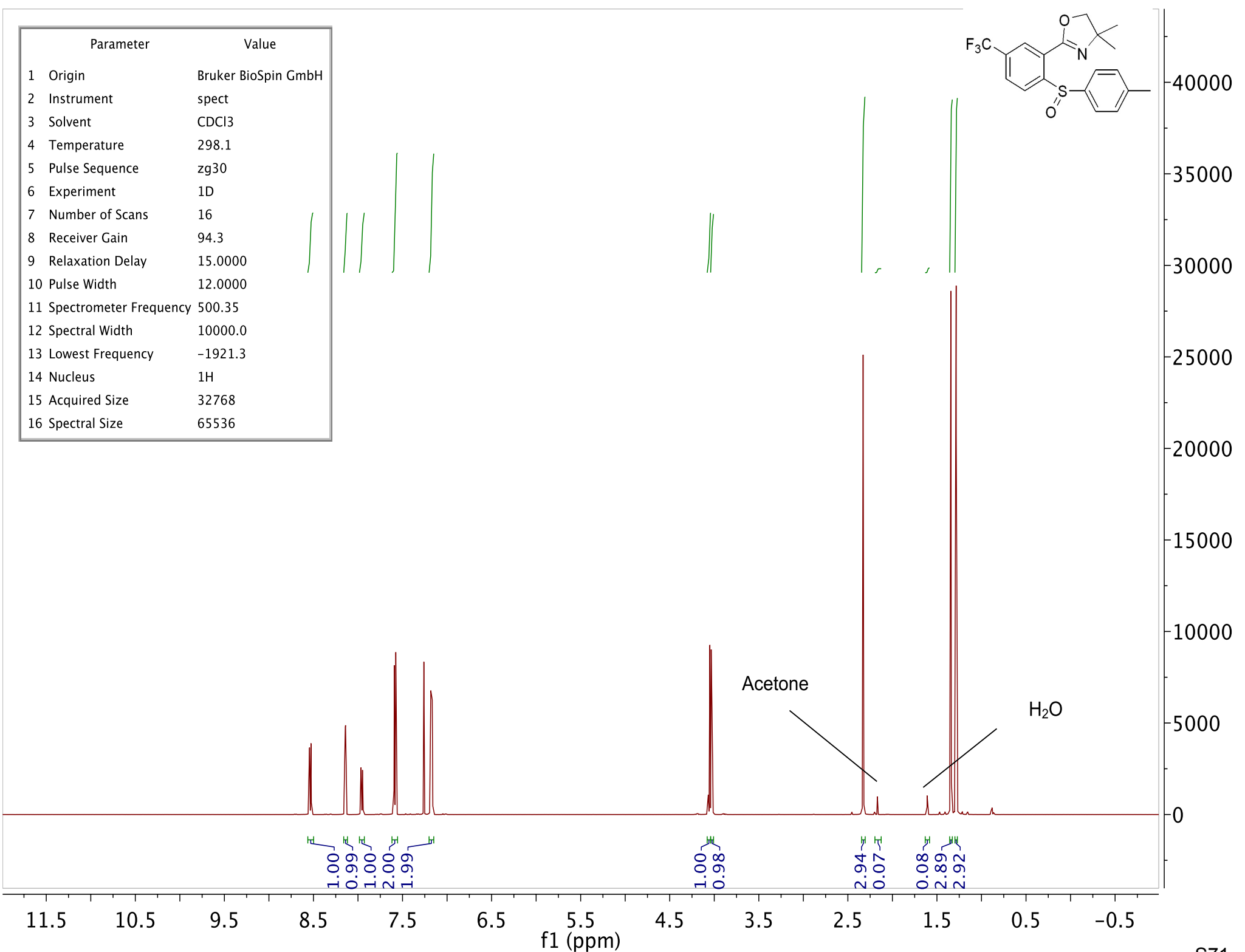
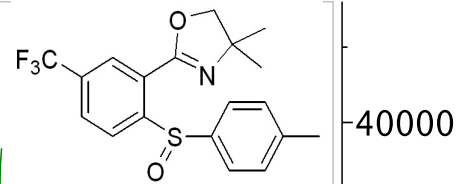
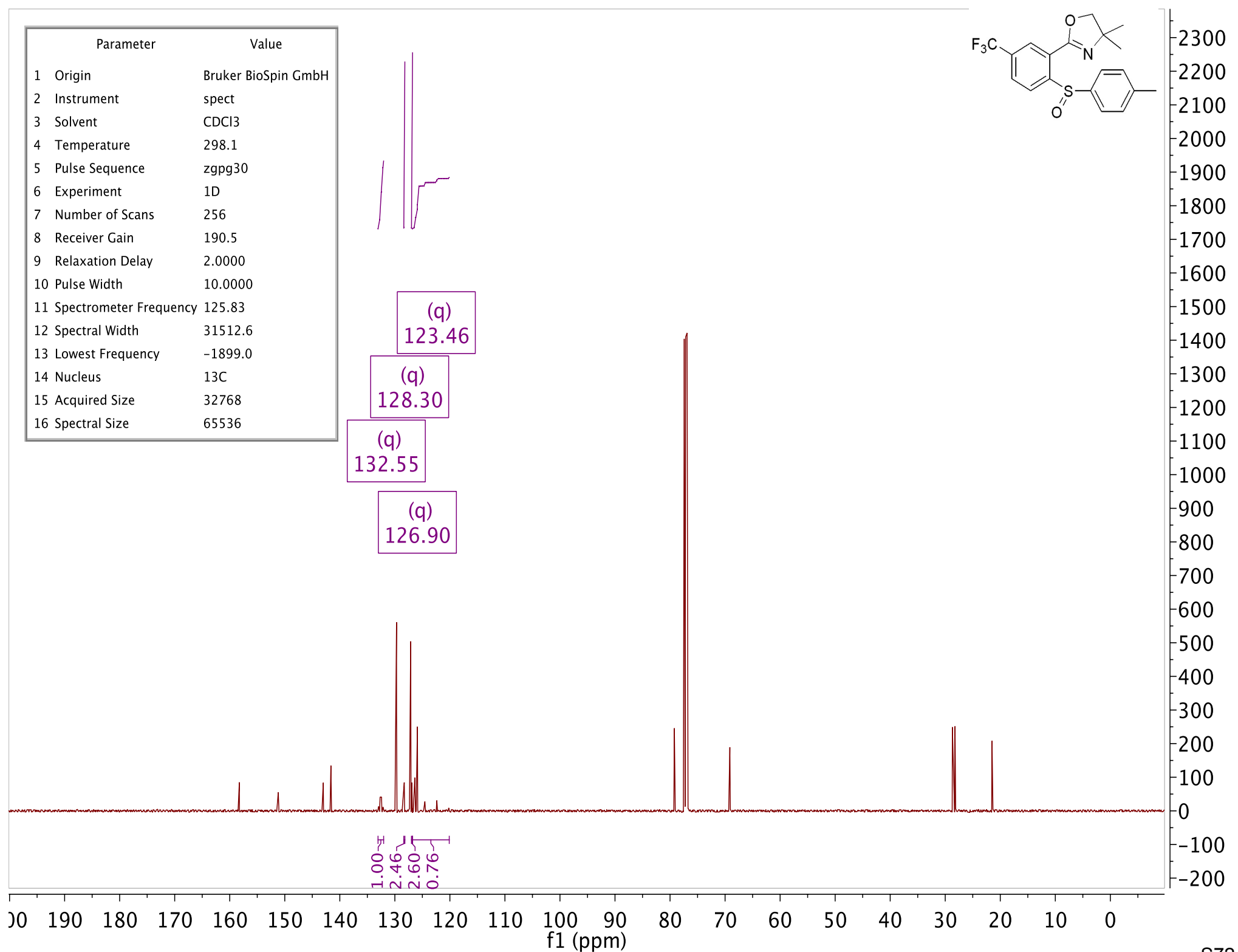
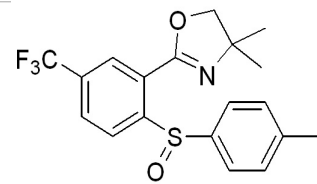


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

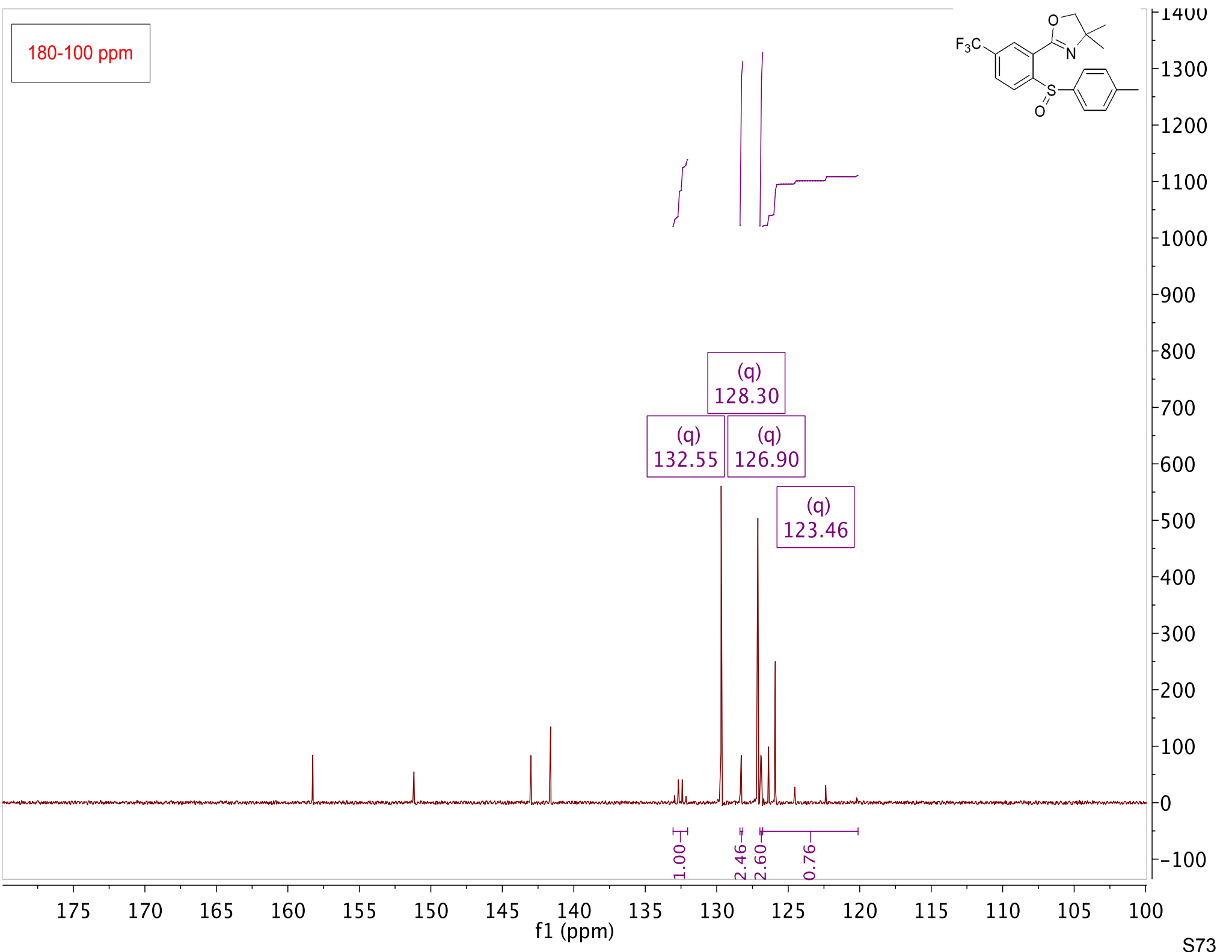
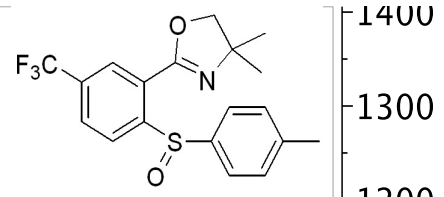


Integration values (from left to right): 1.00, 0.99, 1.00, 2.00, 1.99, 1.00, 0.98, 2.94, 0.07, 0.08, 2.89, 2.92

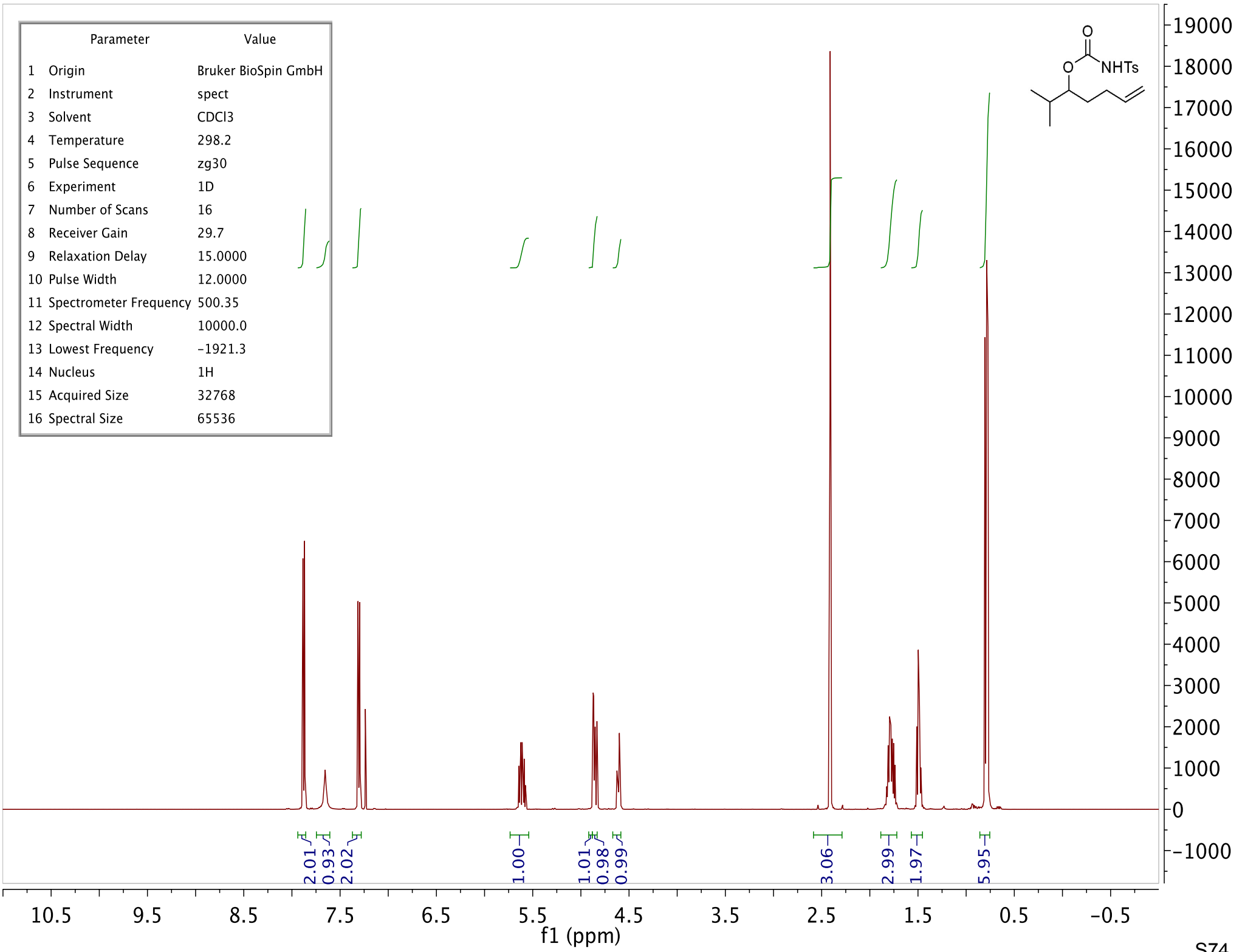
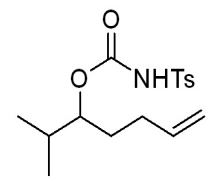
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



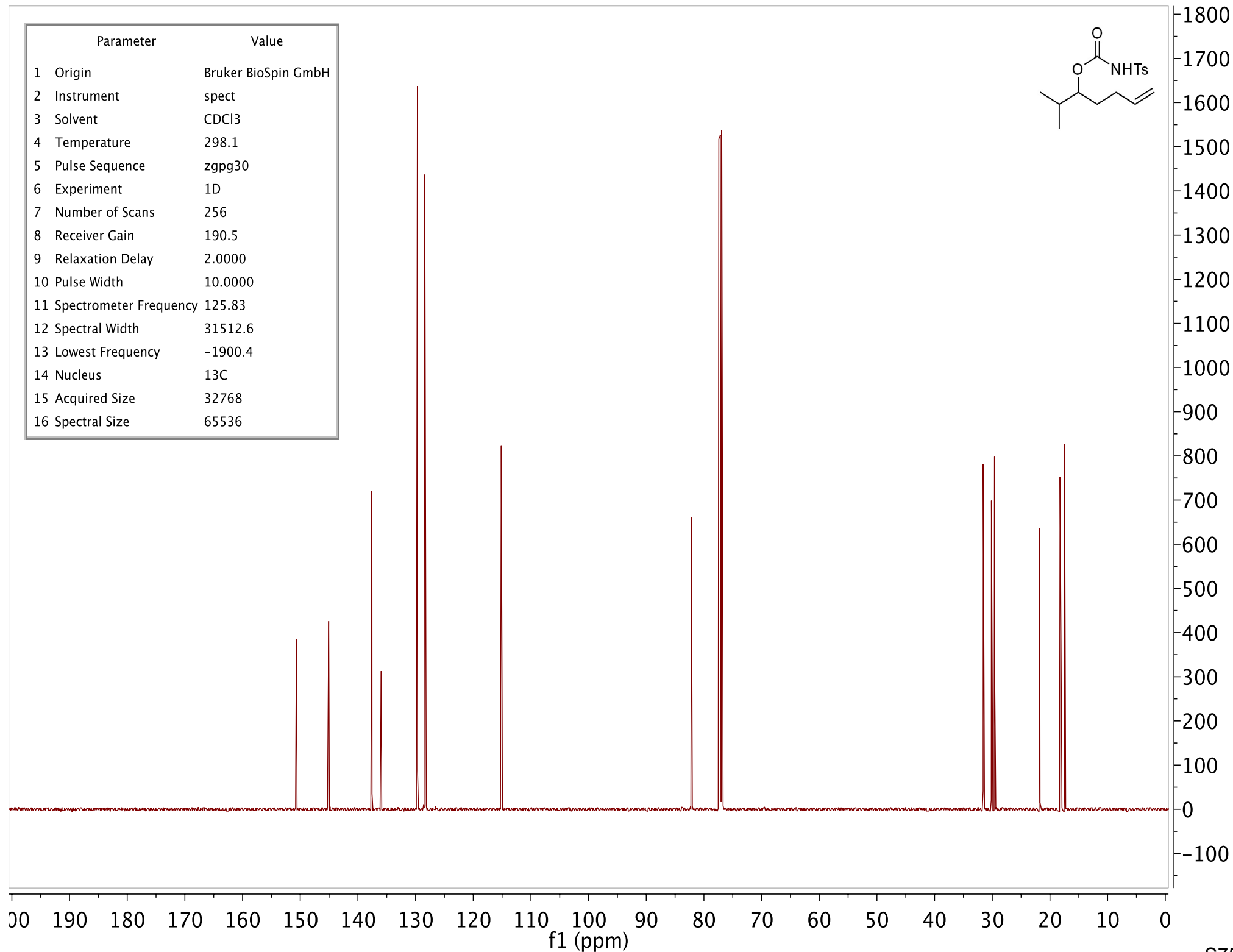
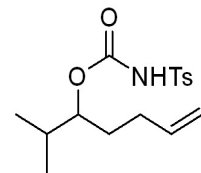
180-100 ppm



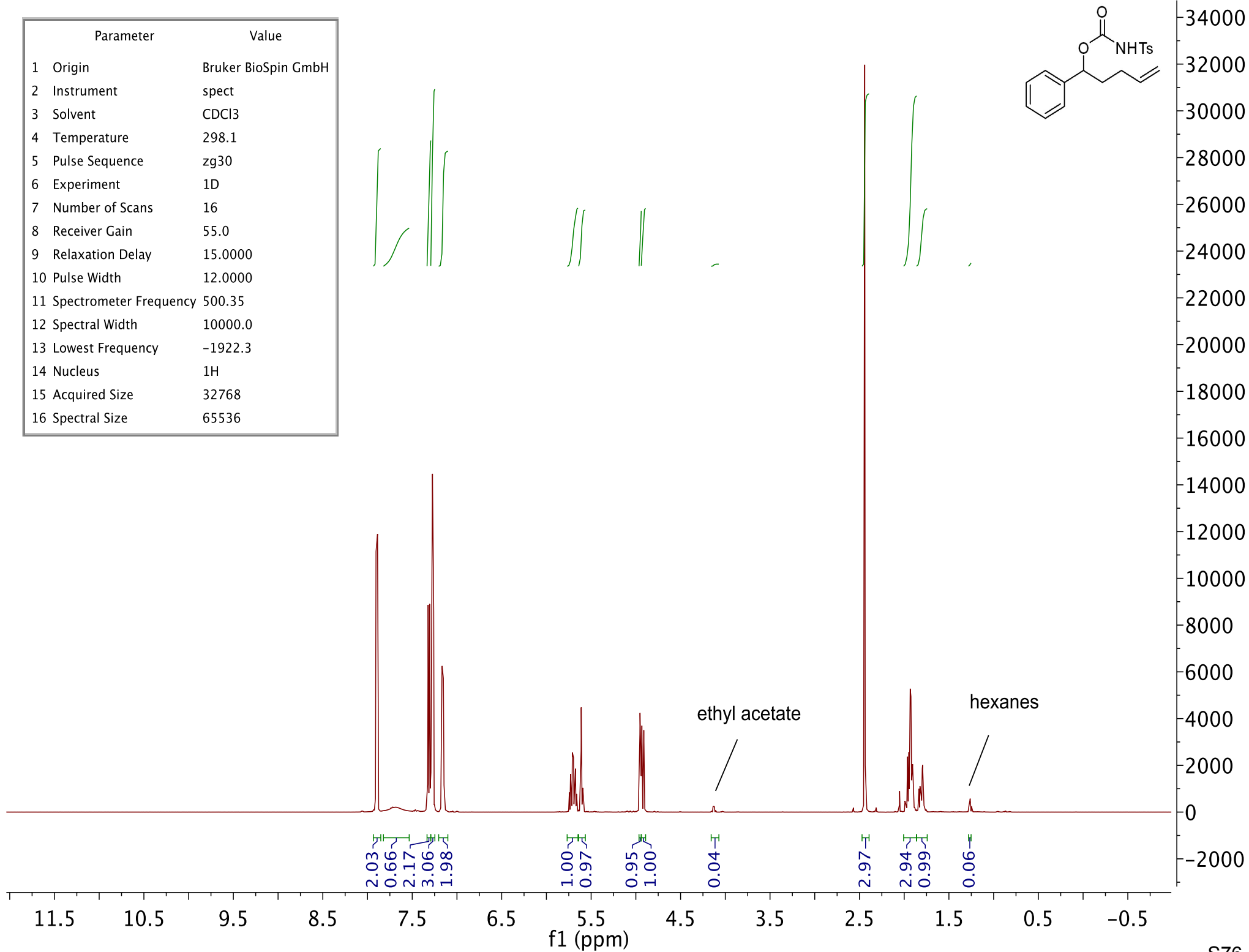
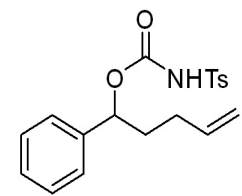
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



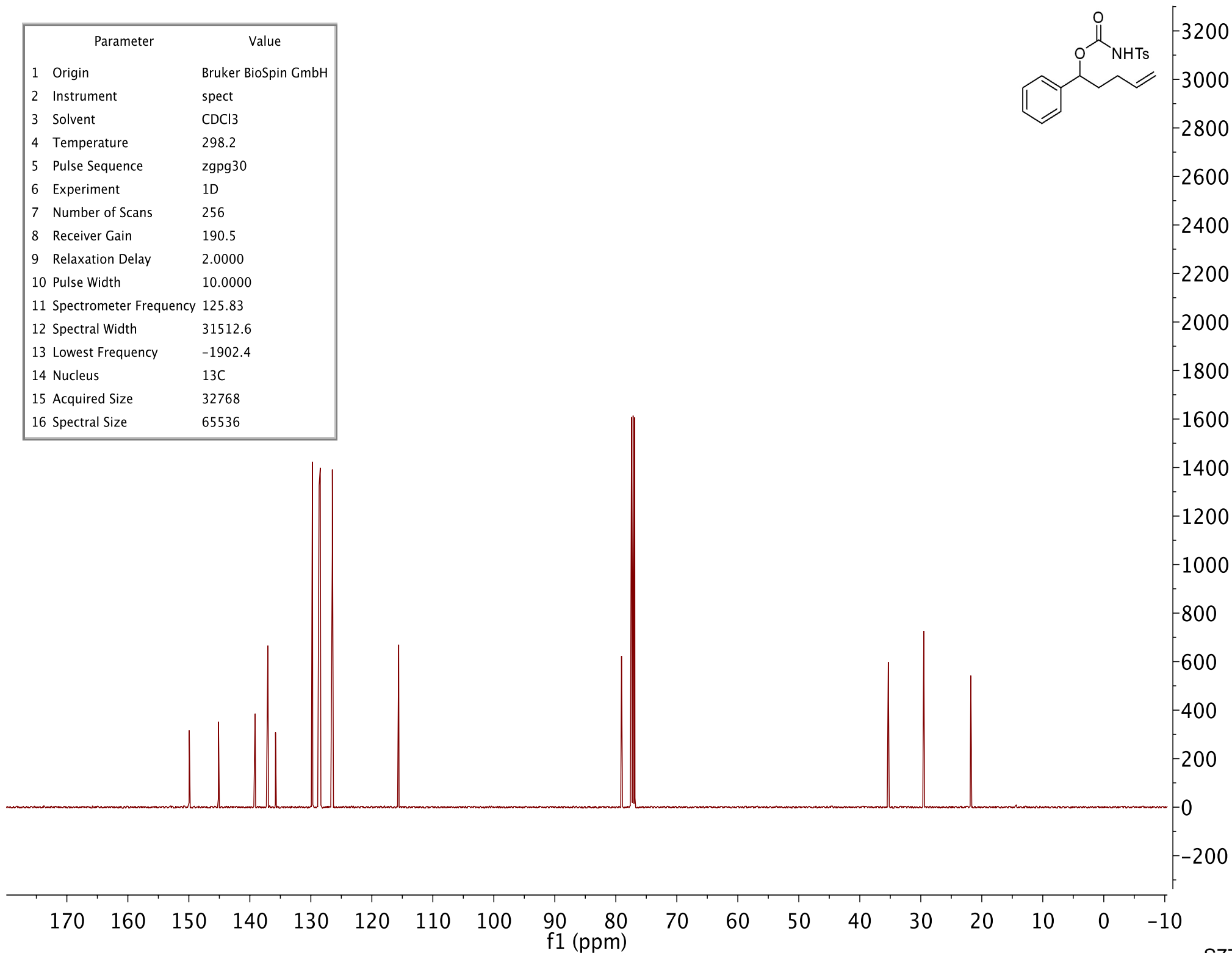
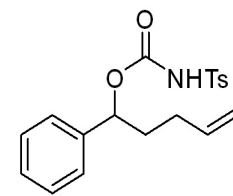
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



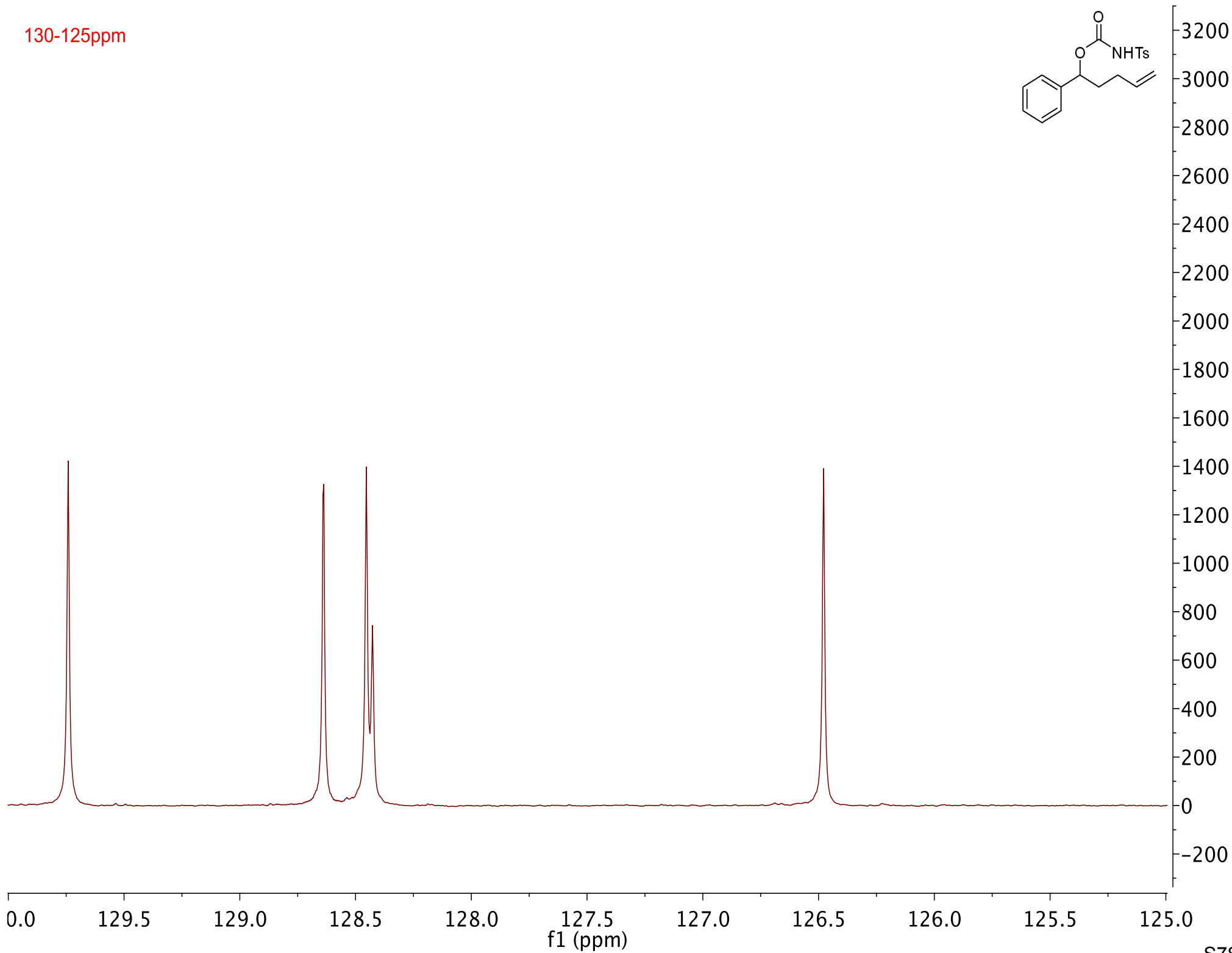
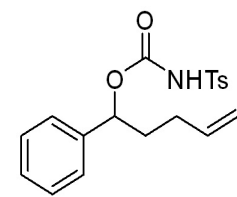
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	55.0
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



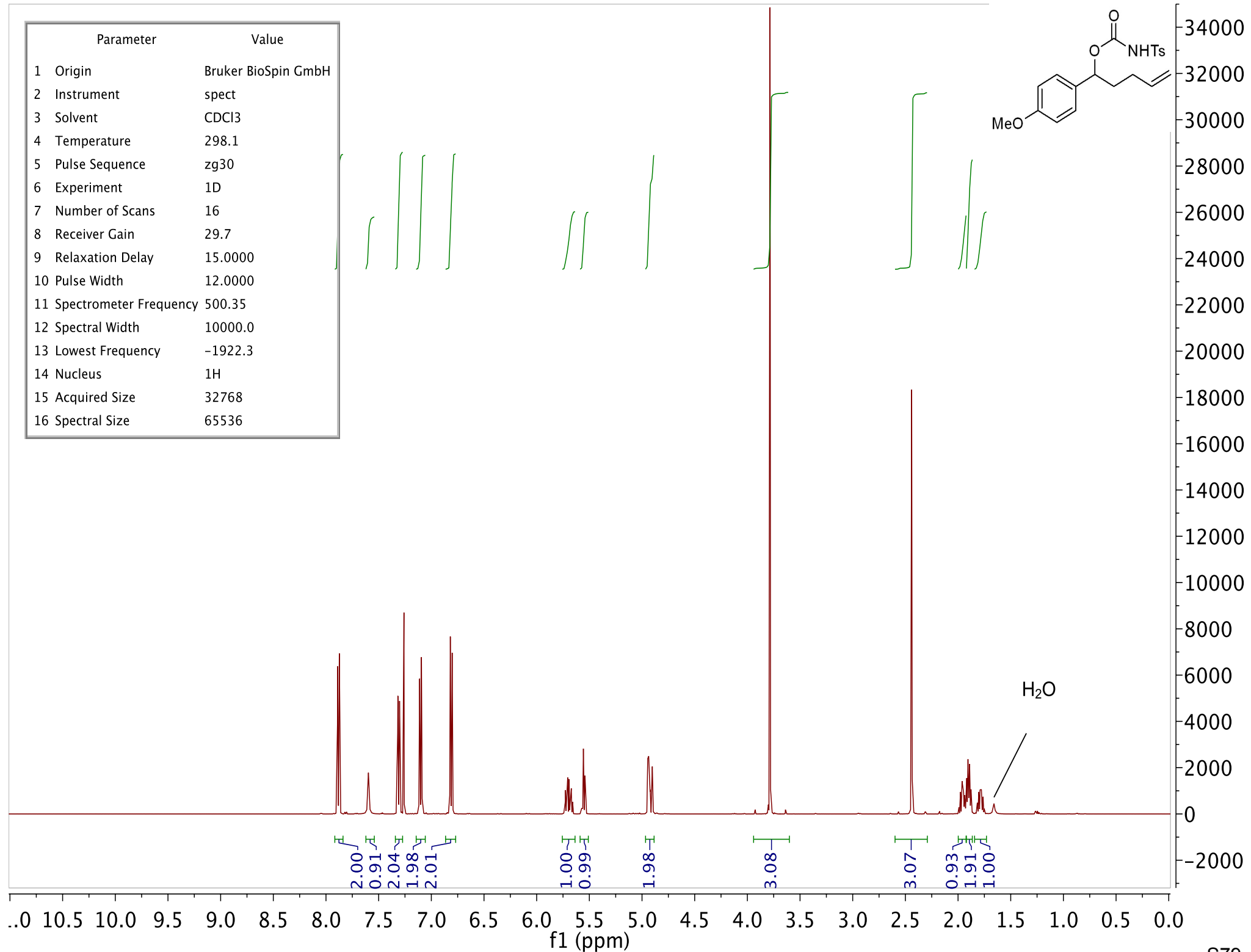
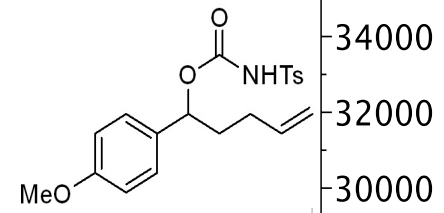
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



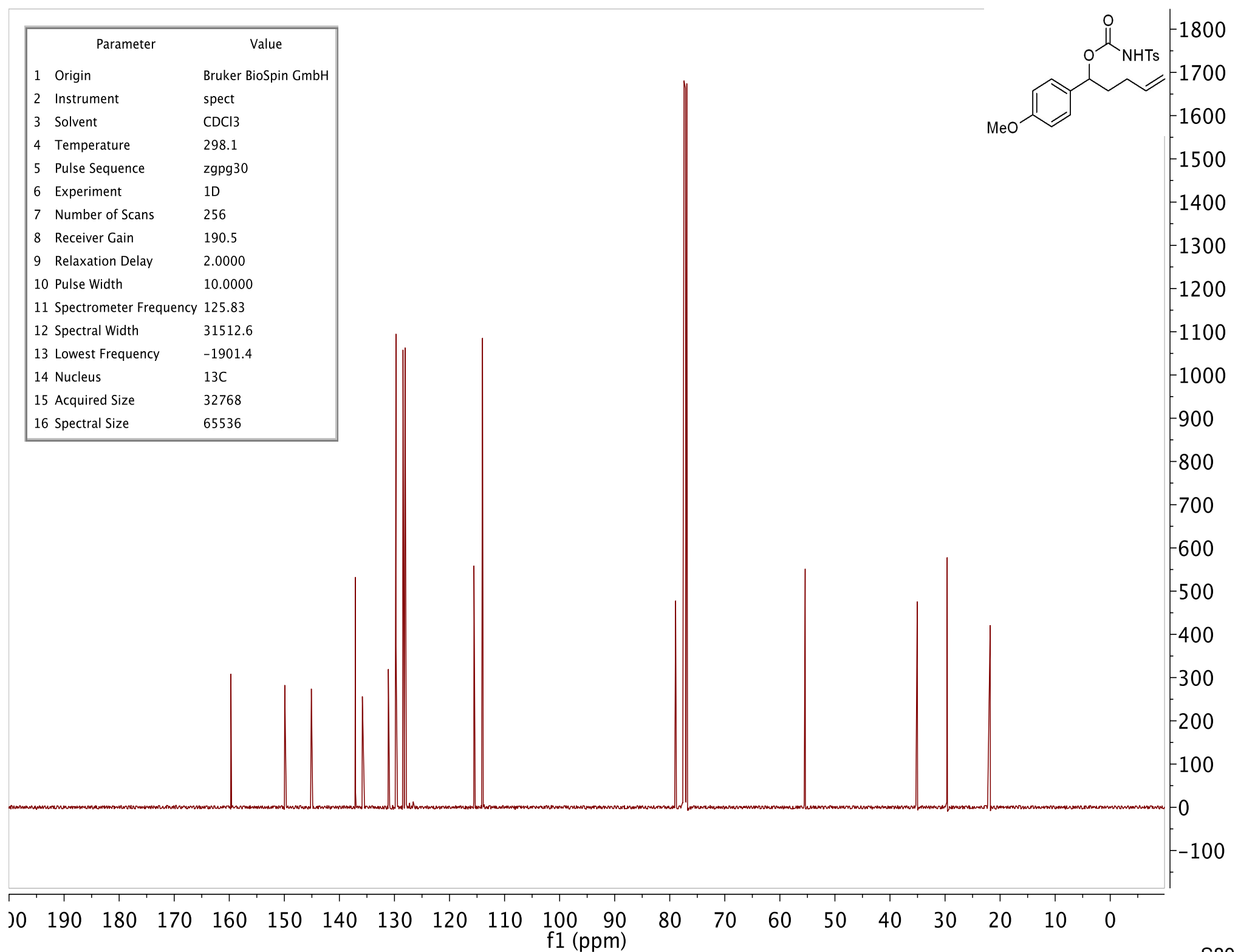
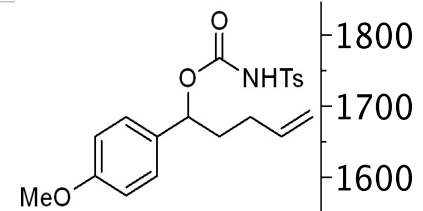
130-125ppm



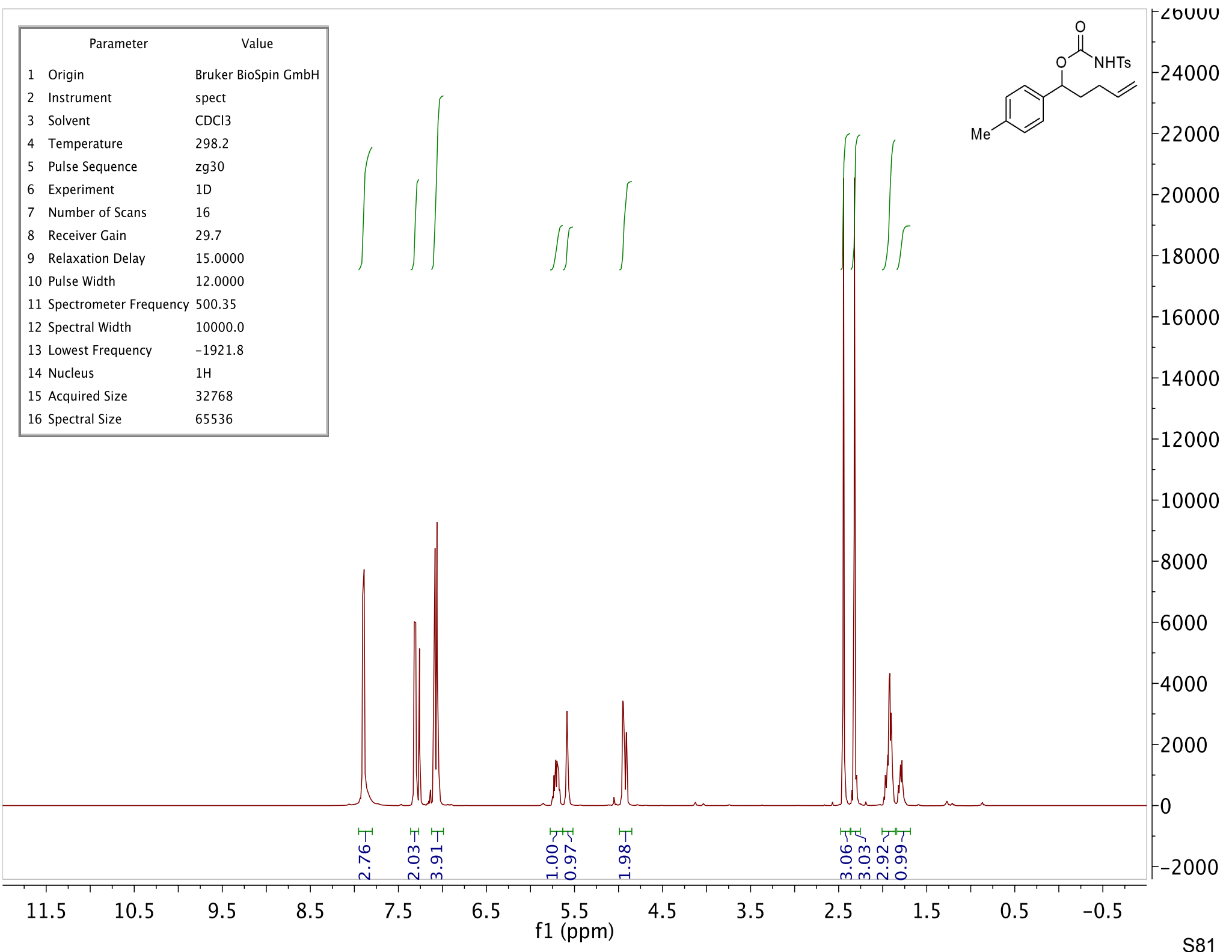
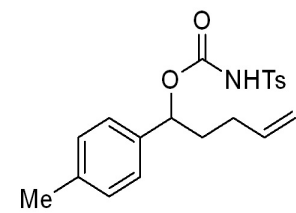
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



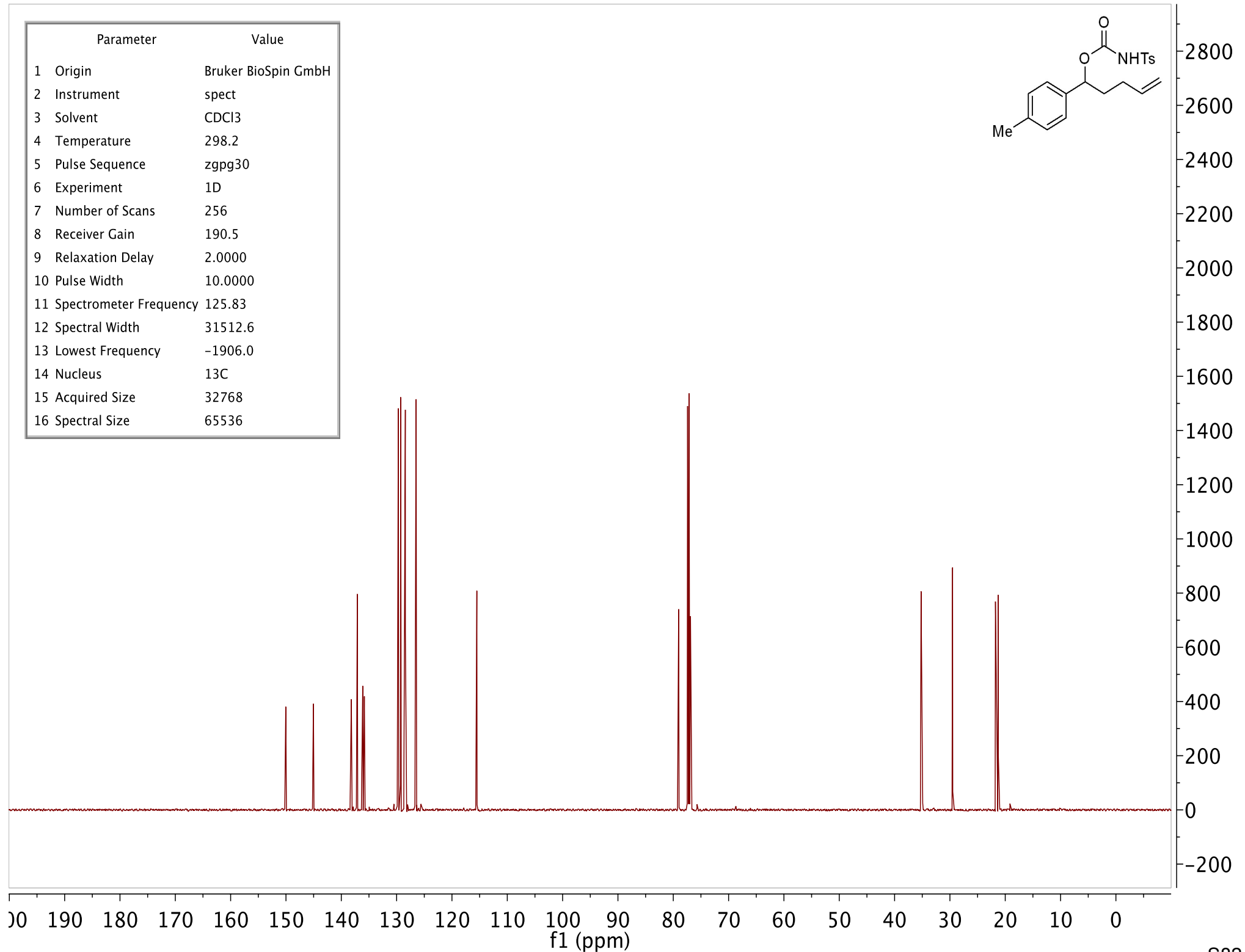
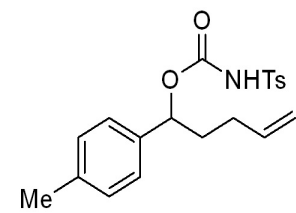
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



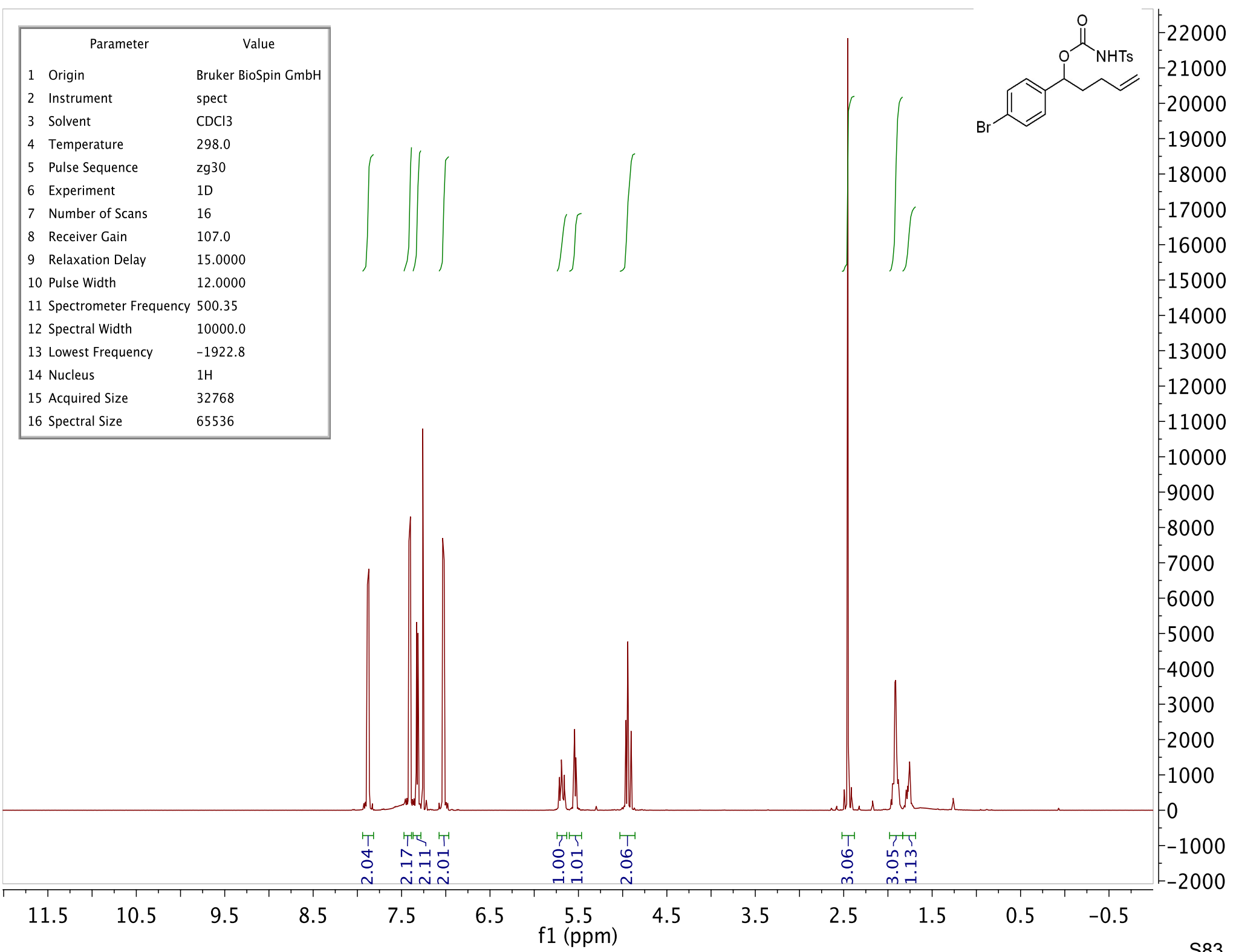
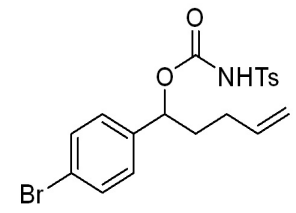
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



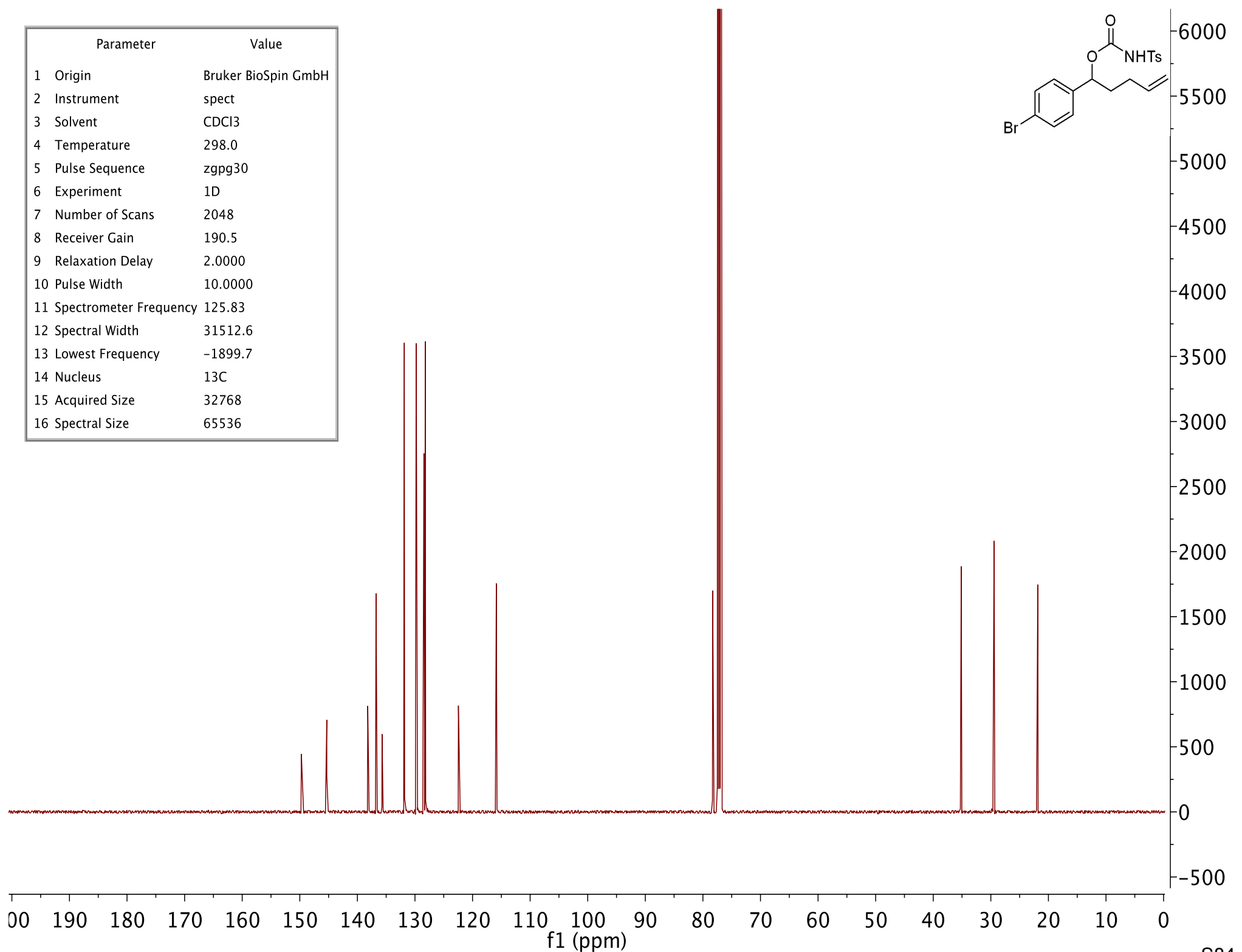
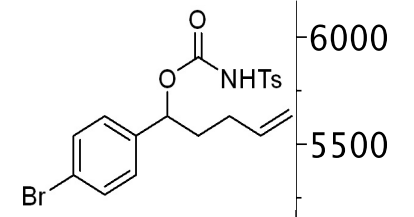
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1906.0
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



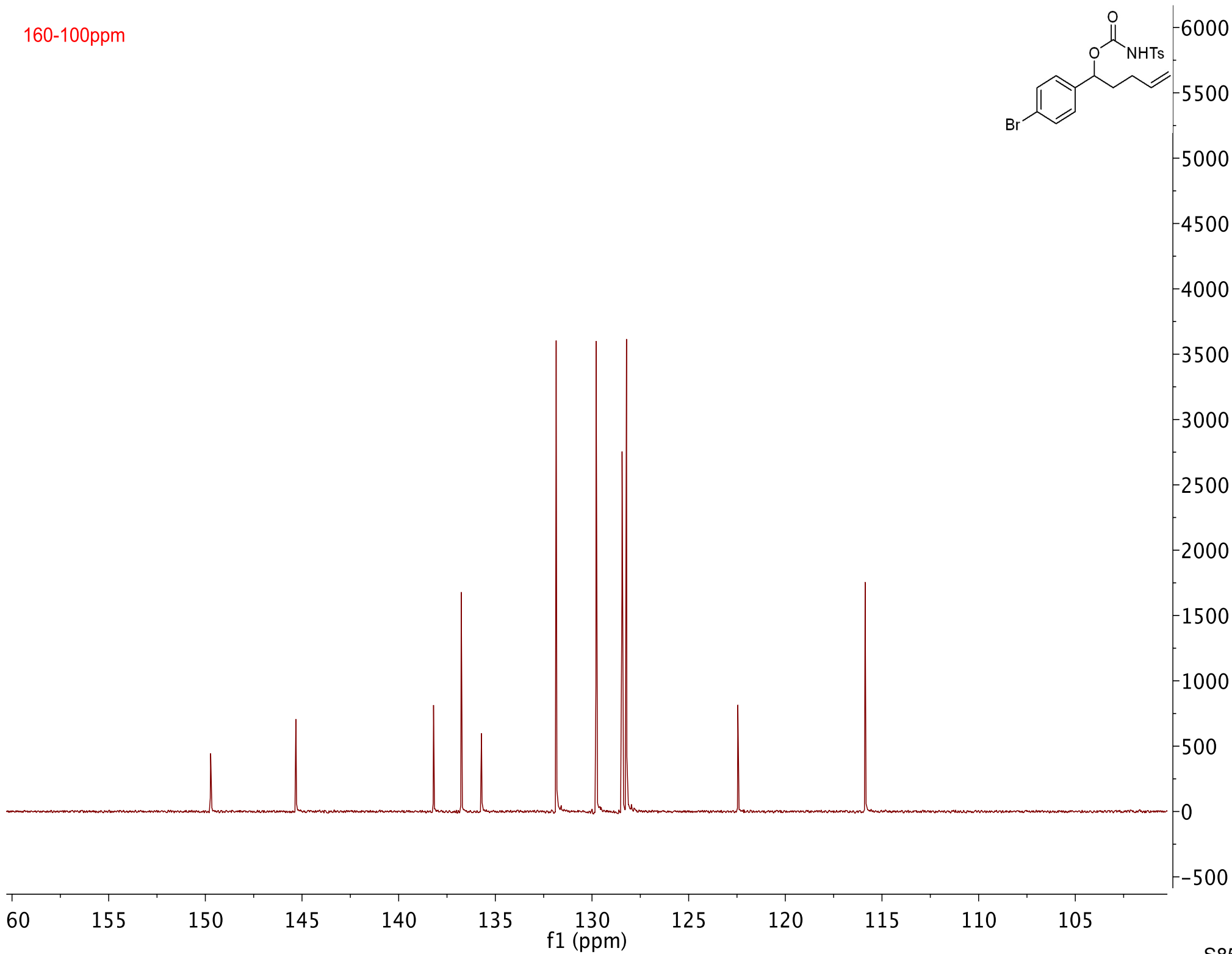
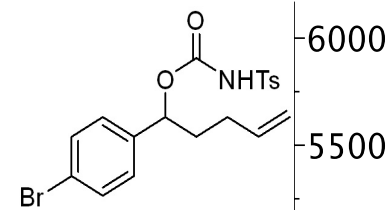
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	107.0
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

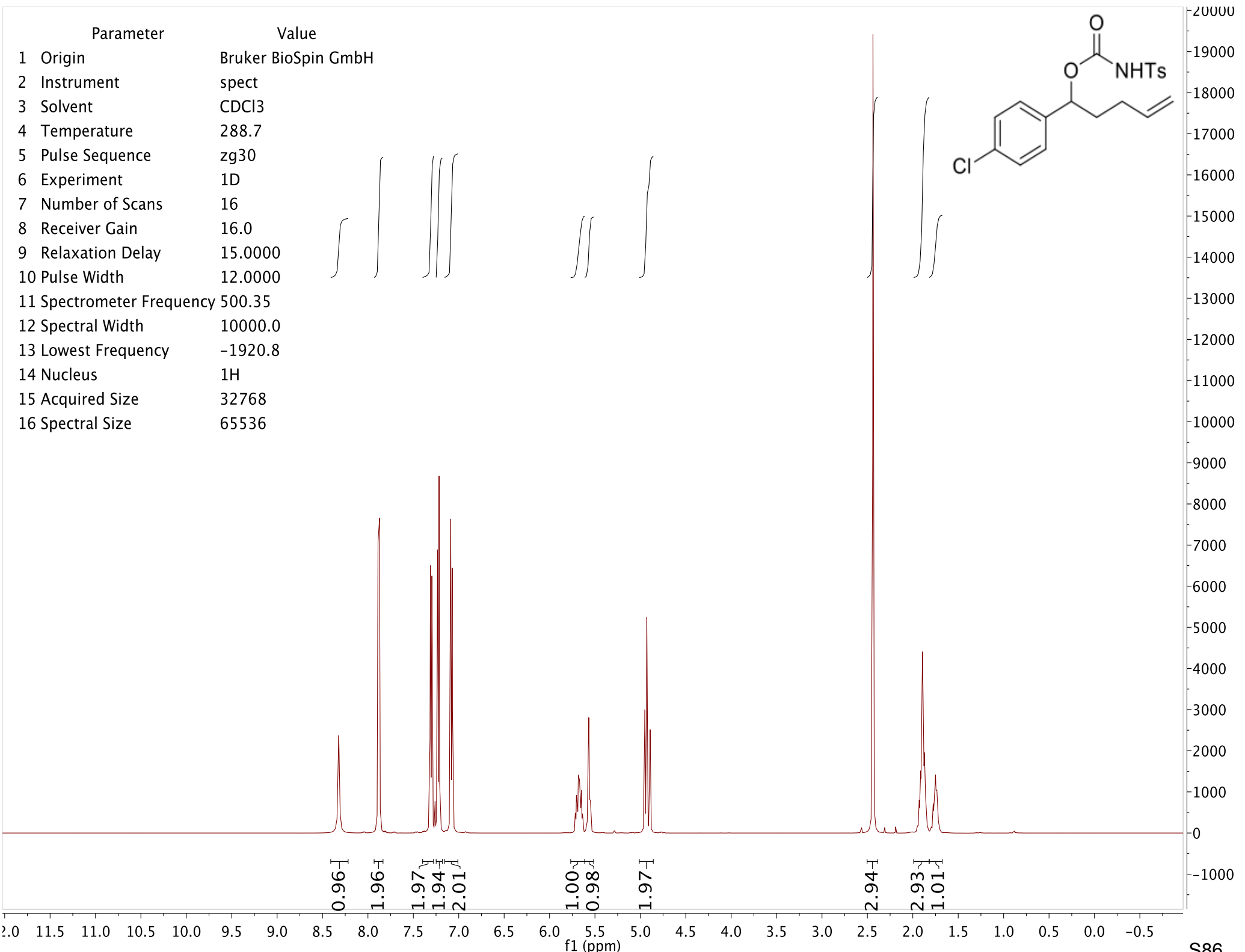


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2048
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.7
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

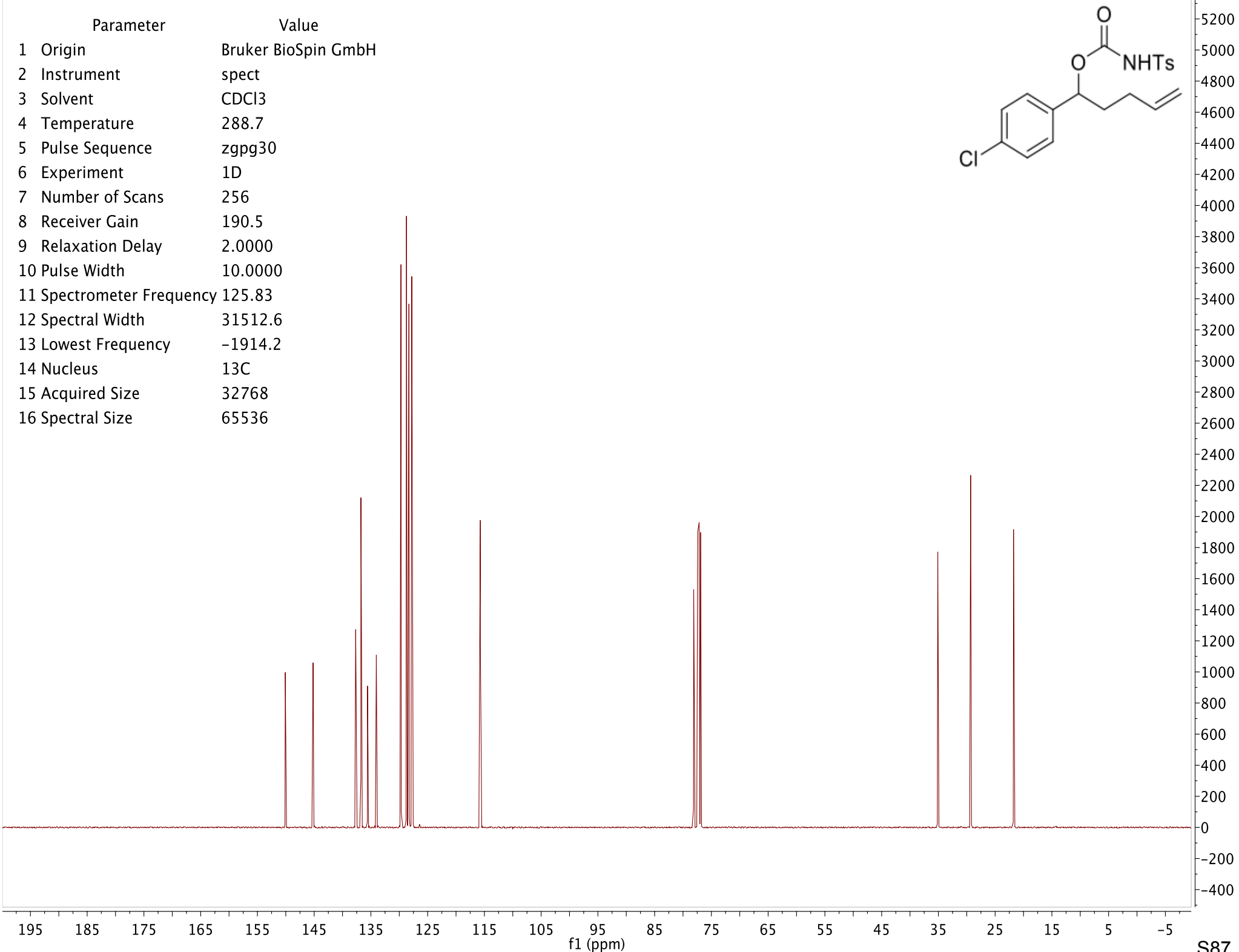
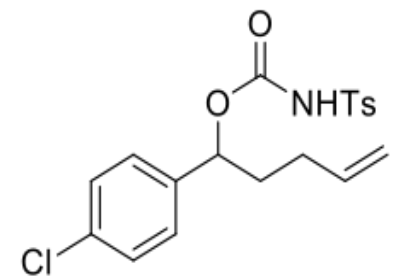


160-100ppm

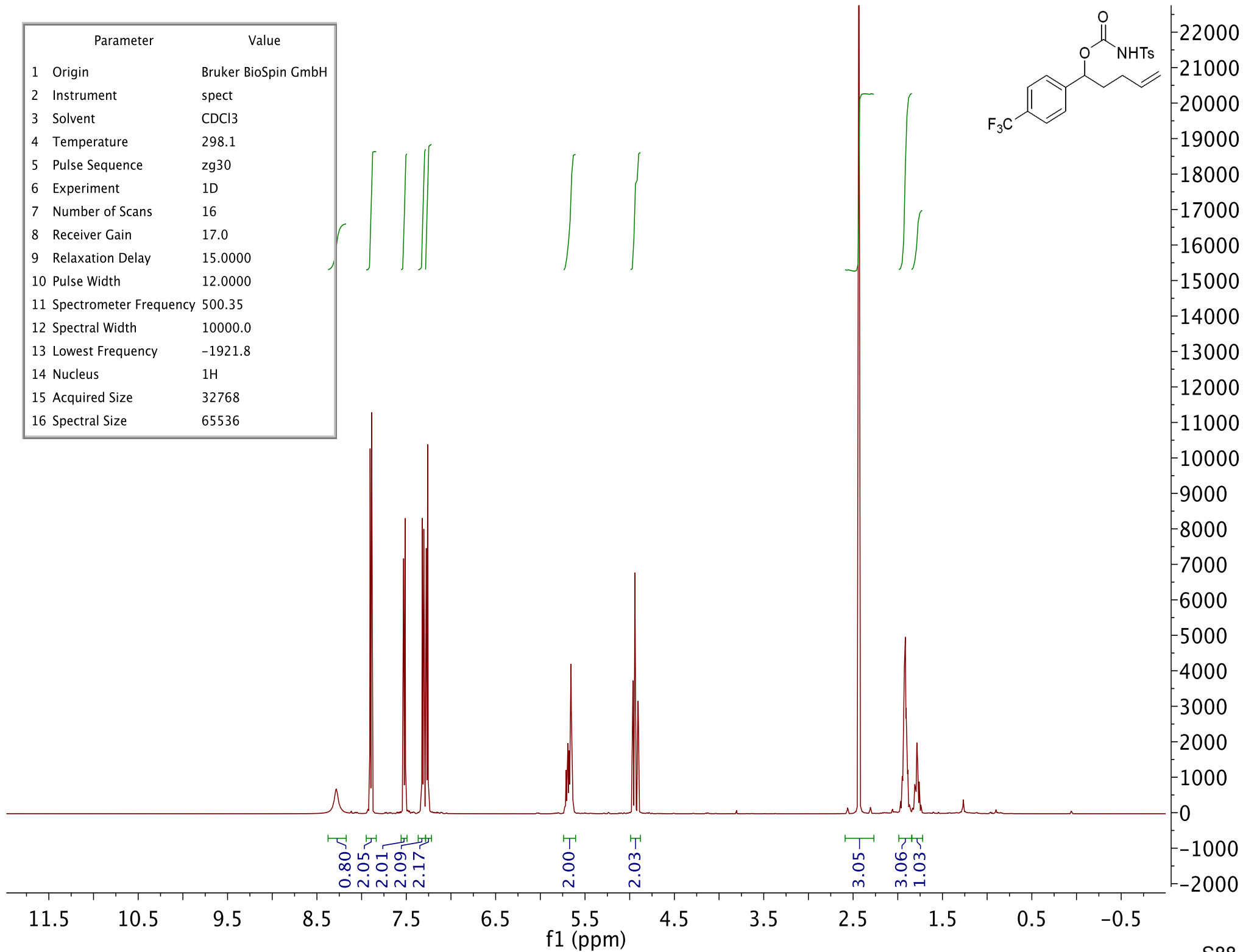
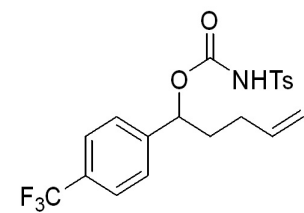




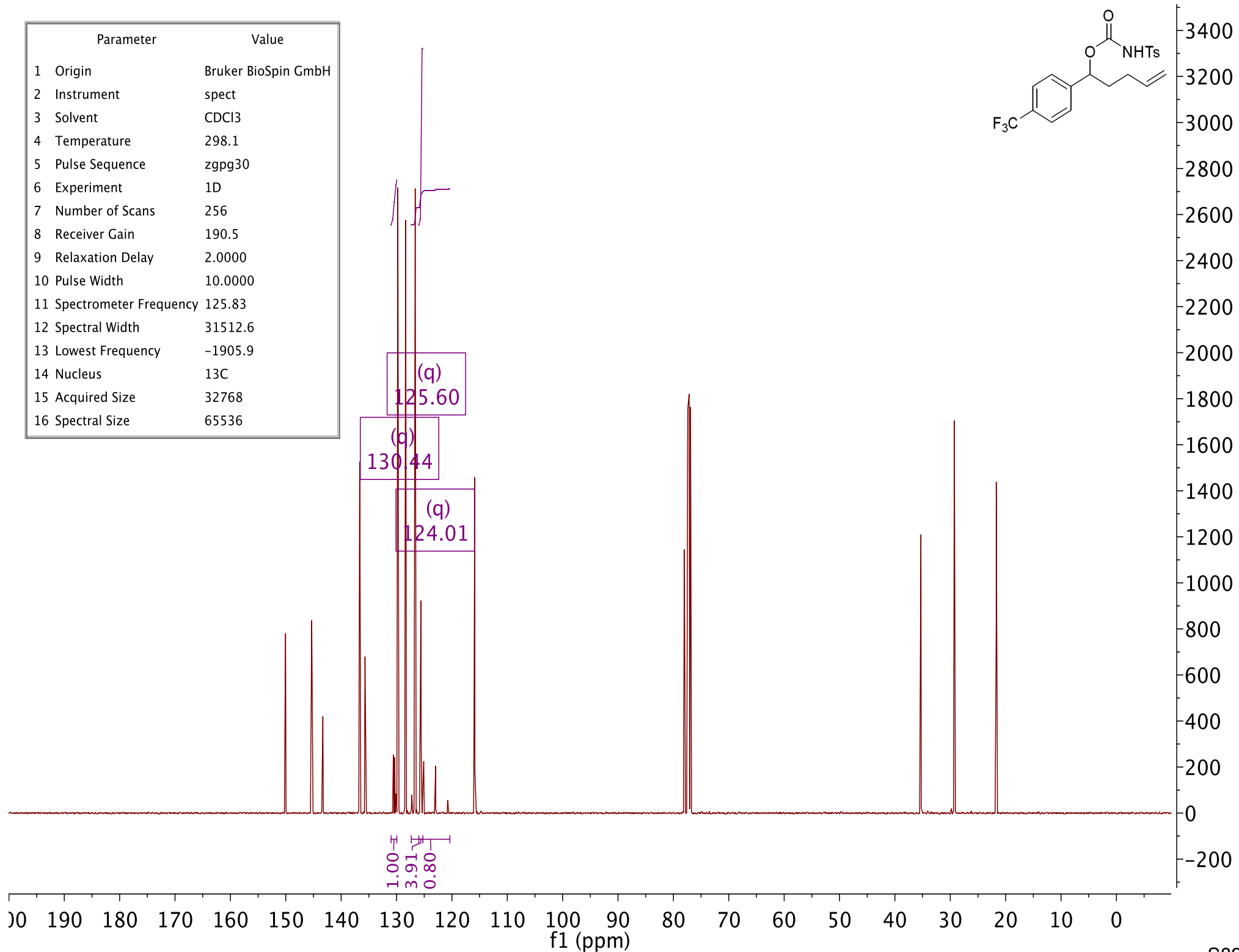
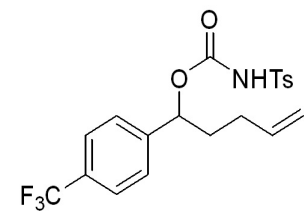
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	288.7
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1914.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



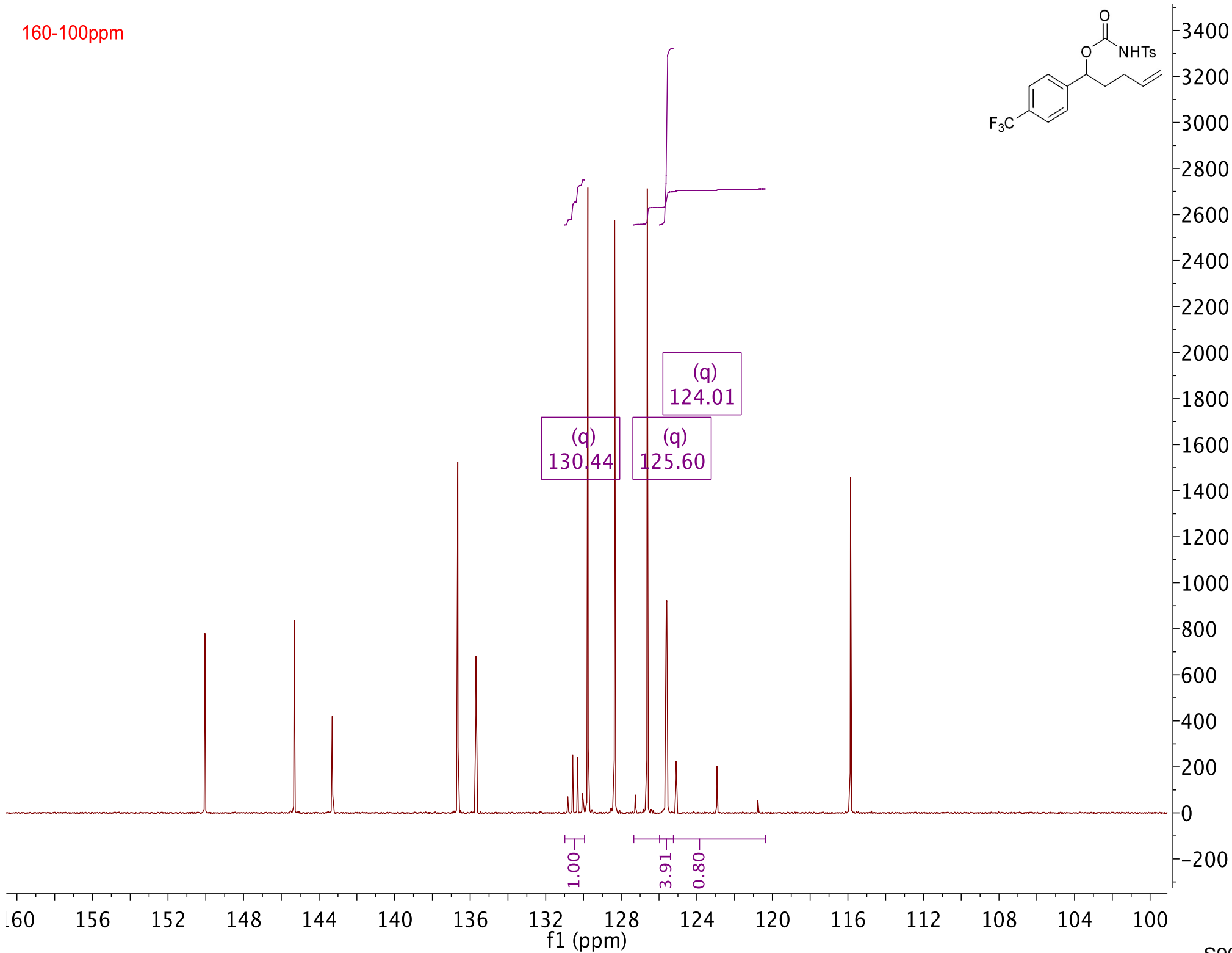
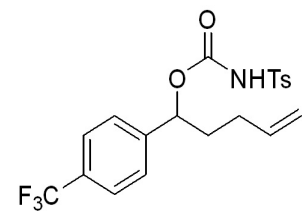
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	17.0
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



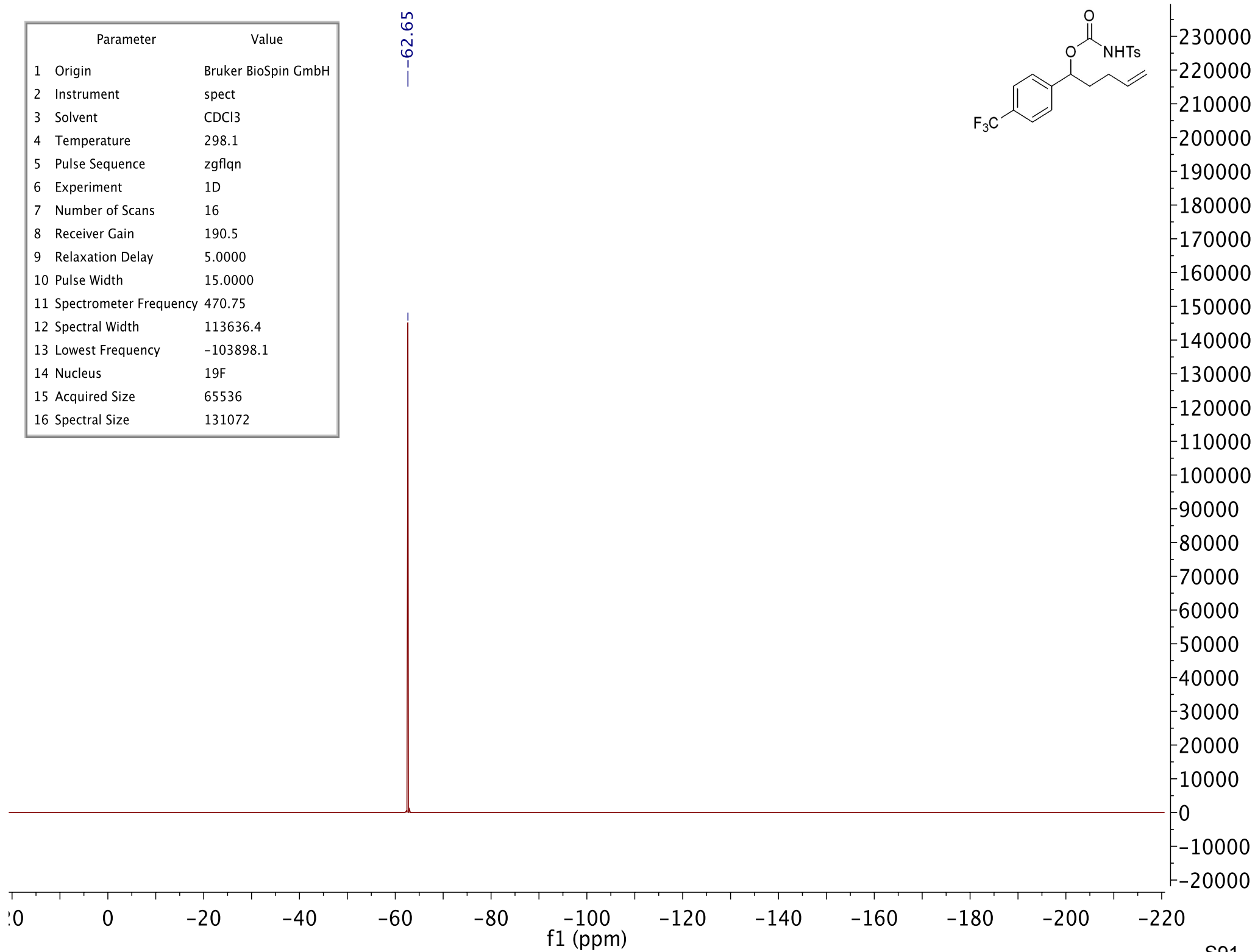
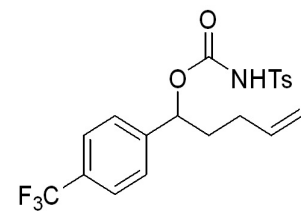
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1905.9
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



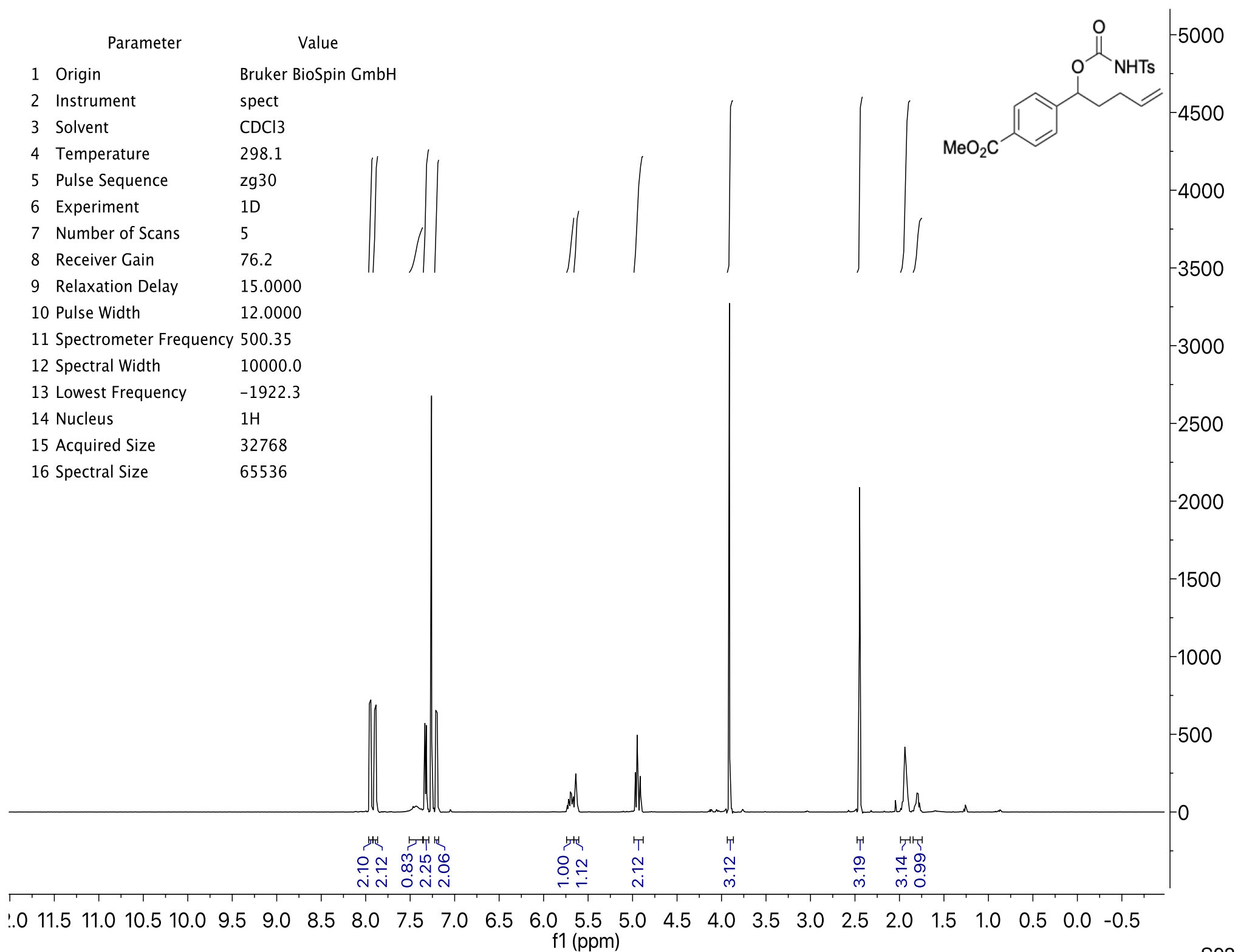
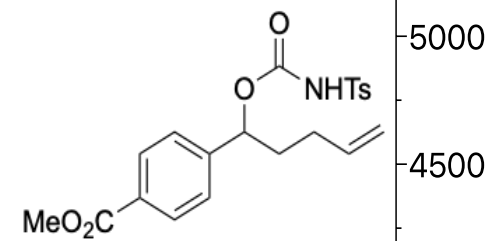
160-100ppm



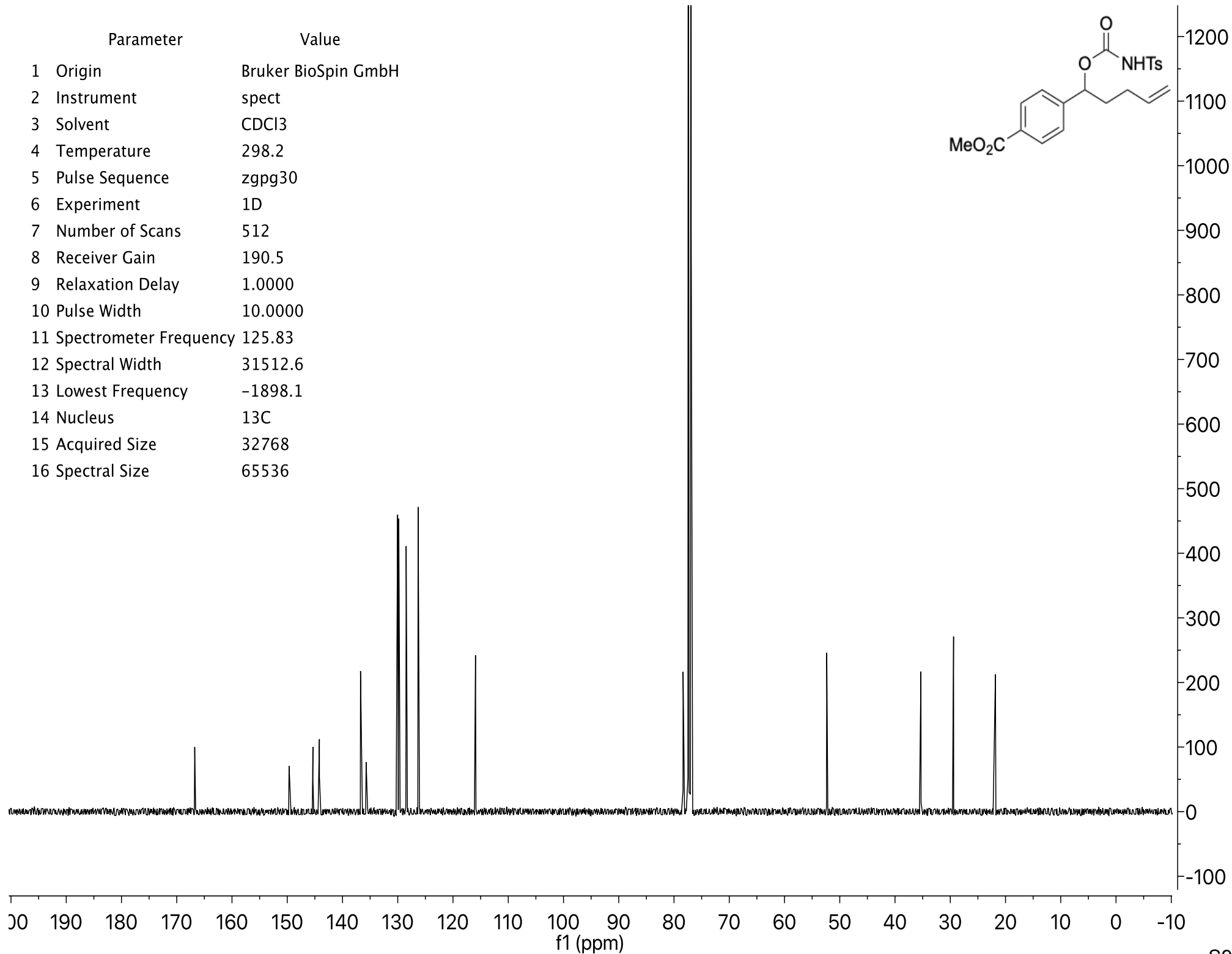
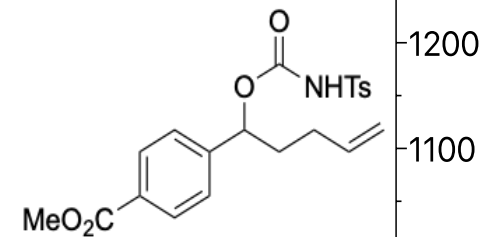
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgfgq
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	190.5
9 Relaxation Delay	5.0000
10 Pulse Width	15.0000
11 Spectrometer Frequency	470.75
12 Spectral Width	113636.4
13 Lowest Frequency	-103898.1
14 Nucleus	19F
15 Acquired Size	65536
16 Spectral Size	131072



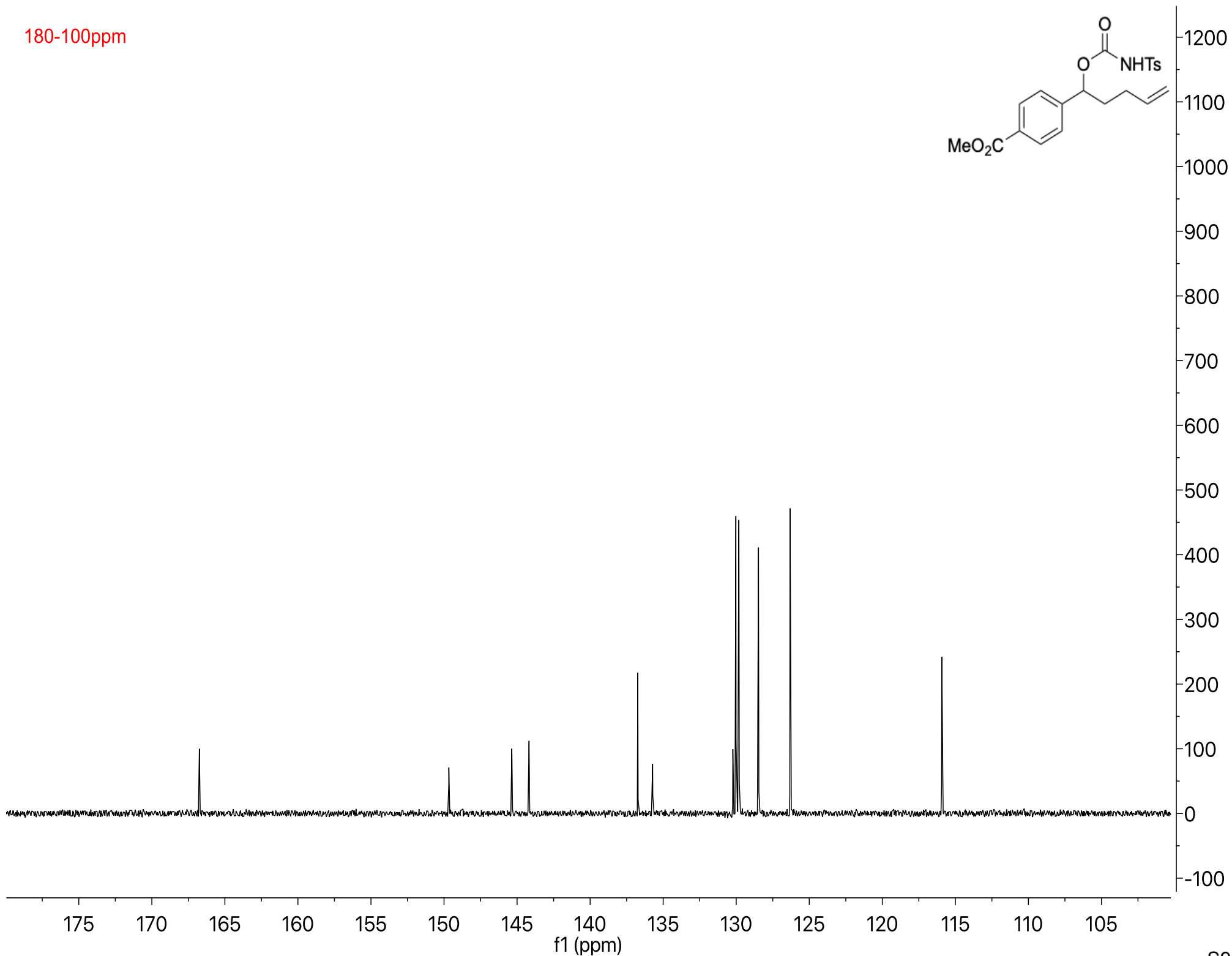
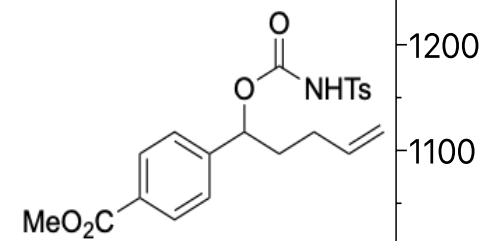
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	76.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



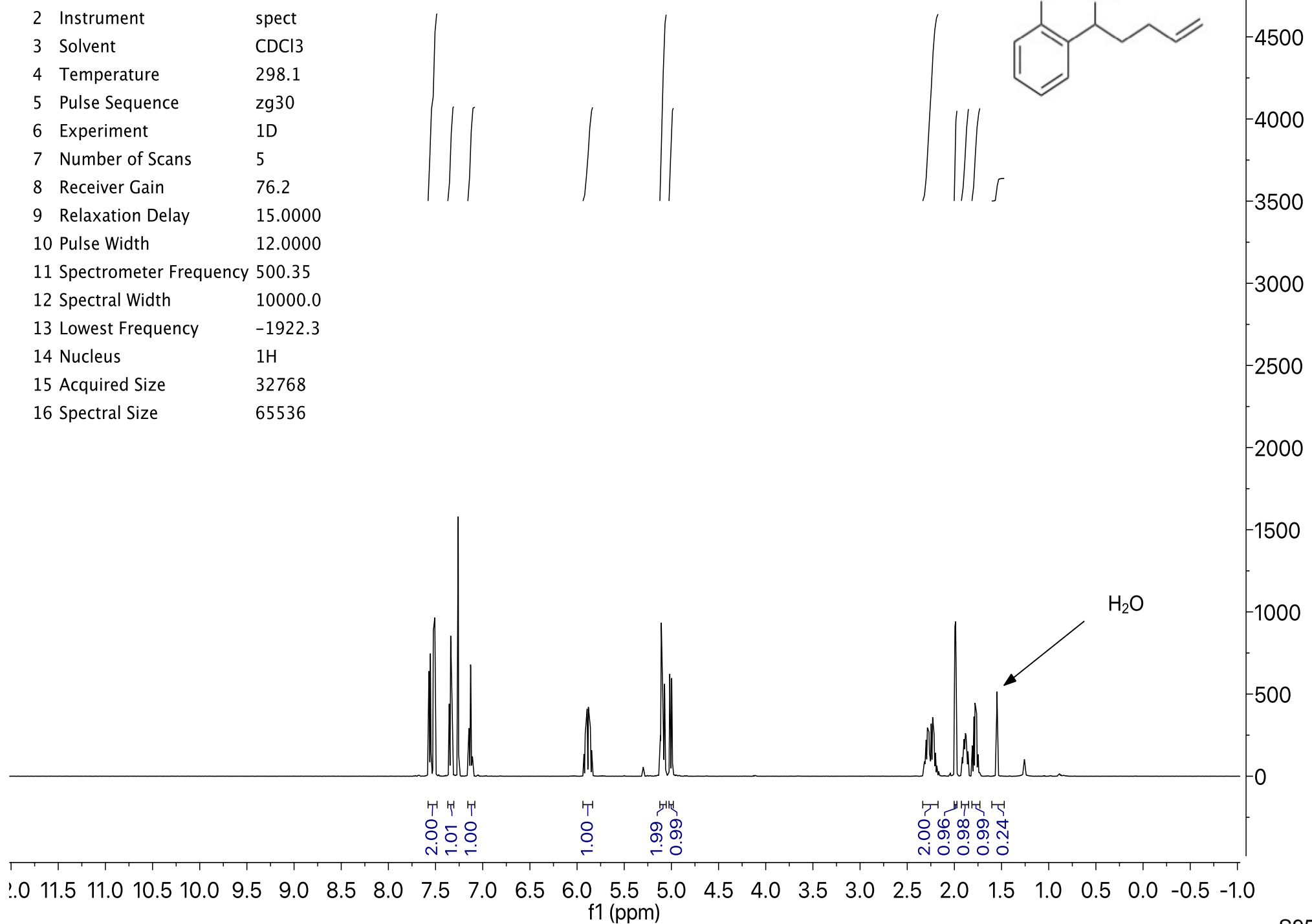
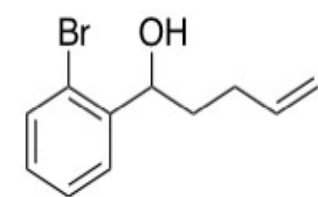
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



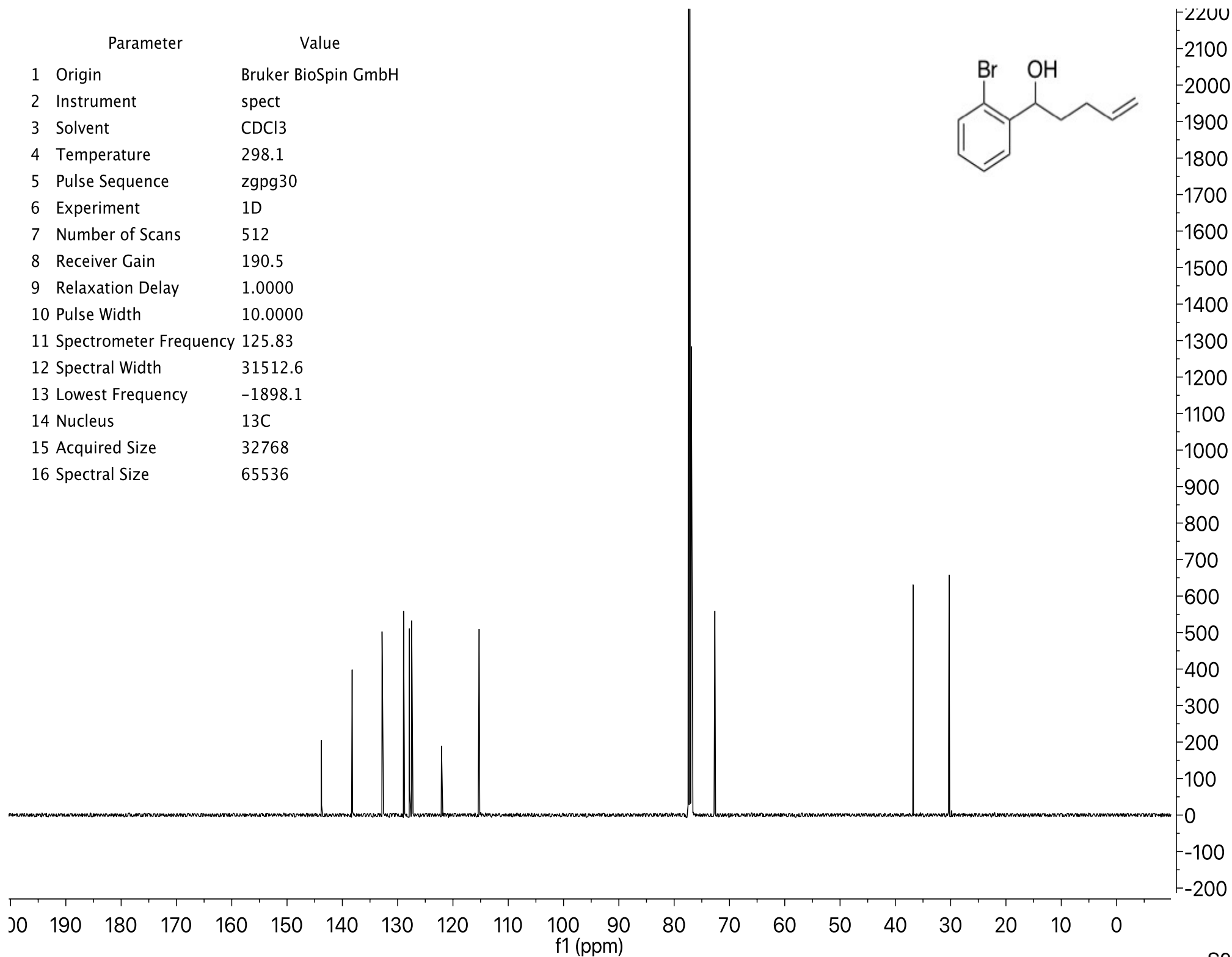
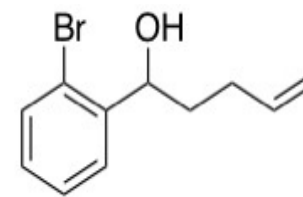
180-100ppm



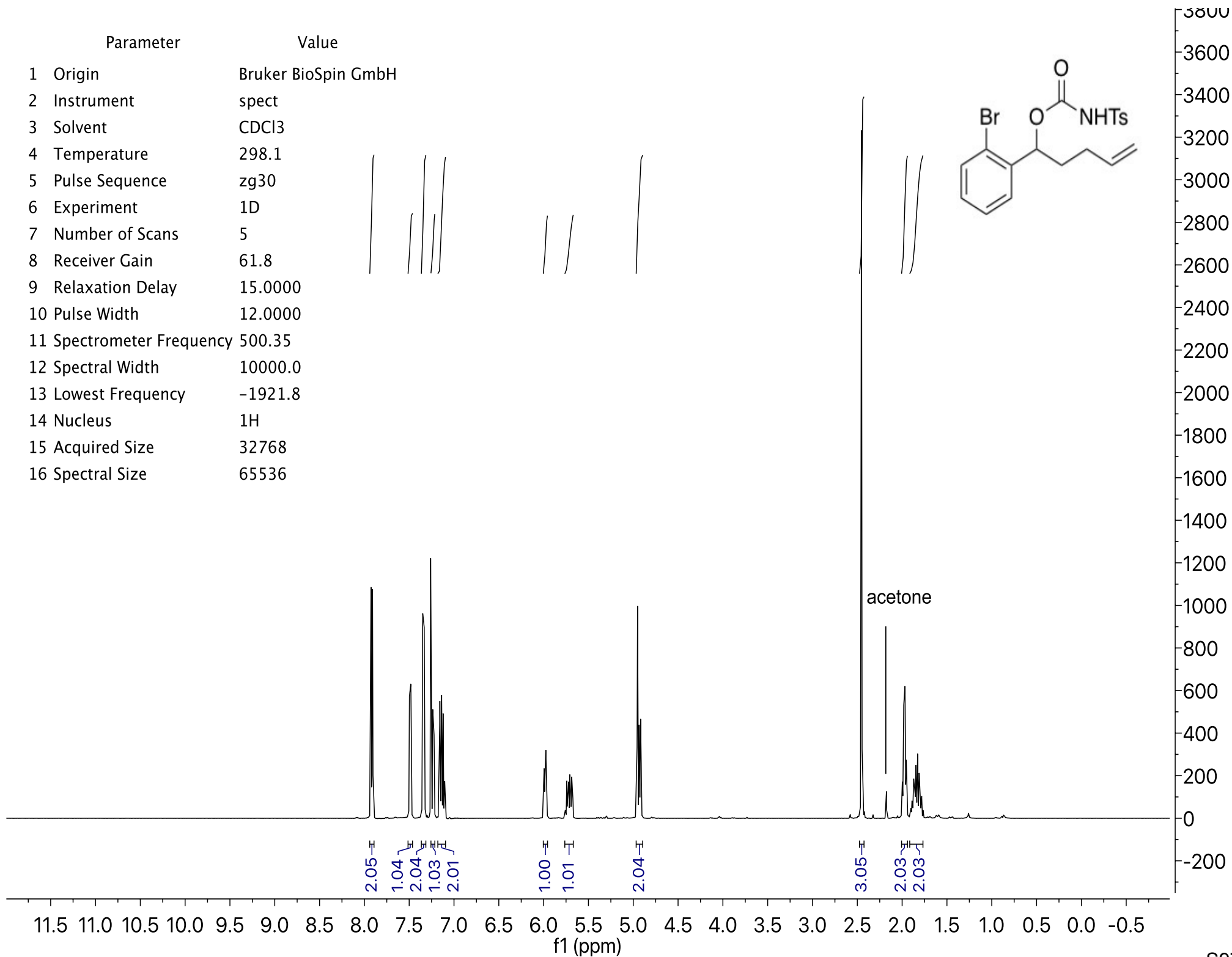
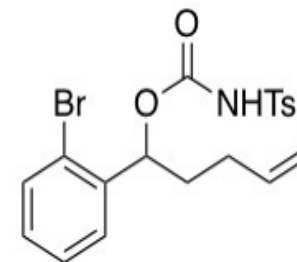
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	76.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



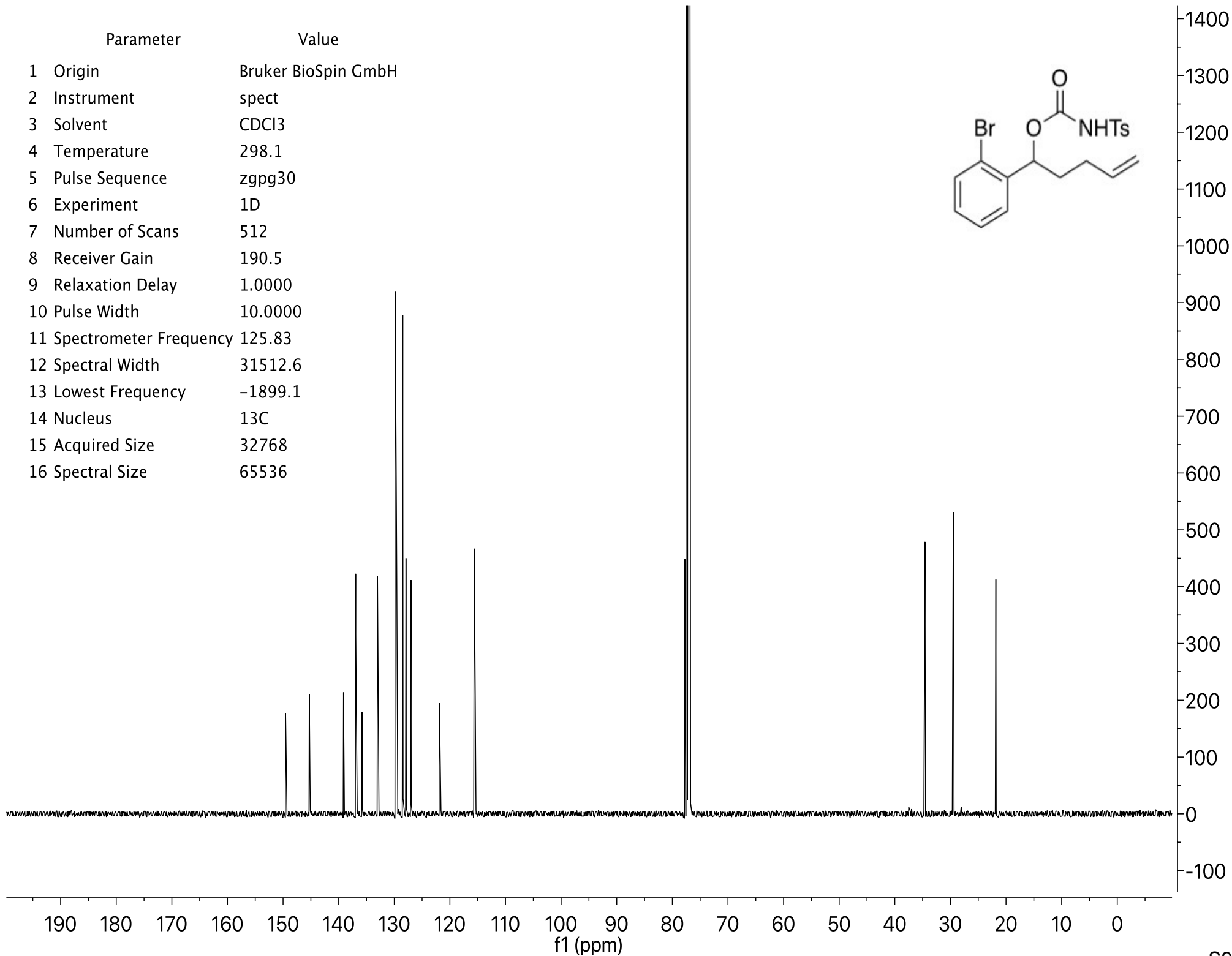
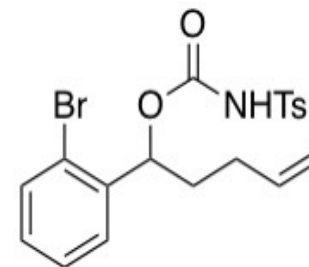
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



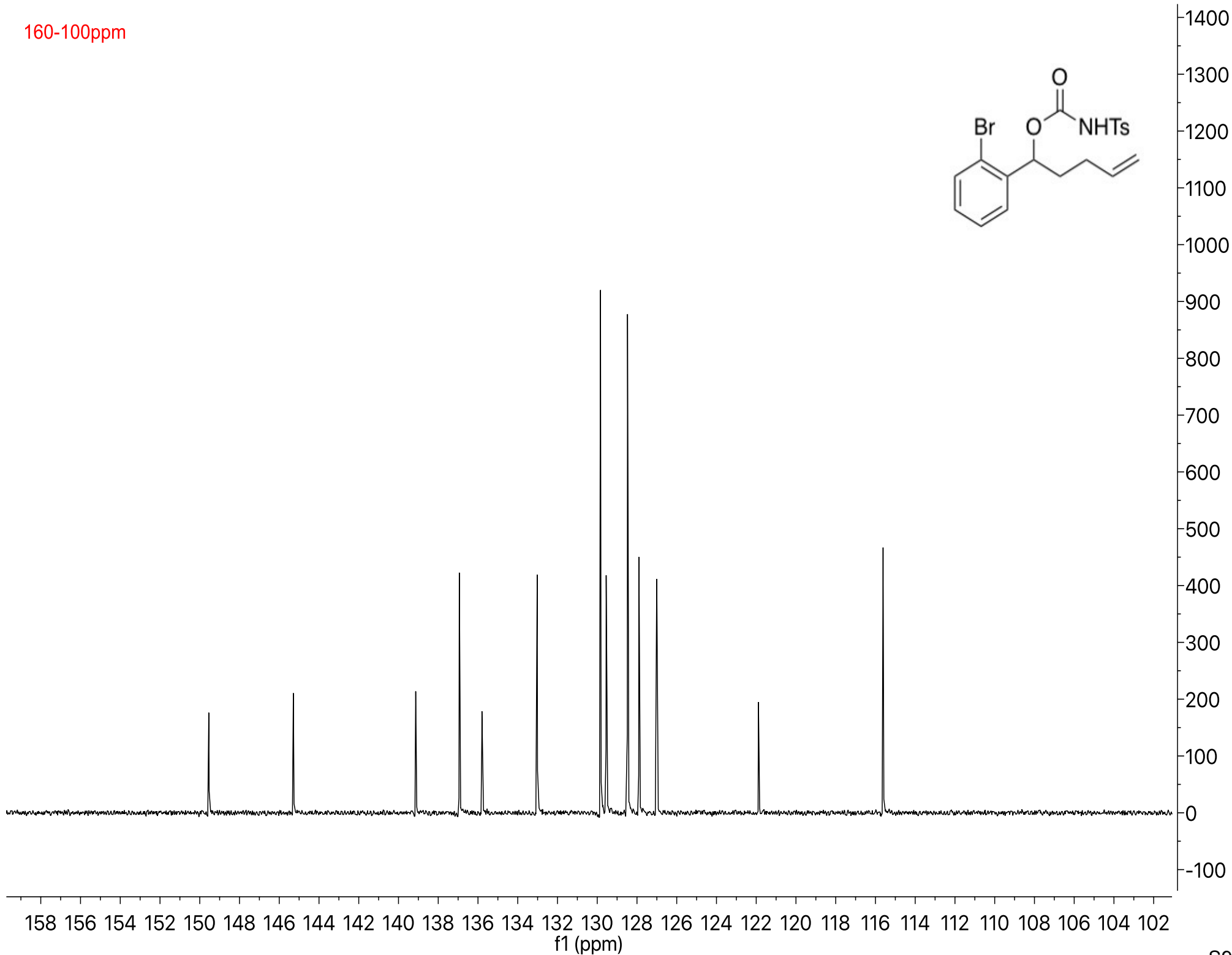
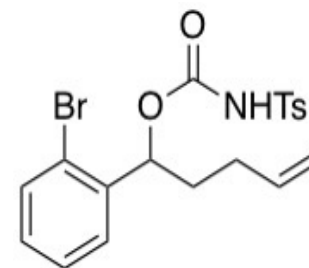
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	61.8
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



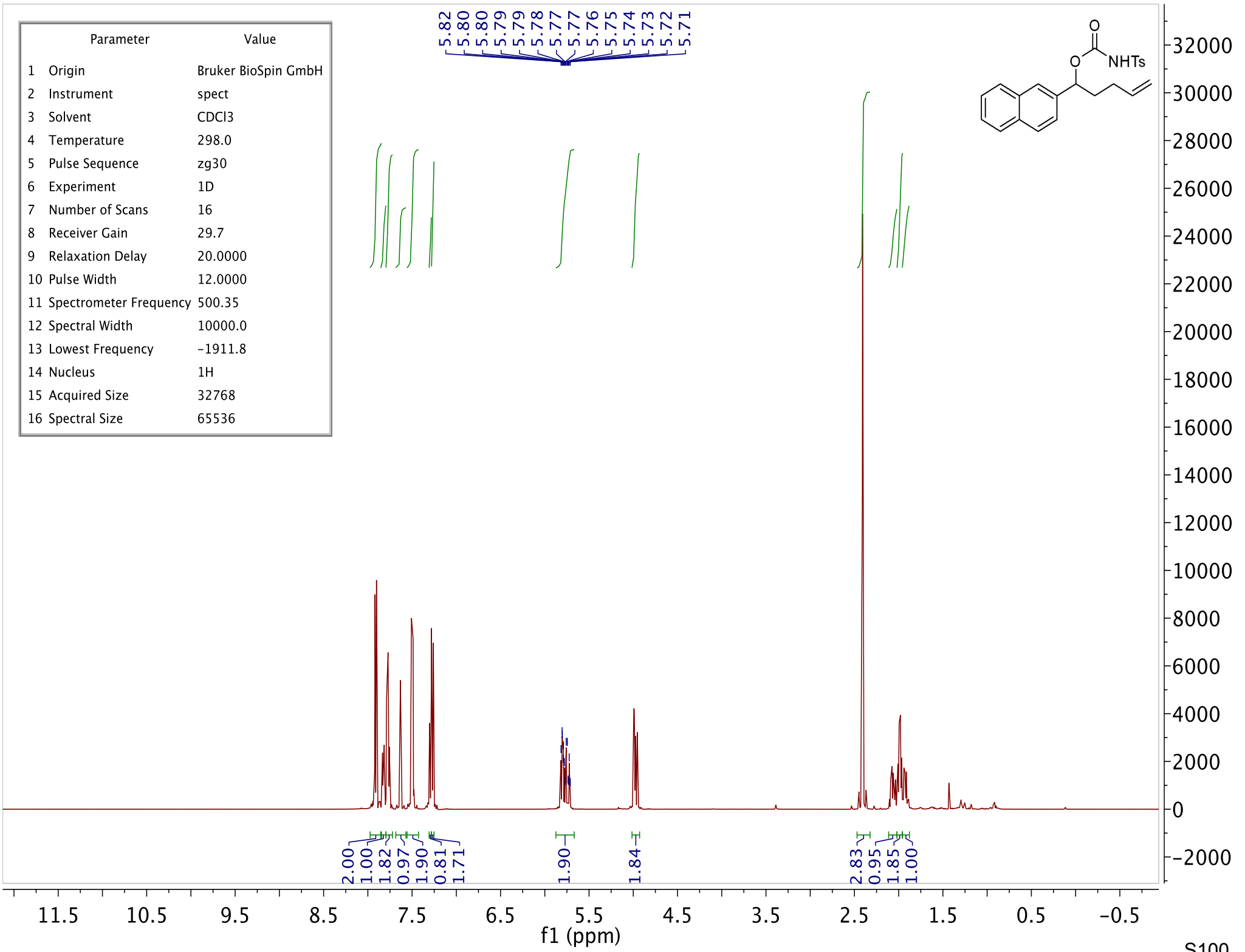
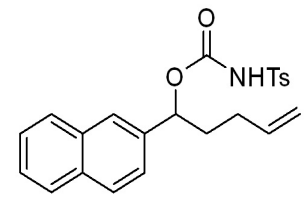
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



160-100ppm

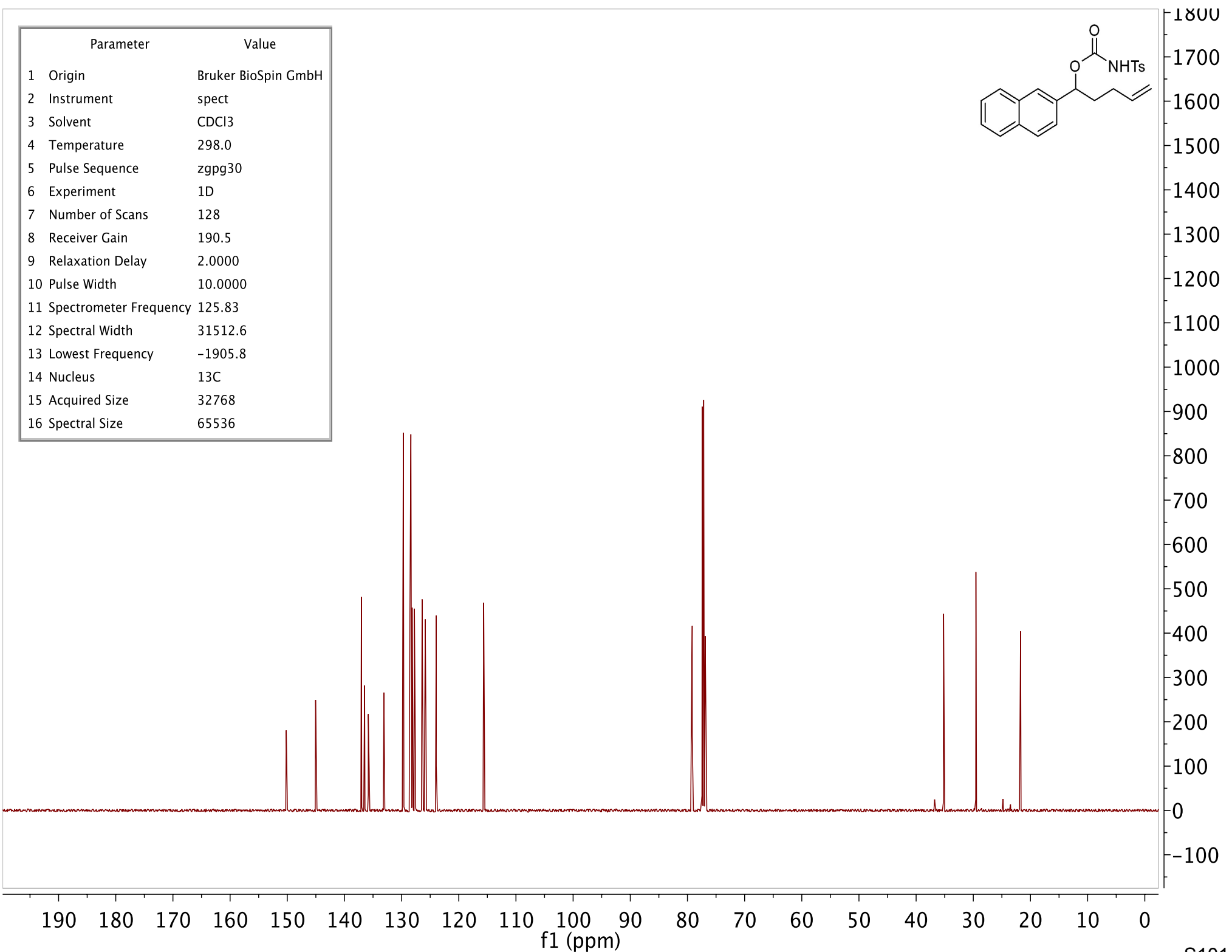
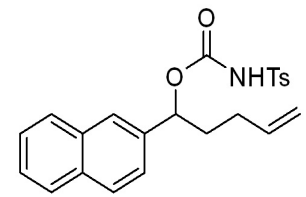


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	20.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1911.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

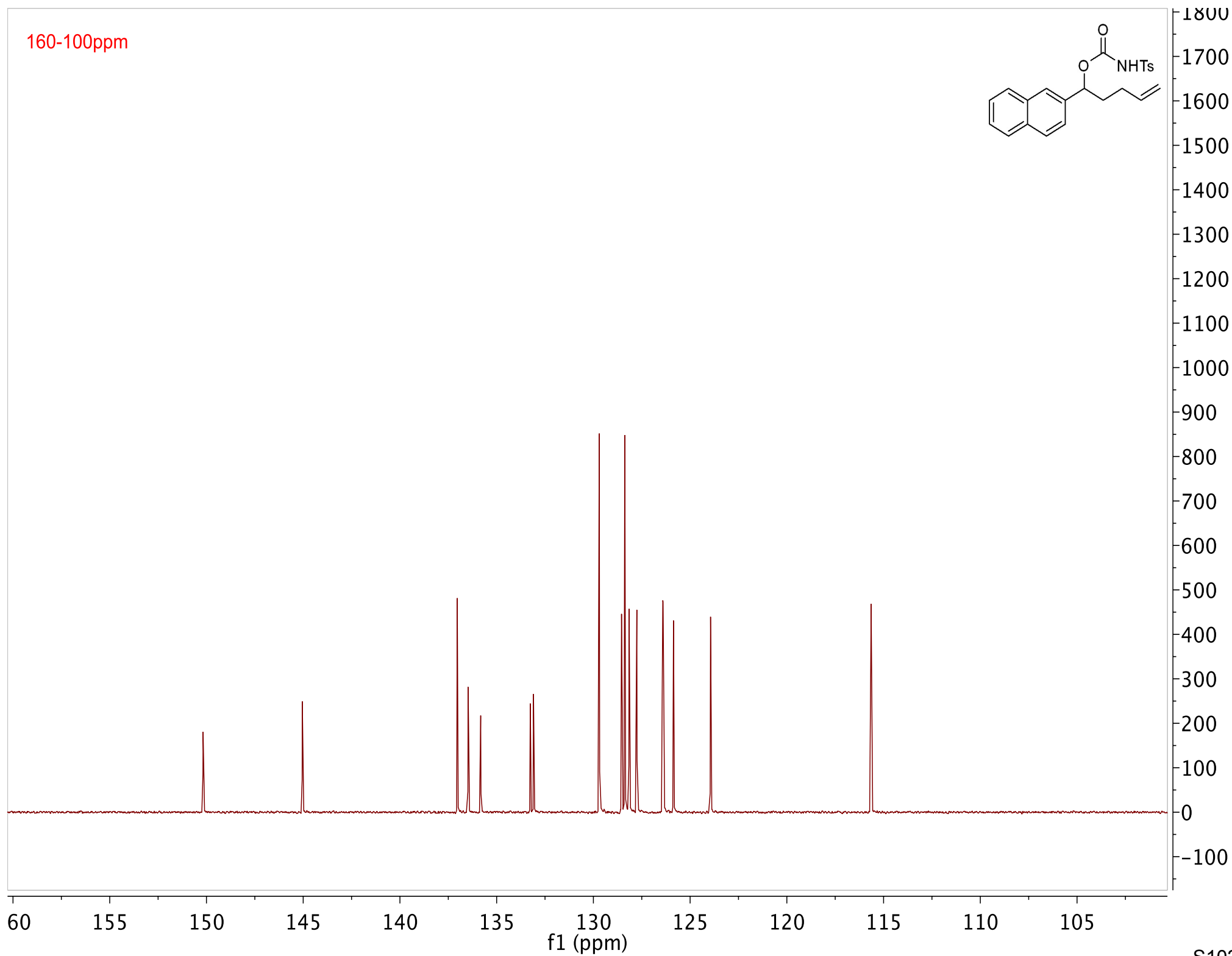
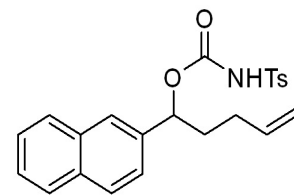


5.82
5.80
5.80
5.79
5.79
5.78
5.77
5.77
5.76
5.75
5.74
5.73
5.72
5.71

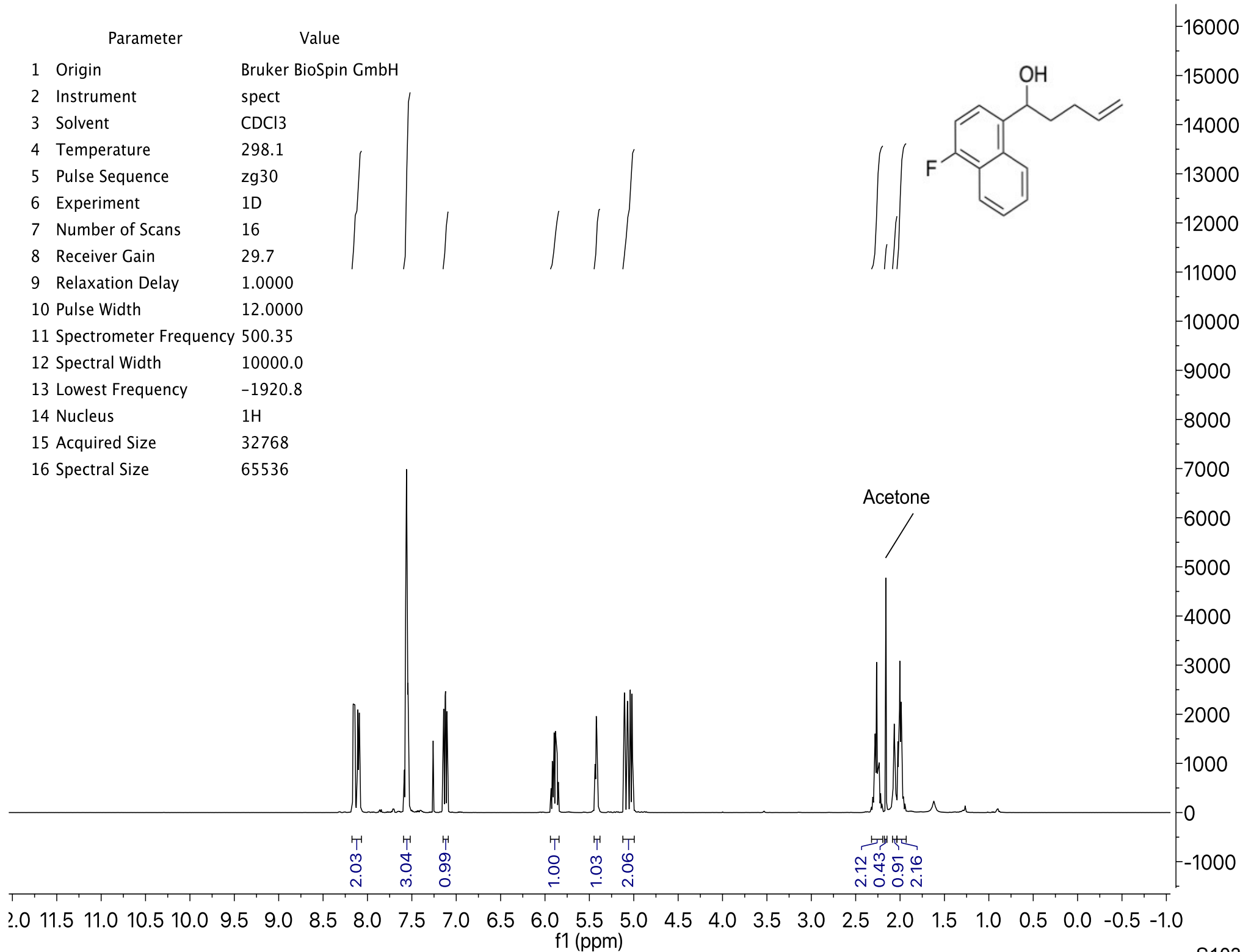
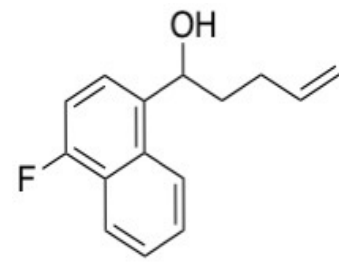
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	128
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1905.8
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



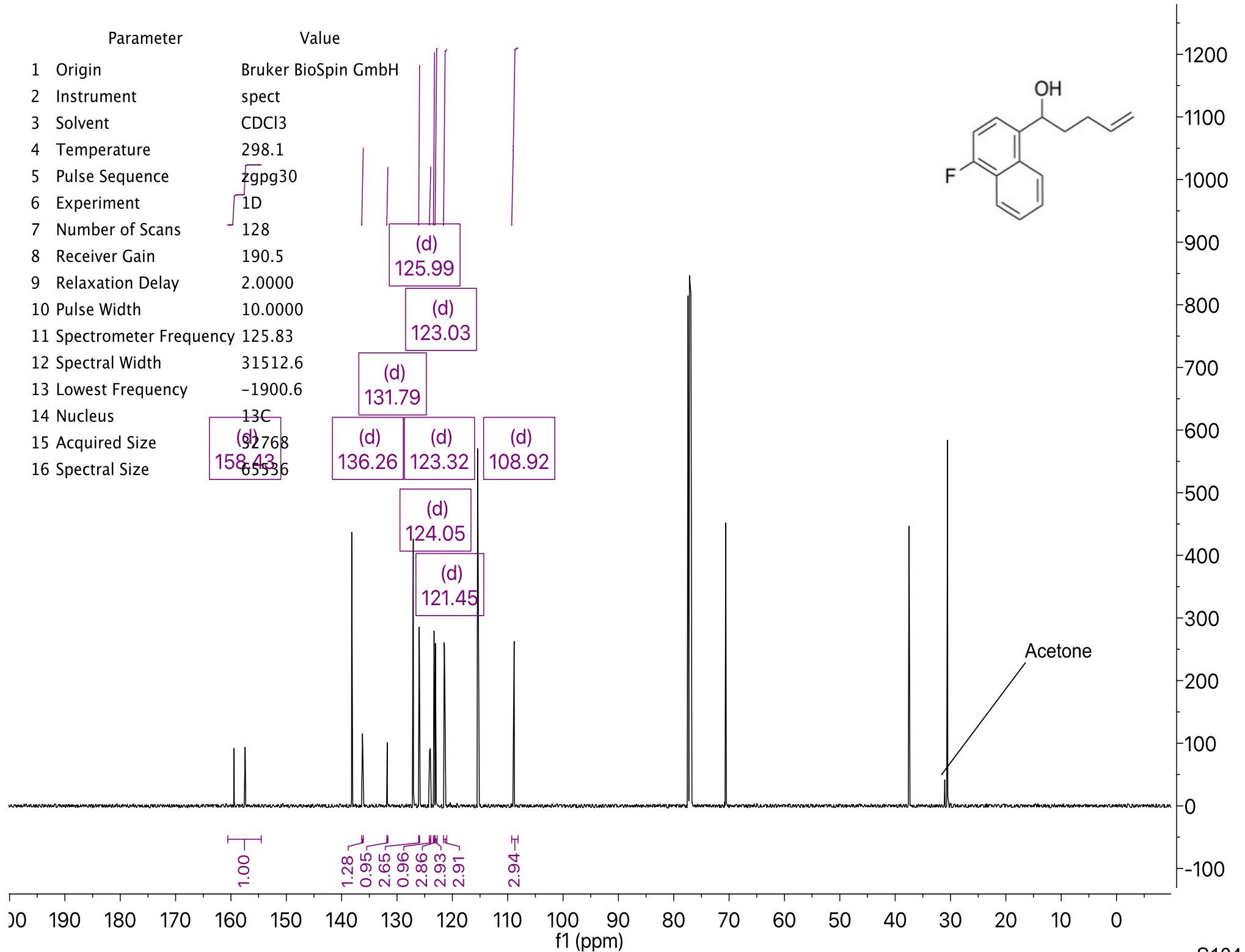
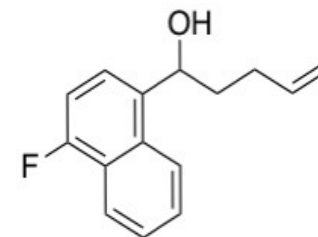
160-100ppm



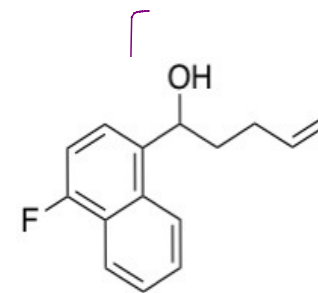
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	1.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1920.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	128
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.6
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



170-100 ppm



(d)
158.43
 $^1J_{CF} = 251.5 \text{ Hz}$

(d) 136.26 (d) 131.79

(d) 125.99 (d) 121.45

(d) 123.32

(d) 124.05

(d) 123.03

$^2J_{CF} = 16.2 \text{ Hz}$

(d) 108.92

$^2J_{CF} = 19.8 \text{ Hz}$

1.00

1.28

0.95

2.65

0.96

2.86

2.93

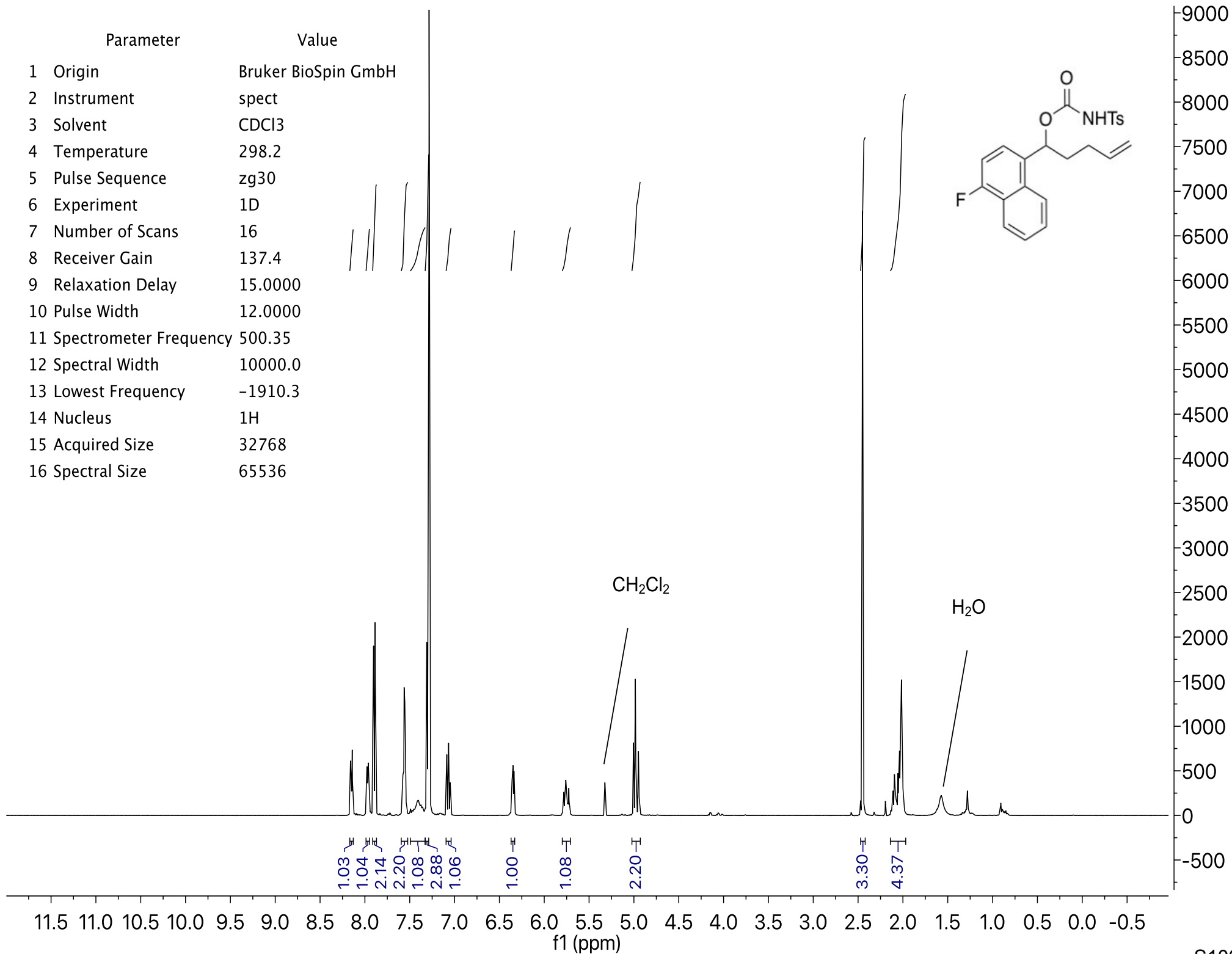
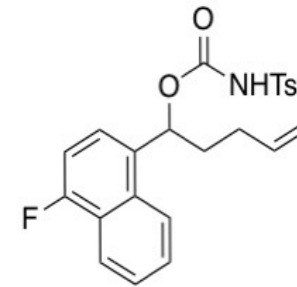
2.91

2.94

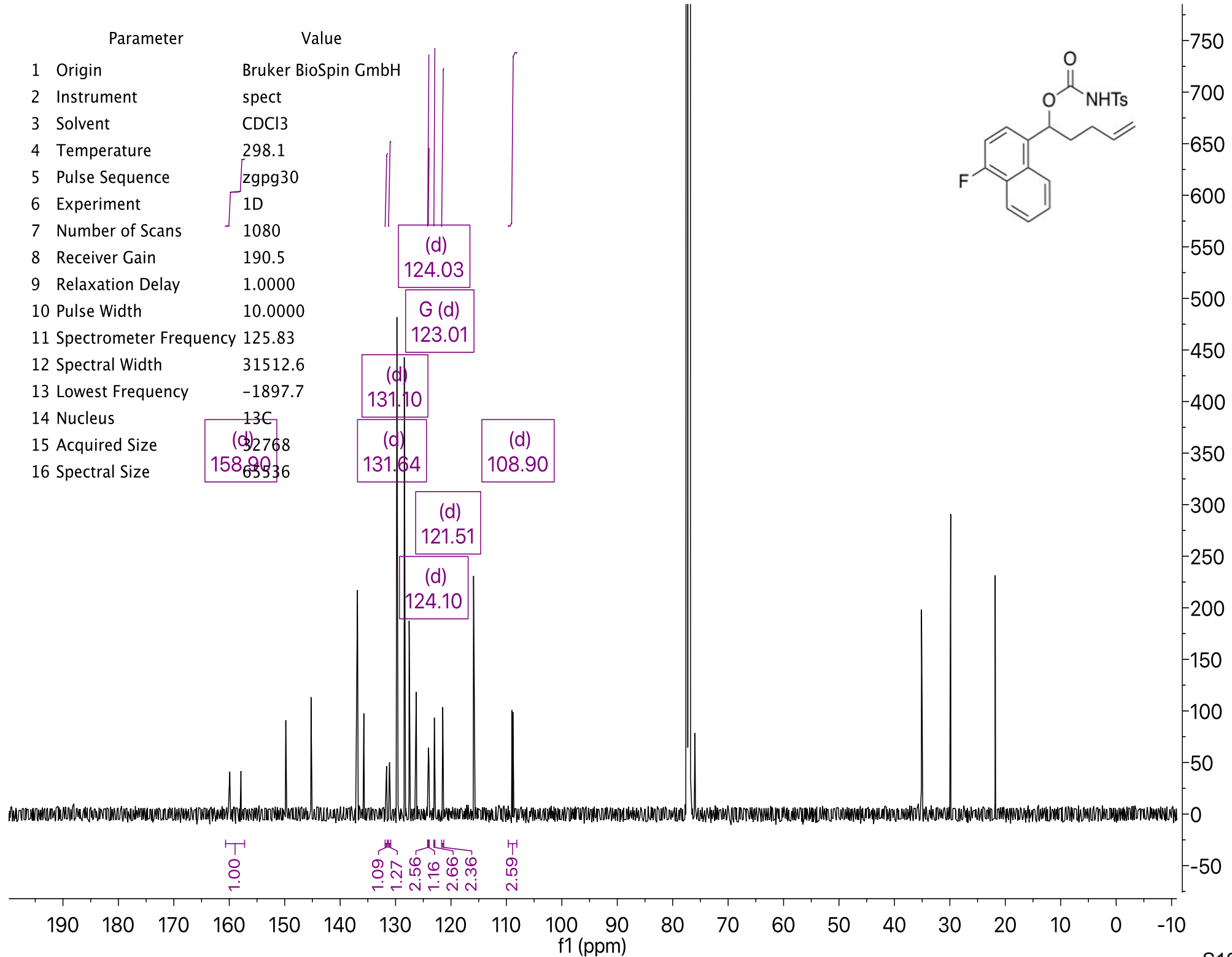
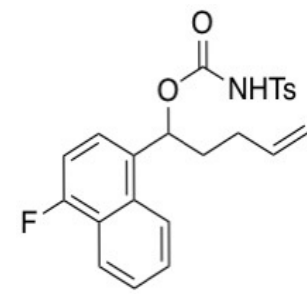
165 160 155 150 145 140 135 130 125 120 115 110 105 100
f1 (ppm)

1200
1100
1000
900
800
700
600
500
400
300
200
100
0
-100

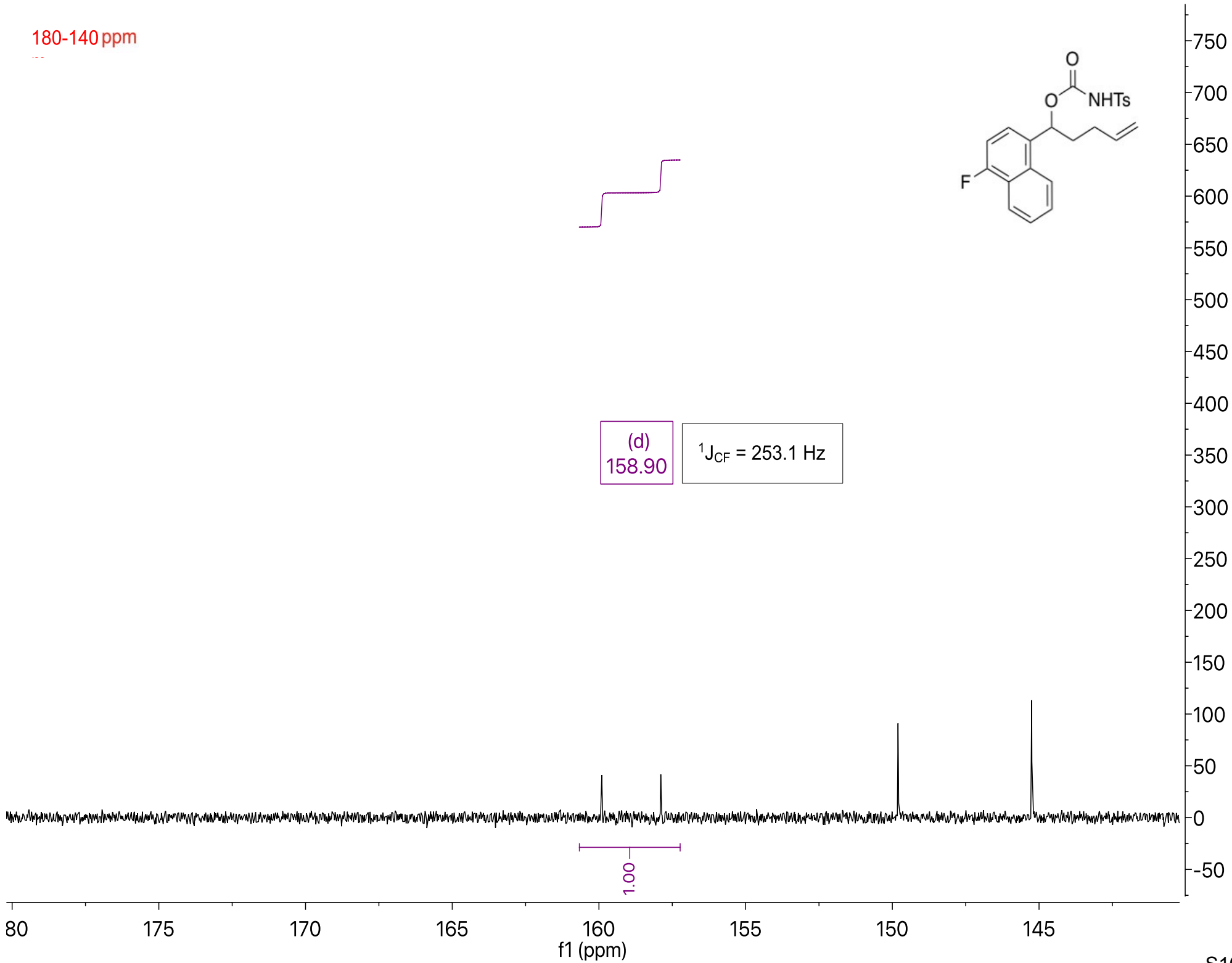
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	137.4
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1910.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



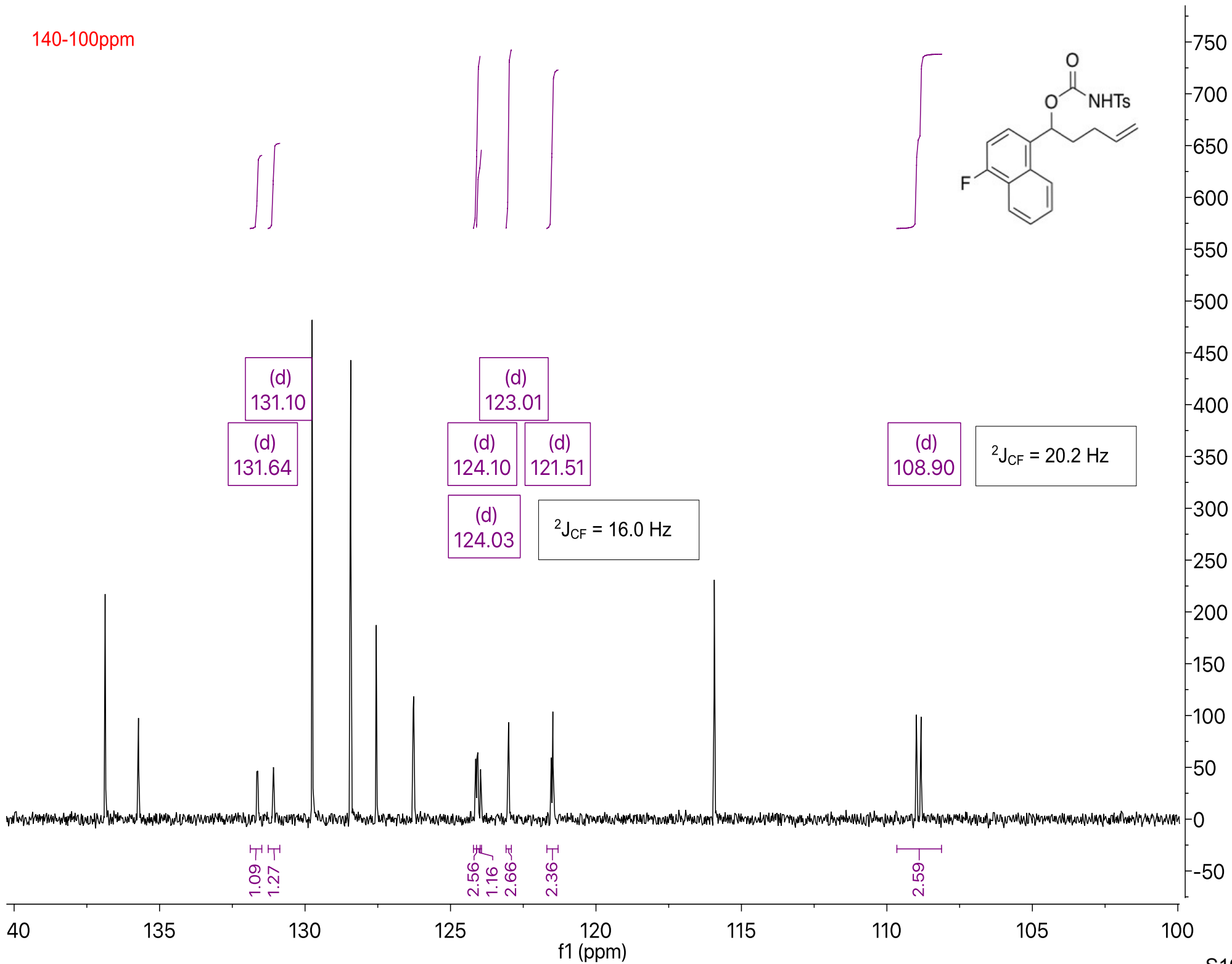
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1080
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1897.7
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



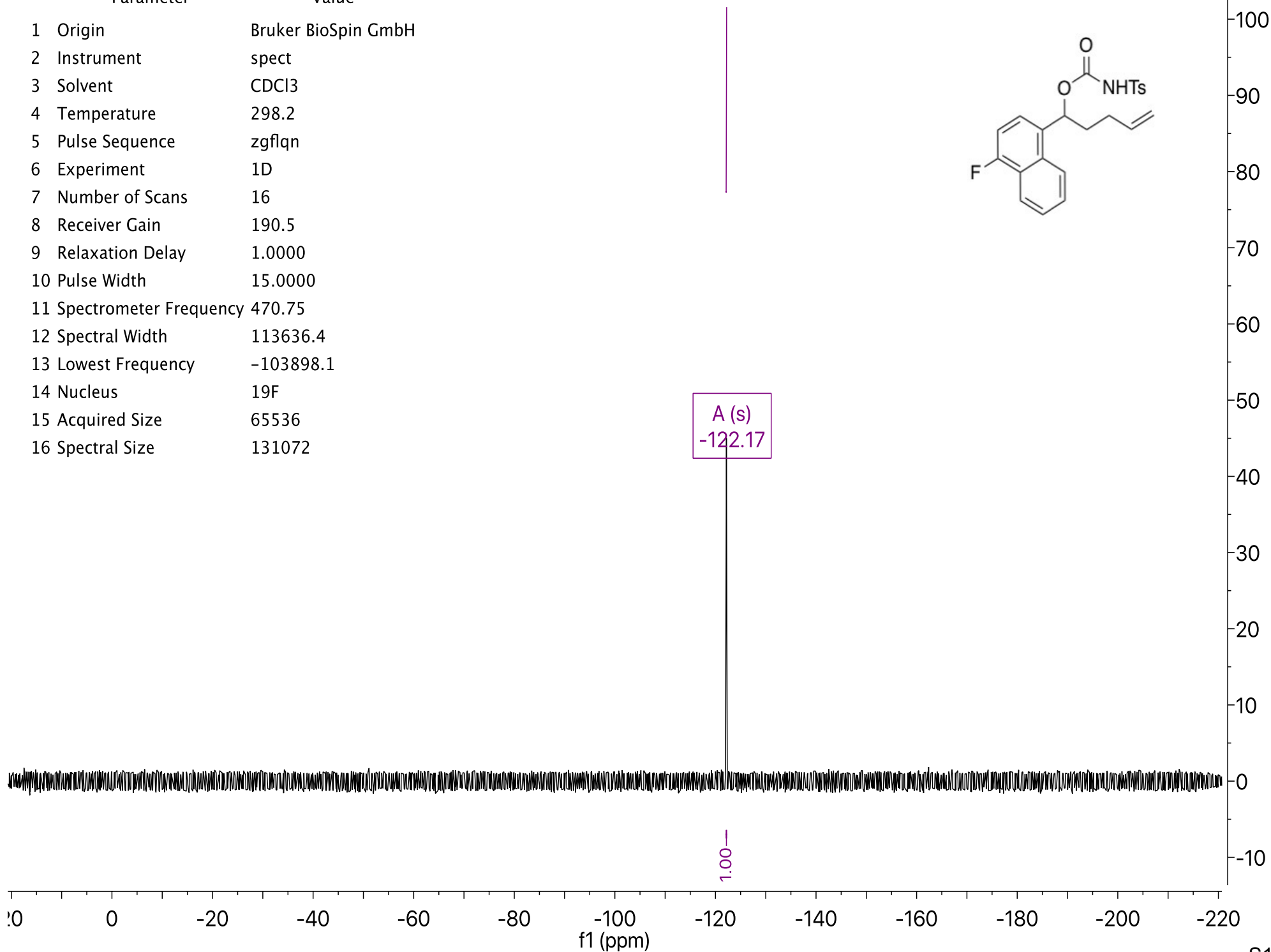
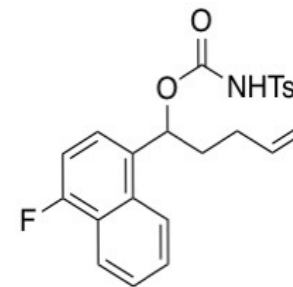
180-140 ppm



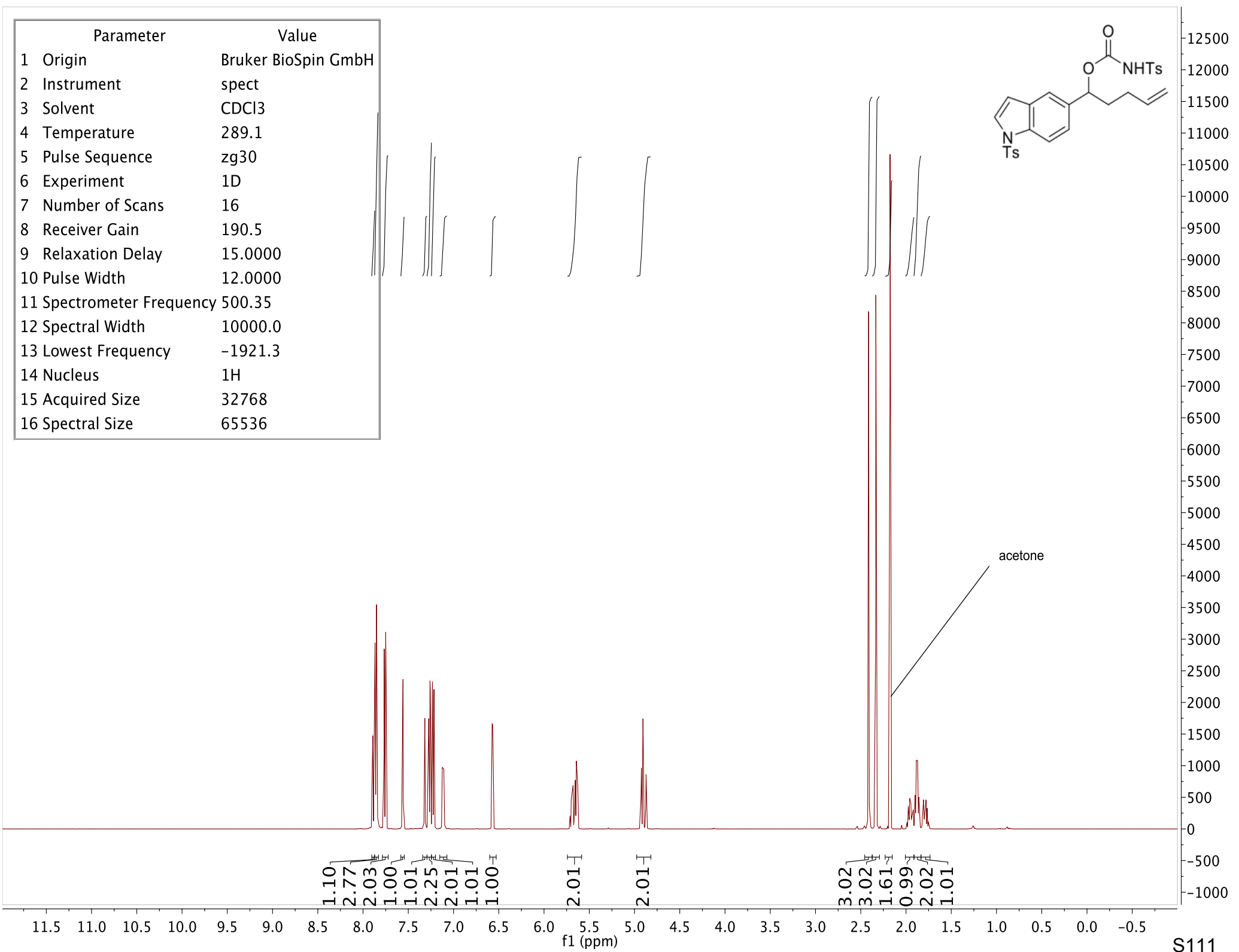
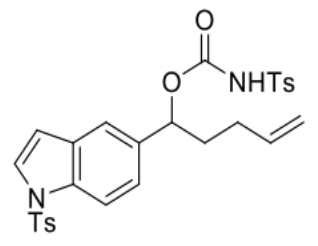
140-100ppm



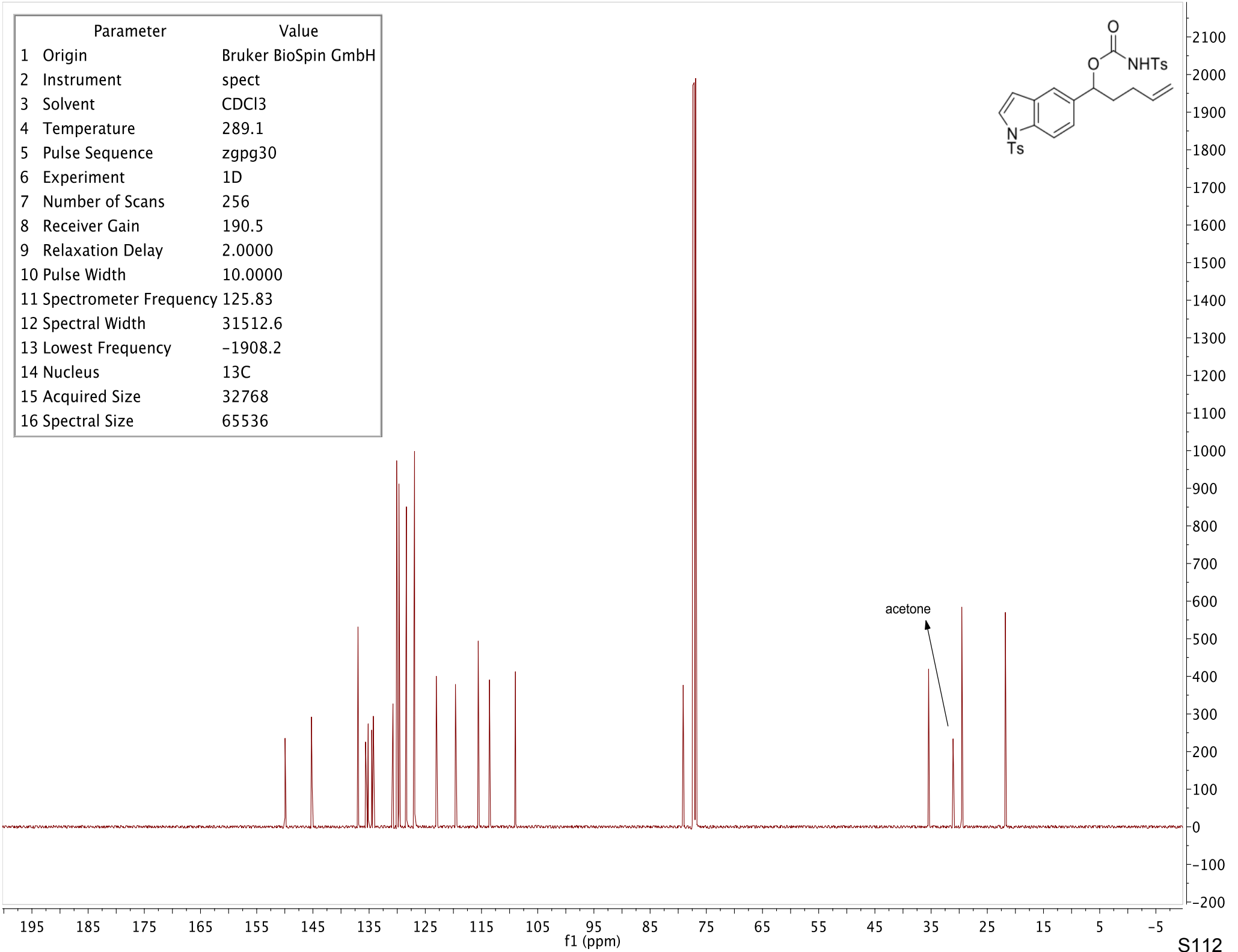
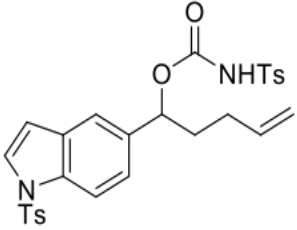
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgflqn
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	15.0000
11 Spectrometer Frequency	470.75
12 Spectral Width	113636.4
13 Lowest Frequency	-103898.1
14 Nucleus	19F
15 Acquired Size	65536
16 Spectral Size	131072



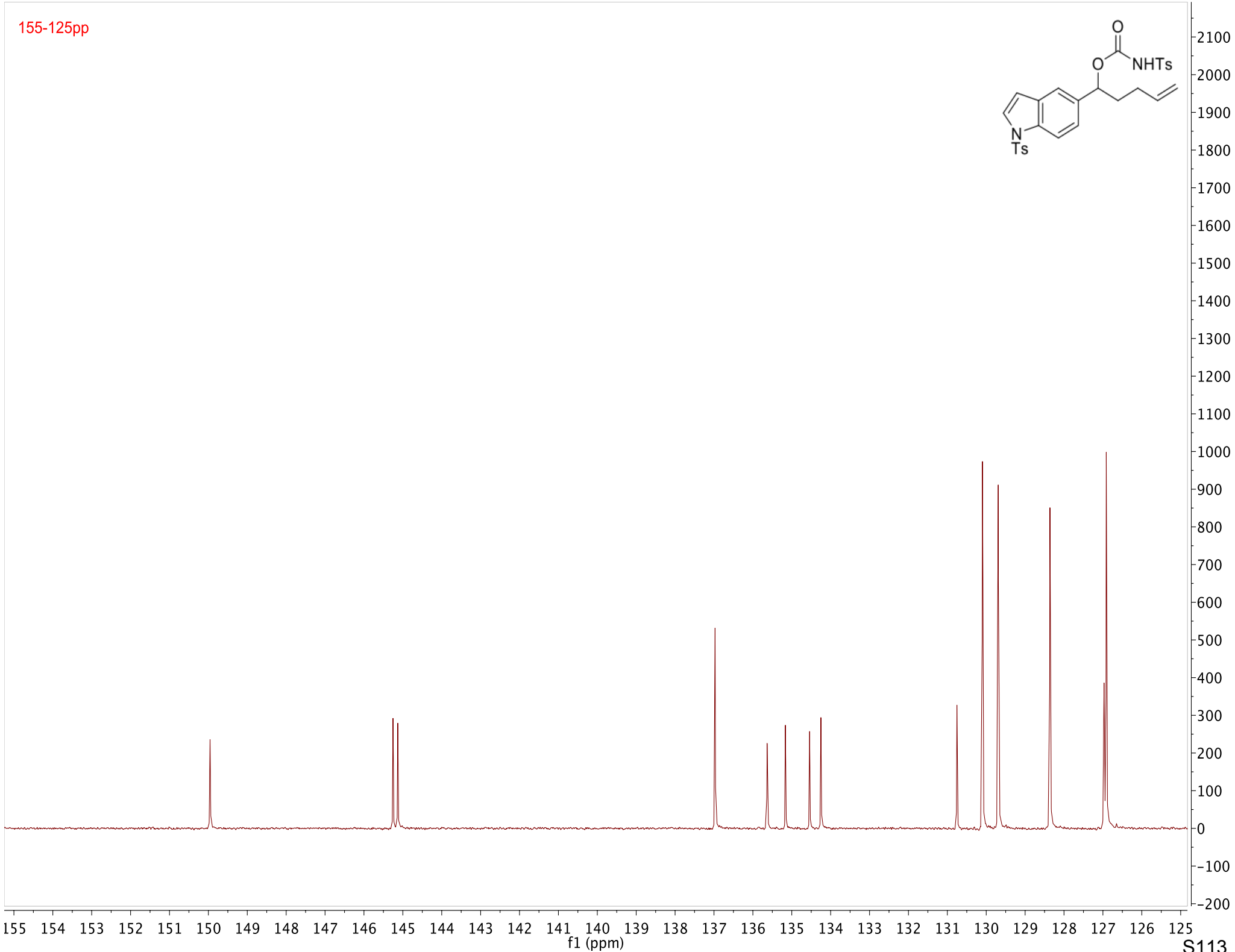
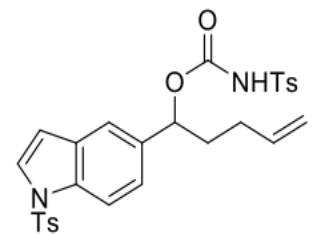
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	190.5
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

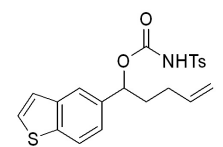
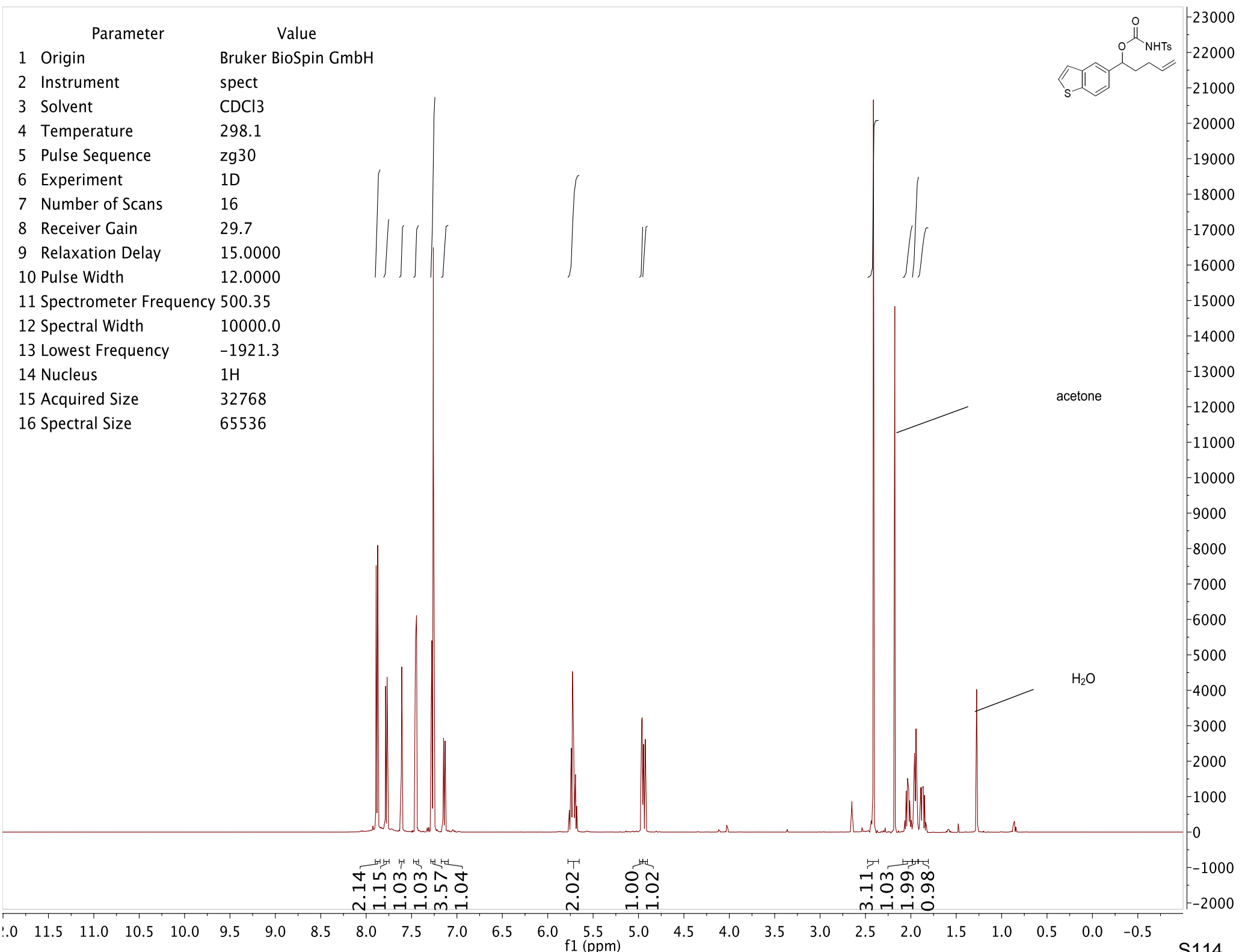


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1908.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

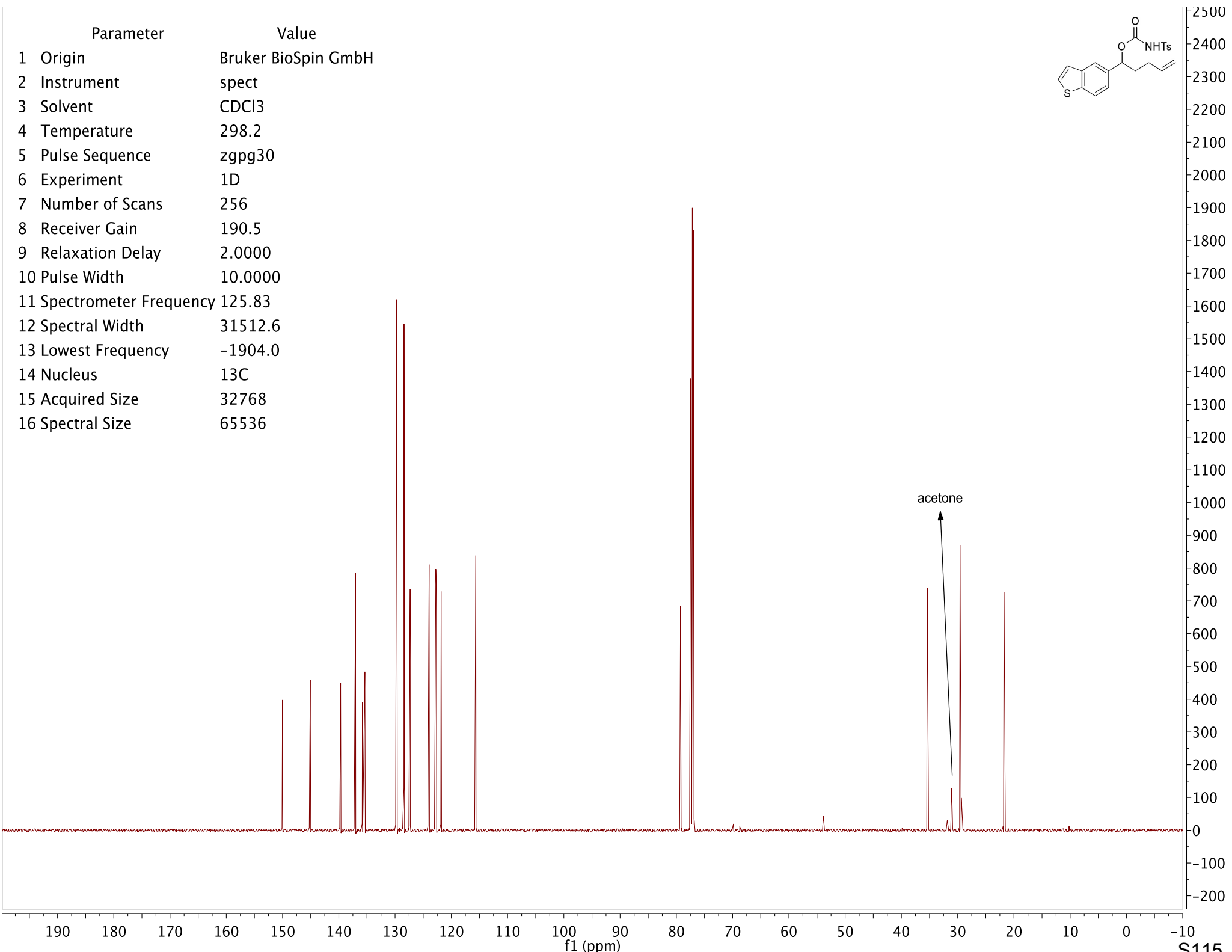
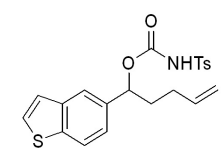


155-125pp

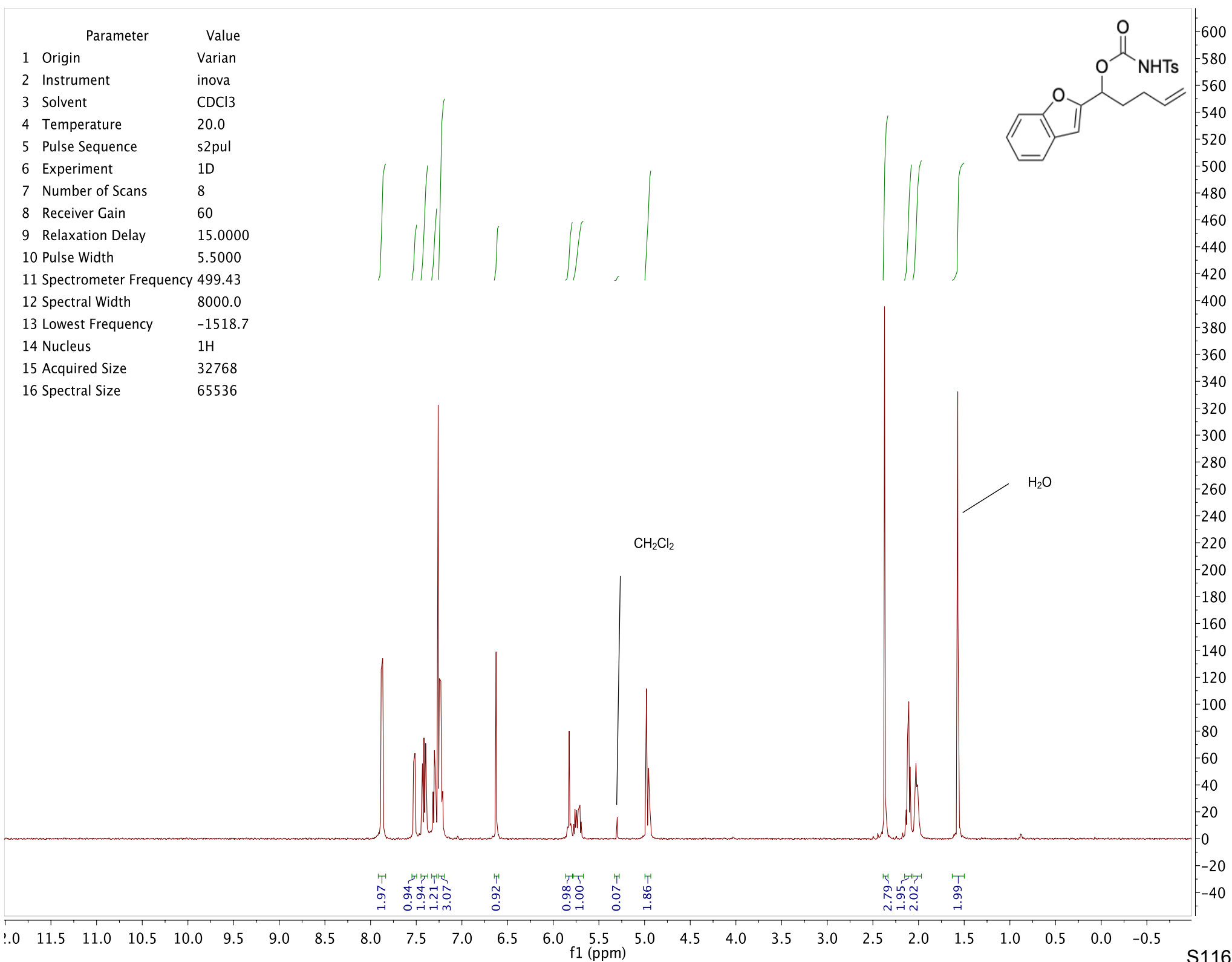
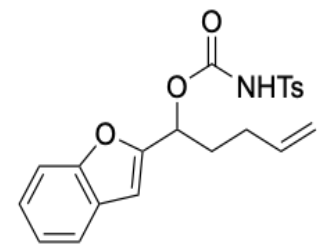




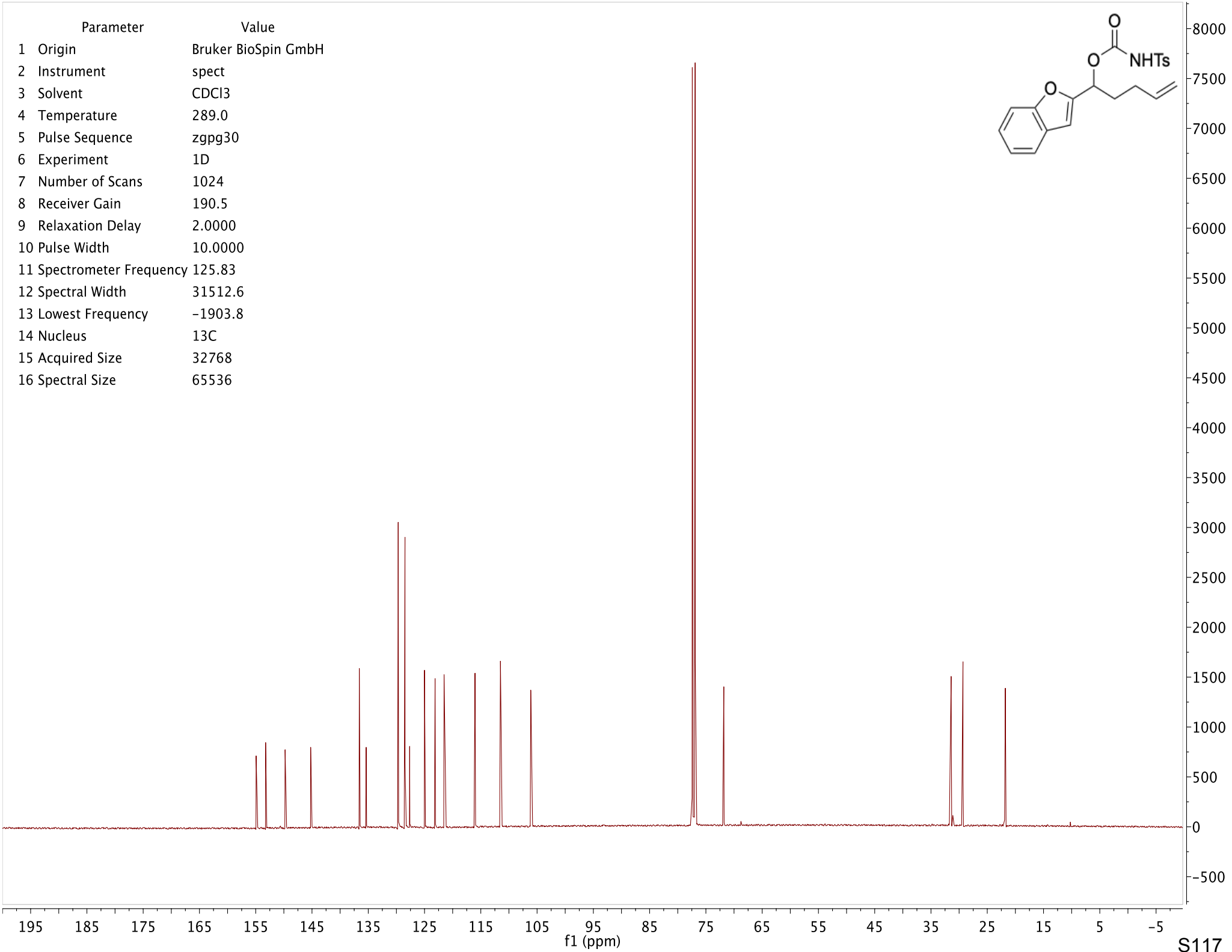
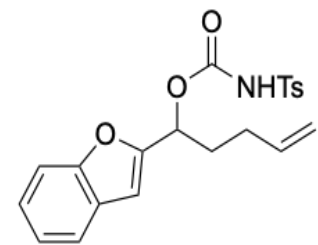
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1904.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Varian
2 Instrument	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	60
9 Relaxation Delay	15.0000
10 Pulse Width	5.5000
11 Spectrometer Frequency	499.43
12 Spectral Width	8000.0
13 Lowest Frequency	-1518.7
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

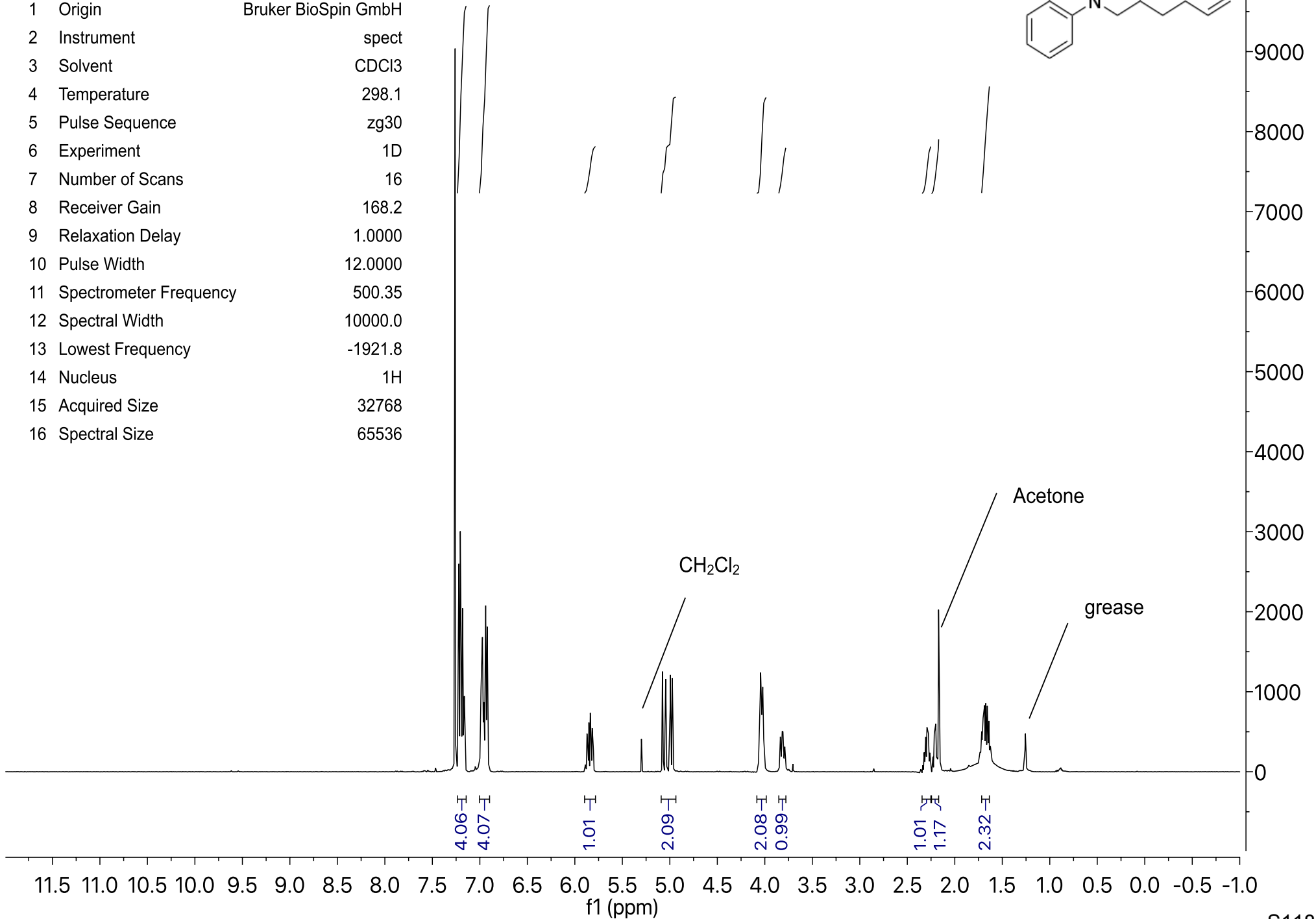
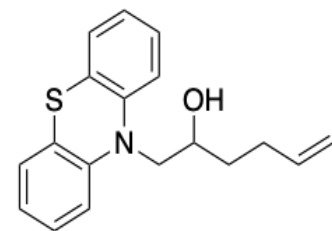


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.8
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



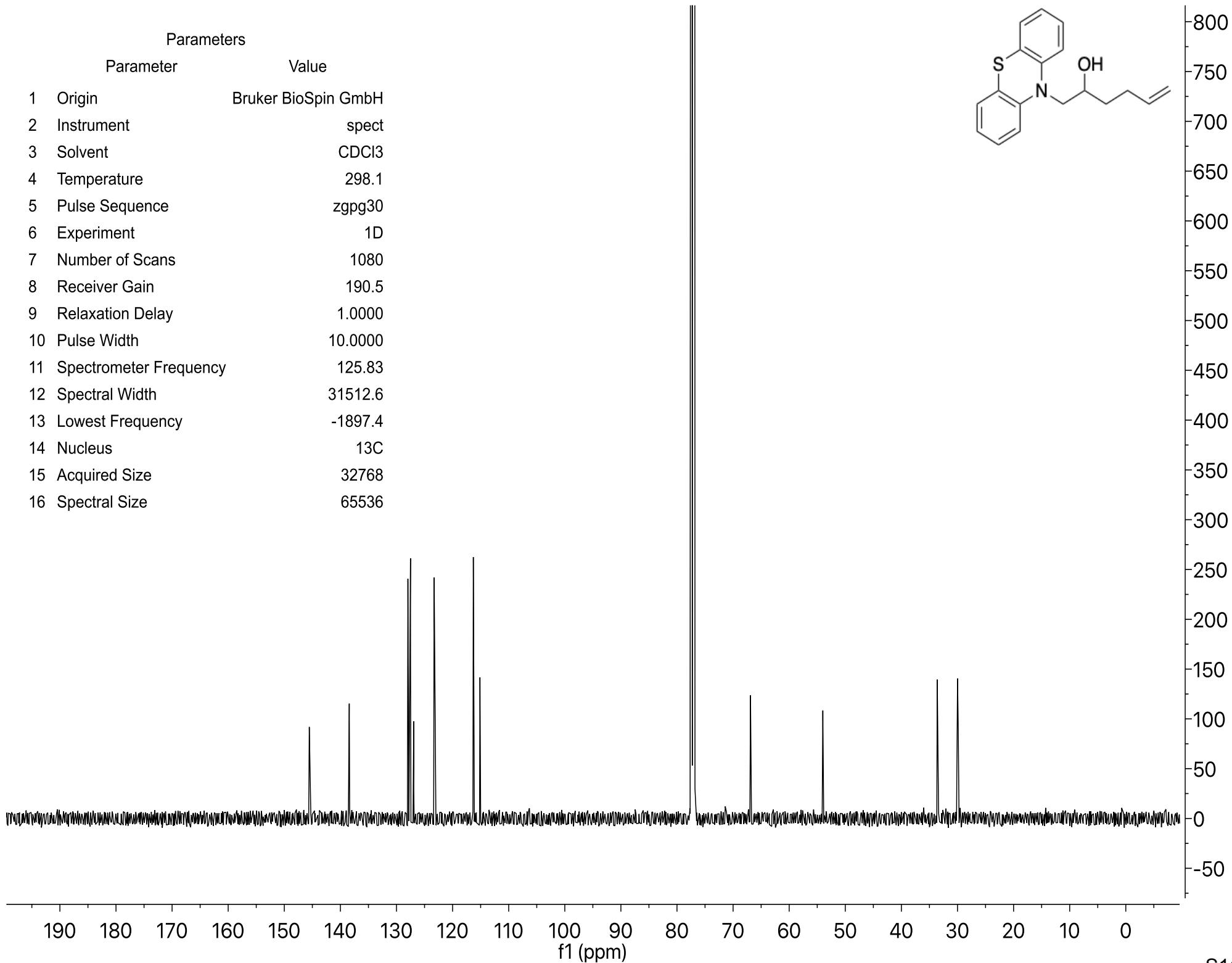
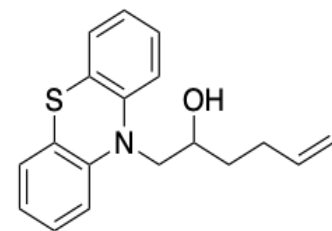
Parameters

Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	168.2
9 Relaxation Delay	1.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

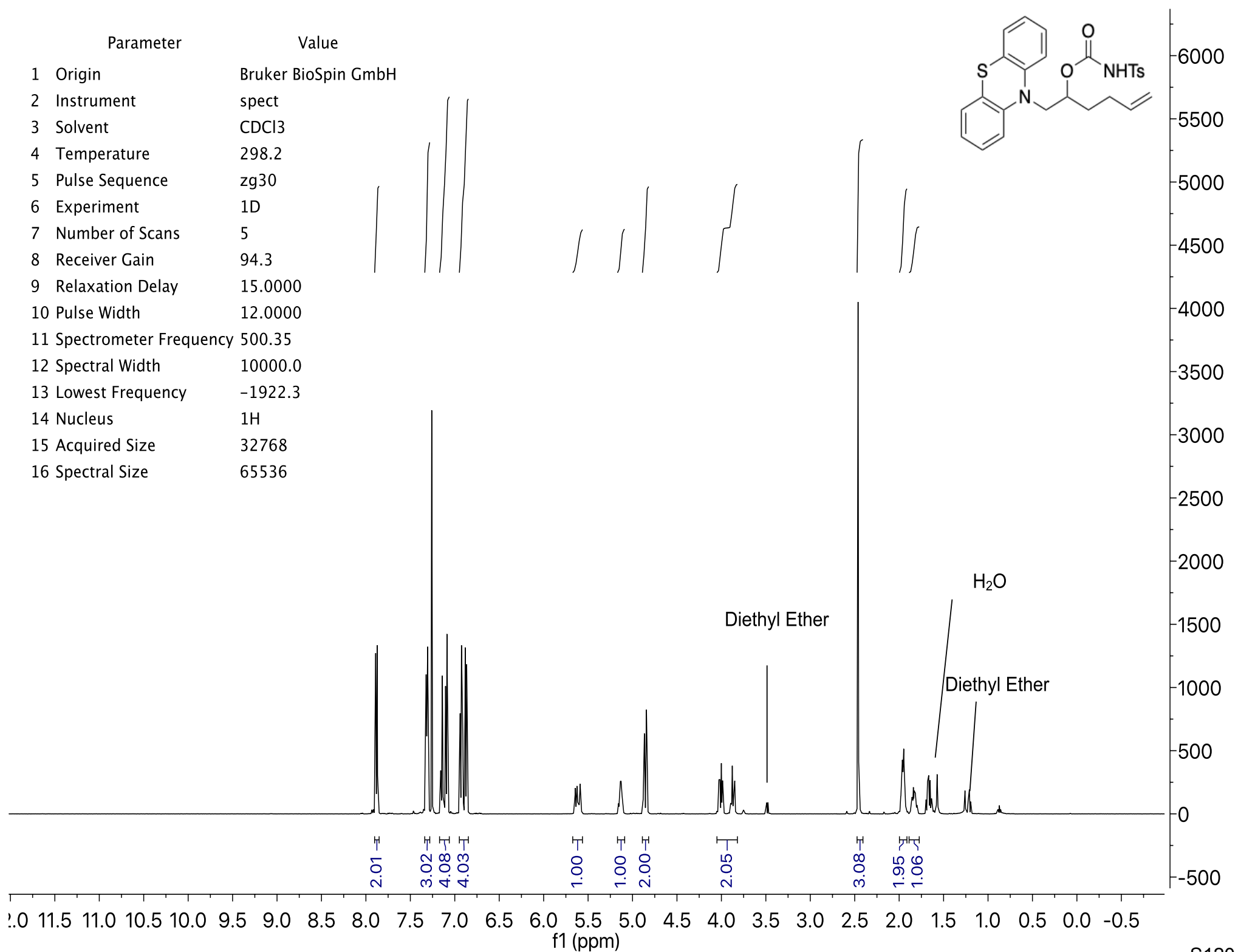
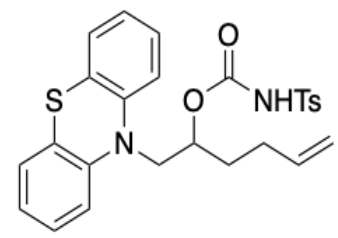


Parameters

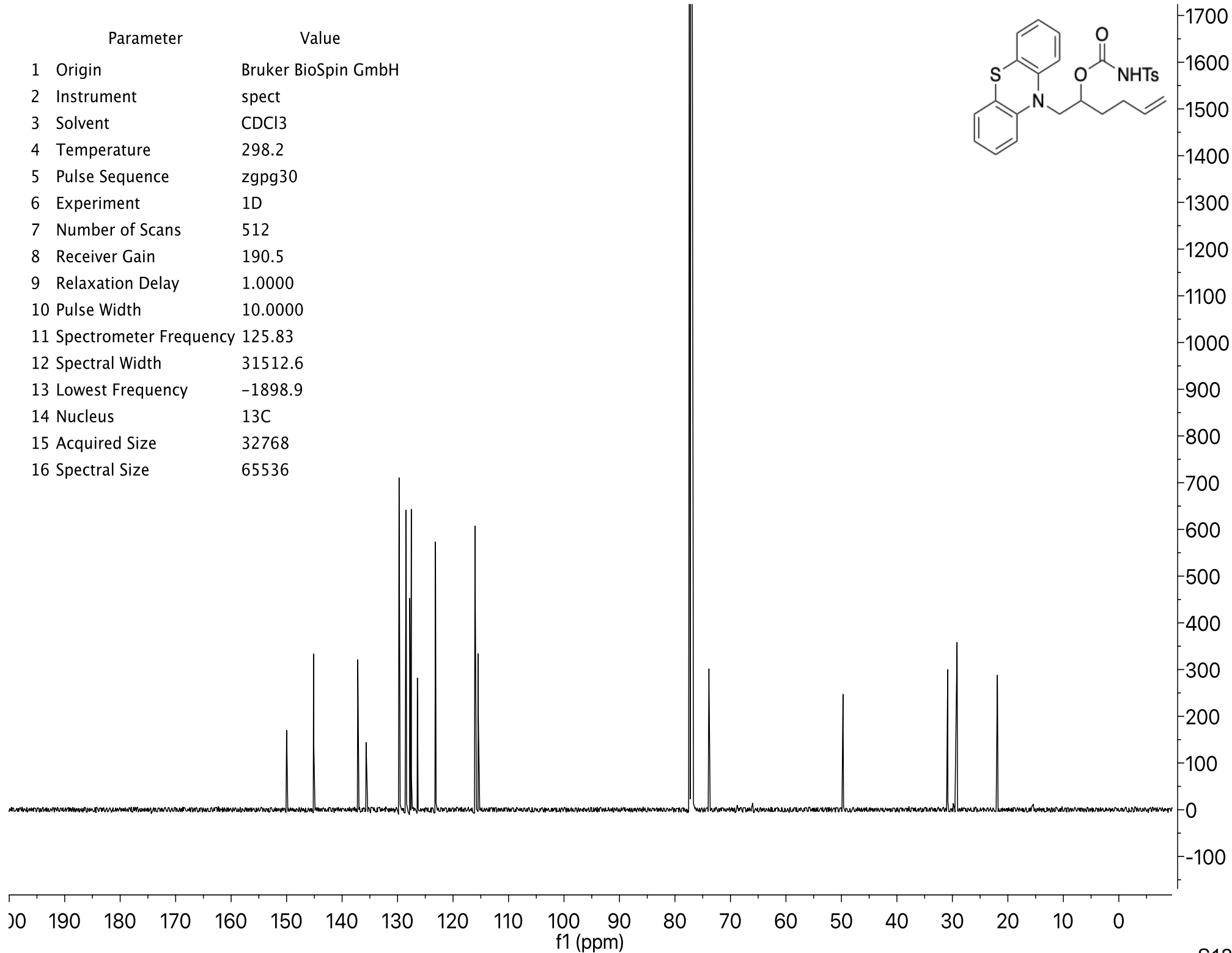
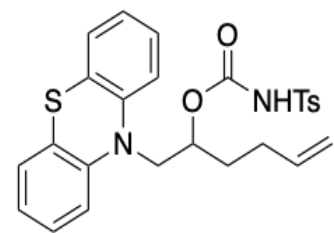
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1080
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1897.4
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



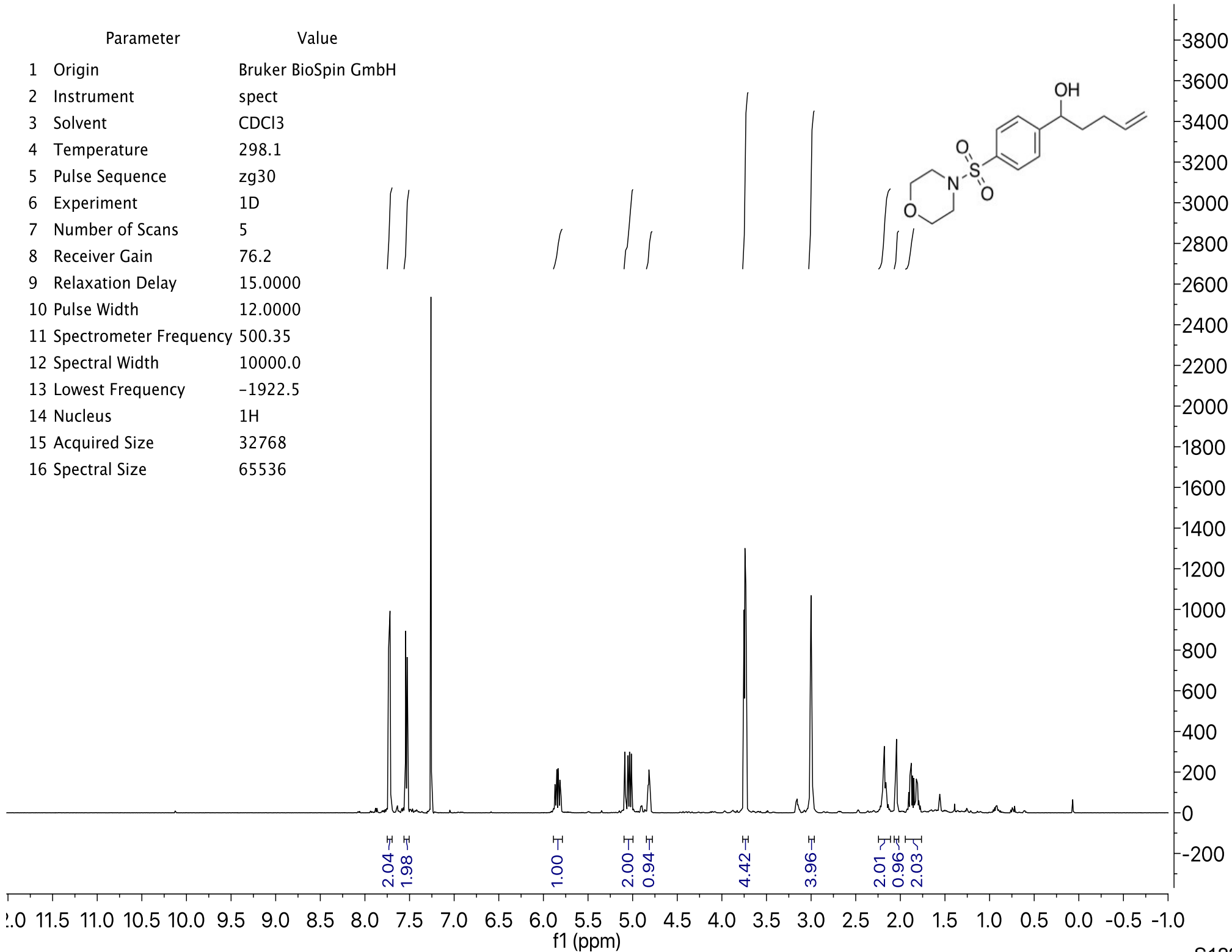
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



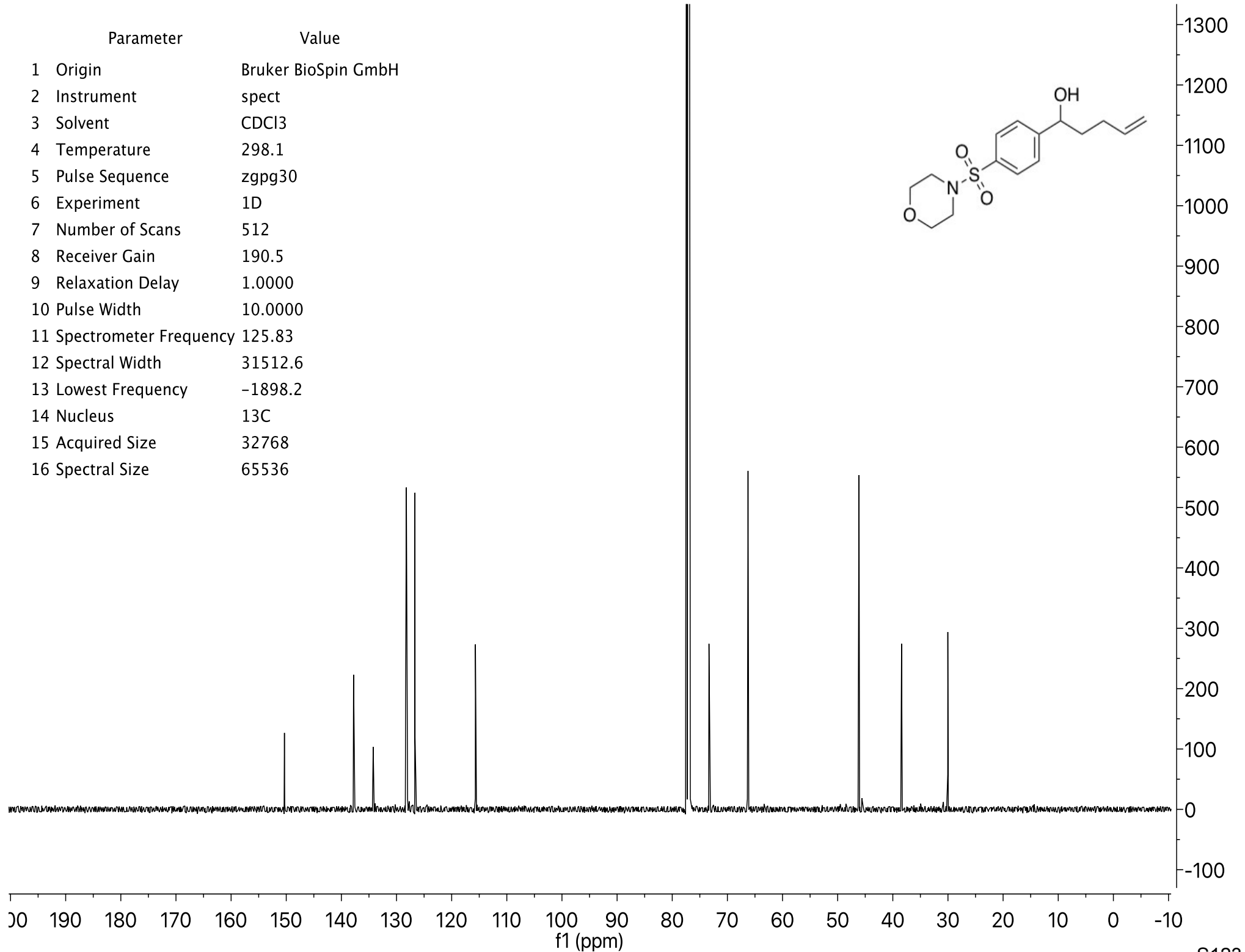
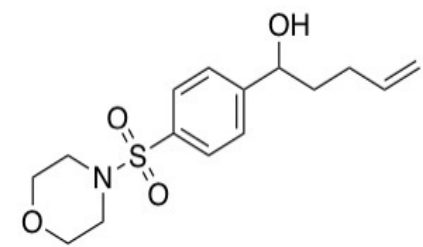
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



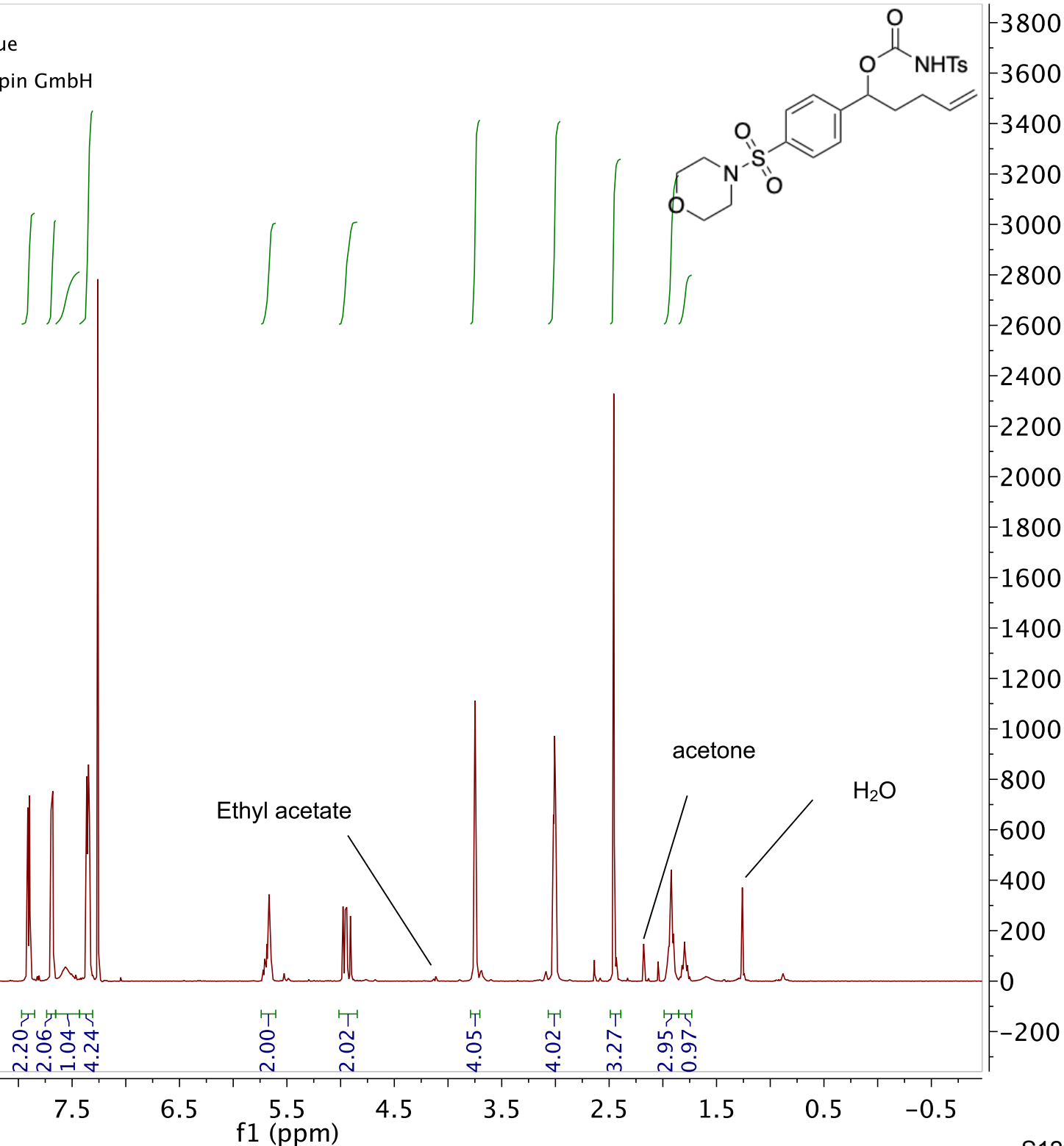
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	76.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.5
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



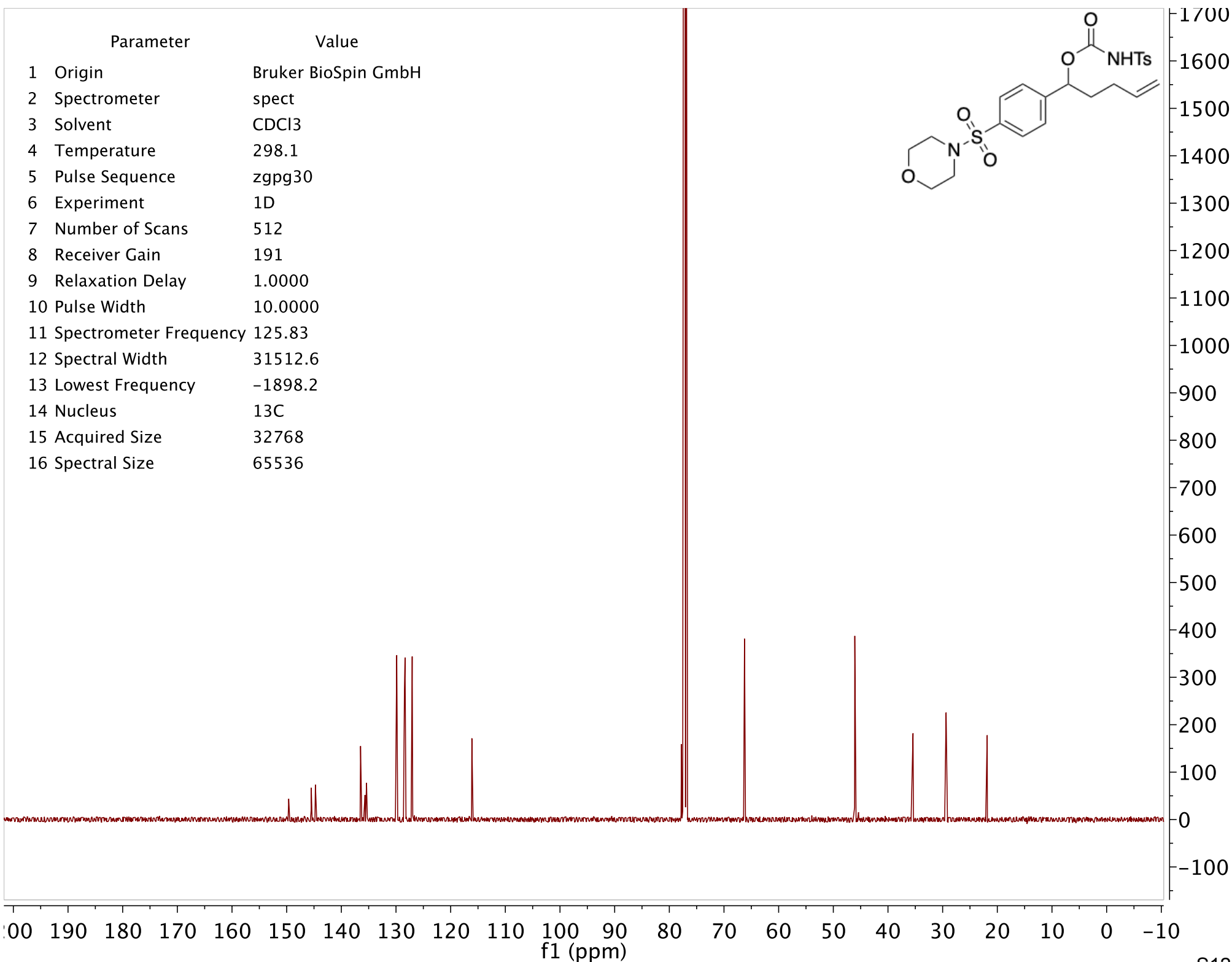
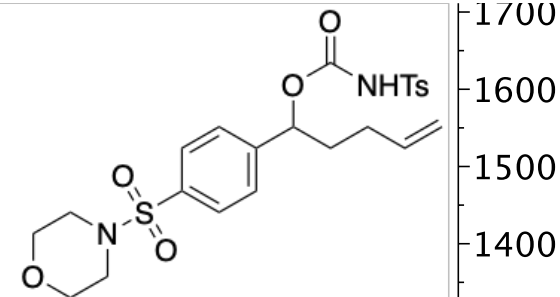
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



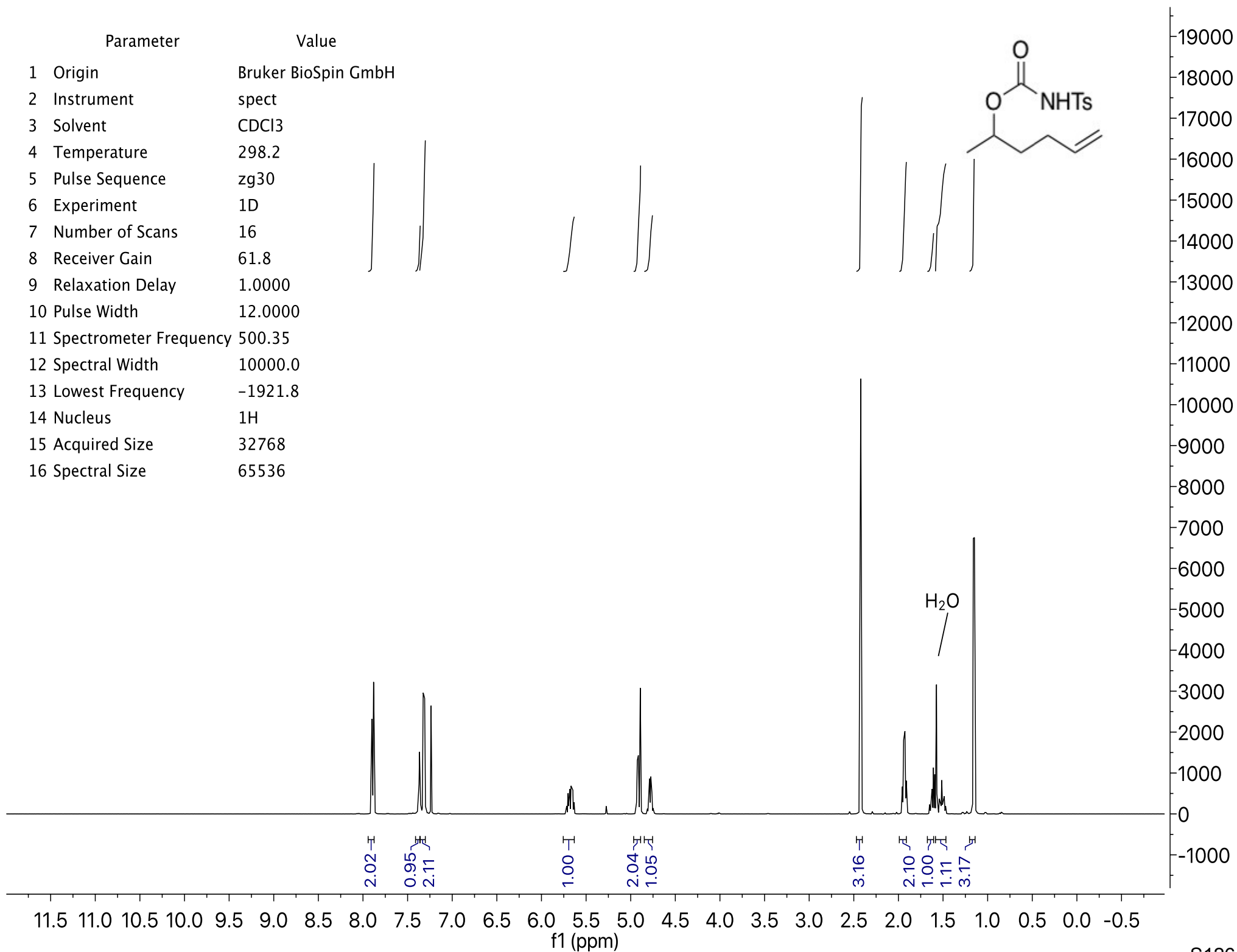
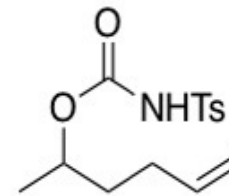
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	123
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



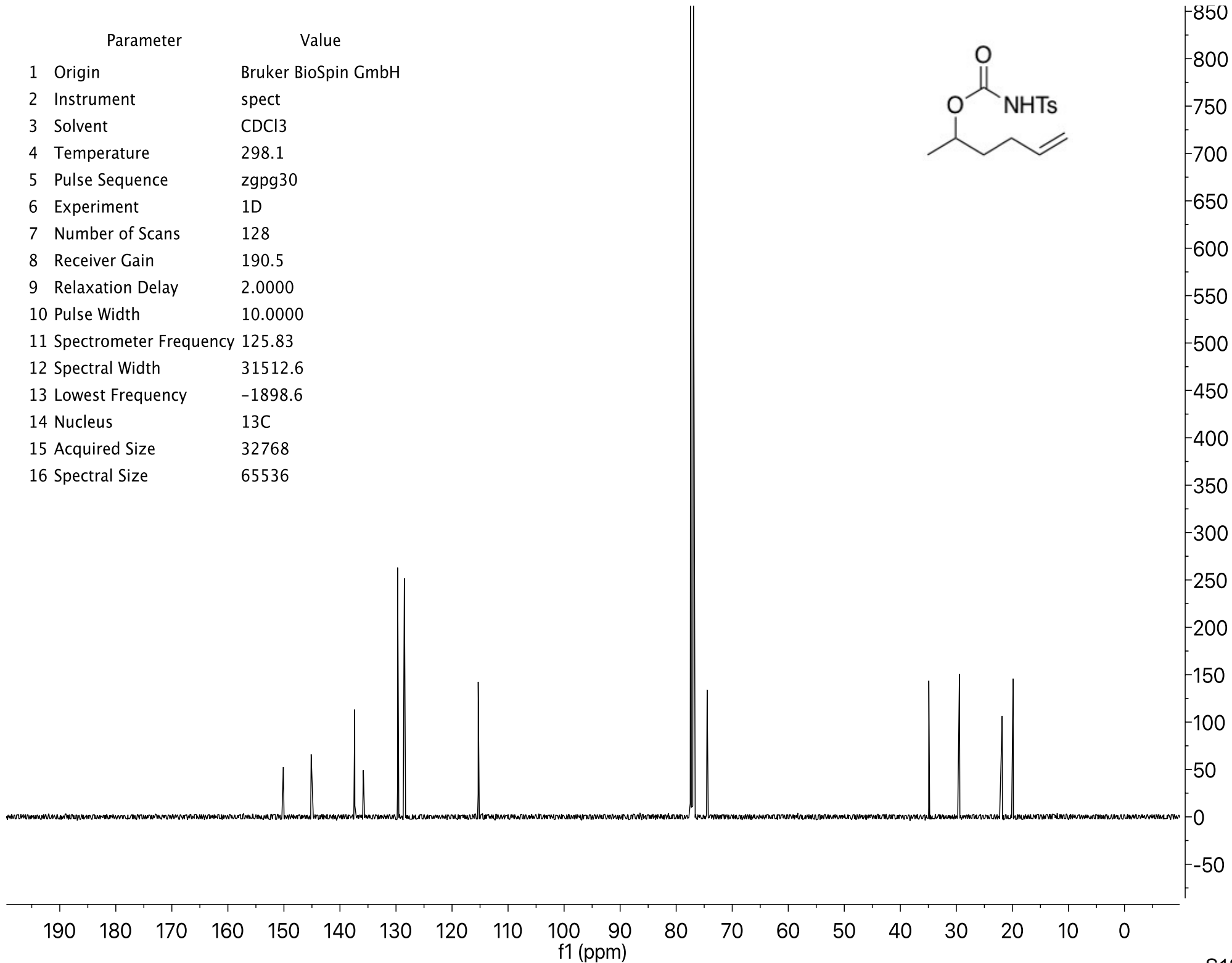
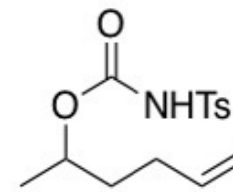
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



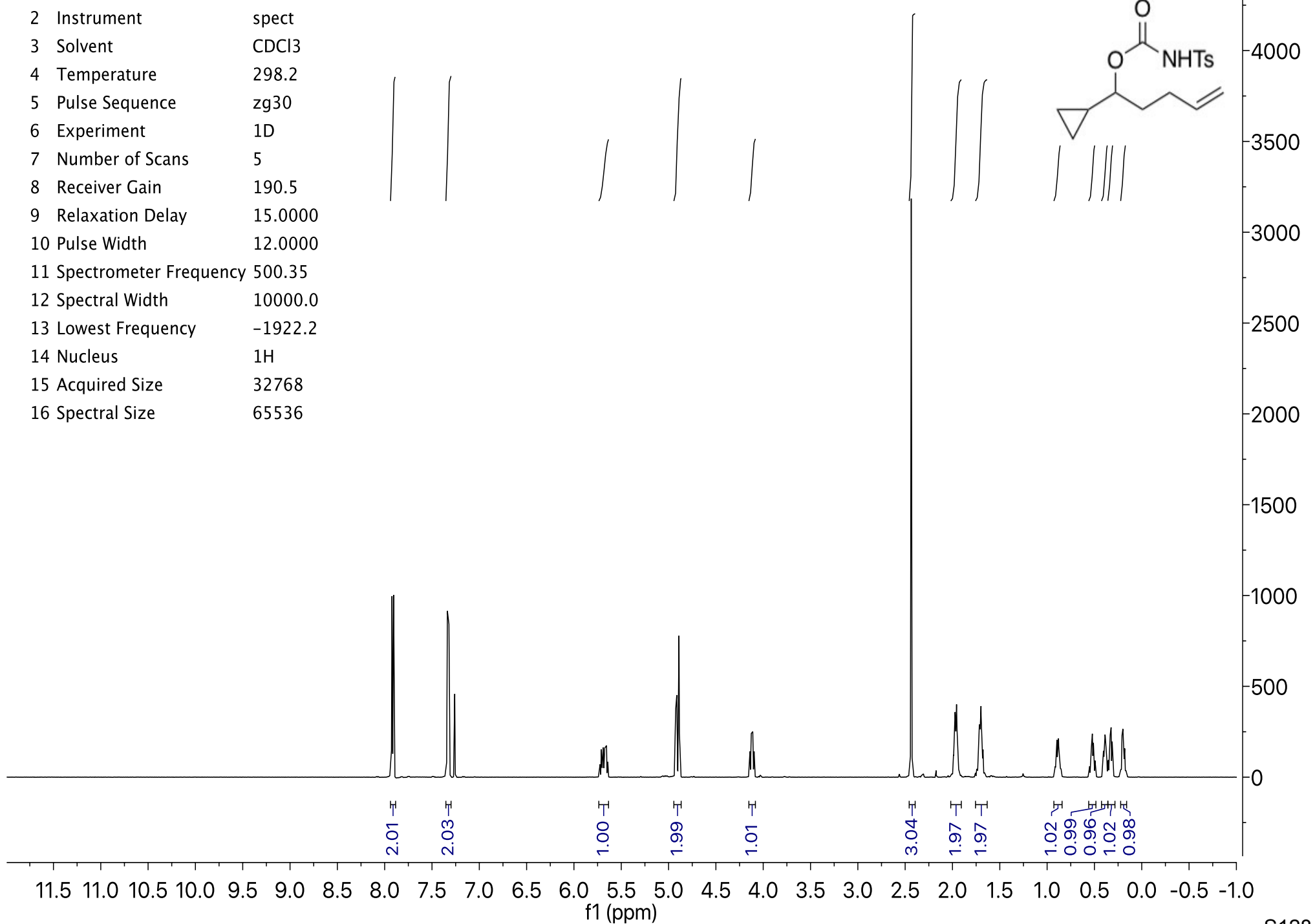
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	61.8
9 Relaxation Delay	1.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



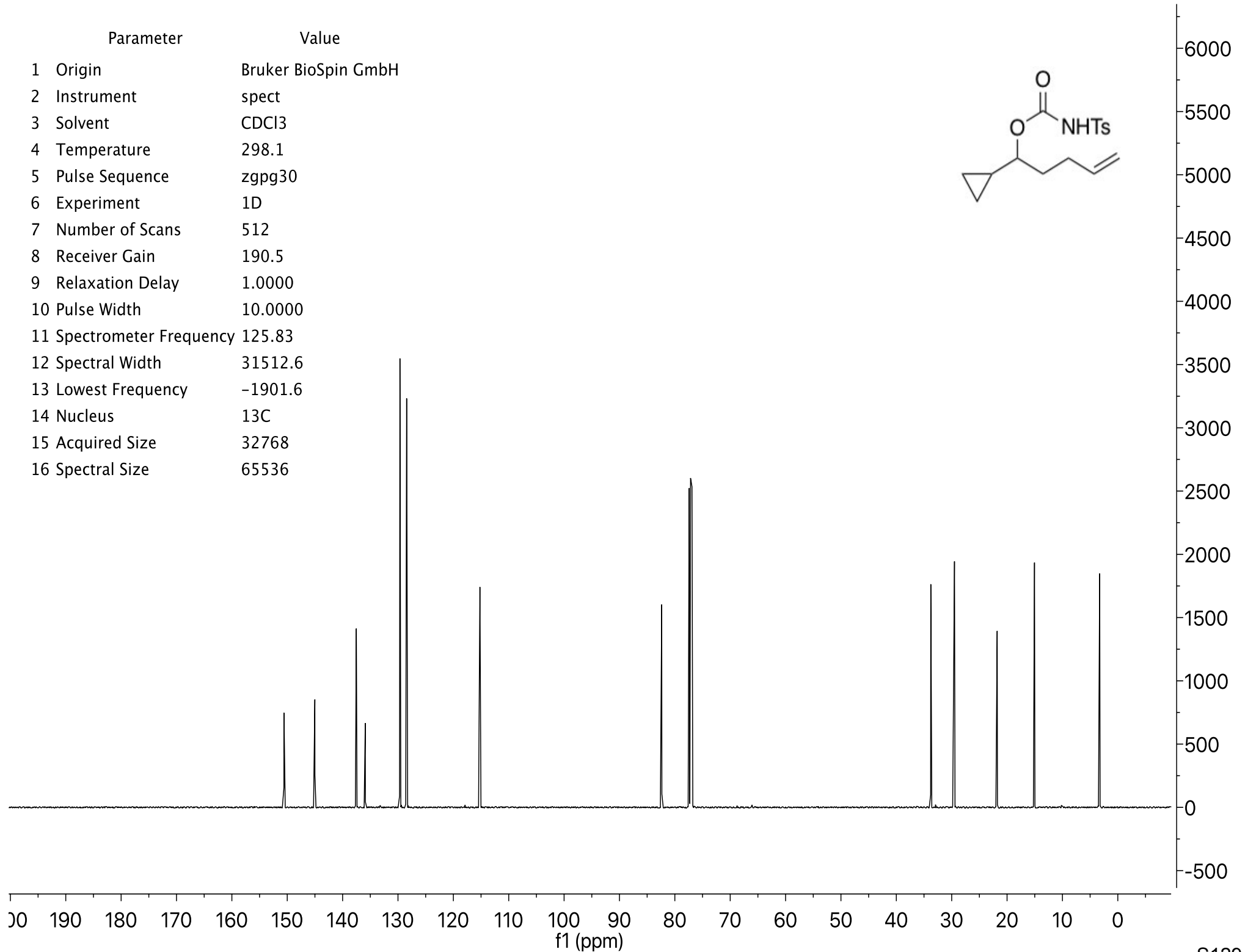
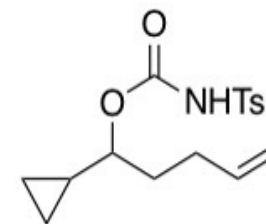
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	128
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



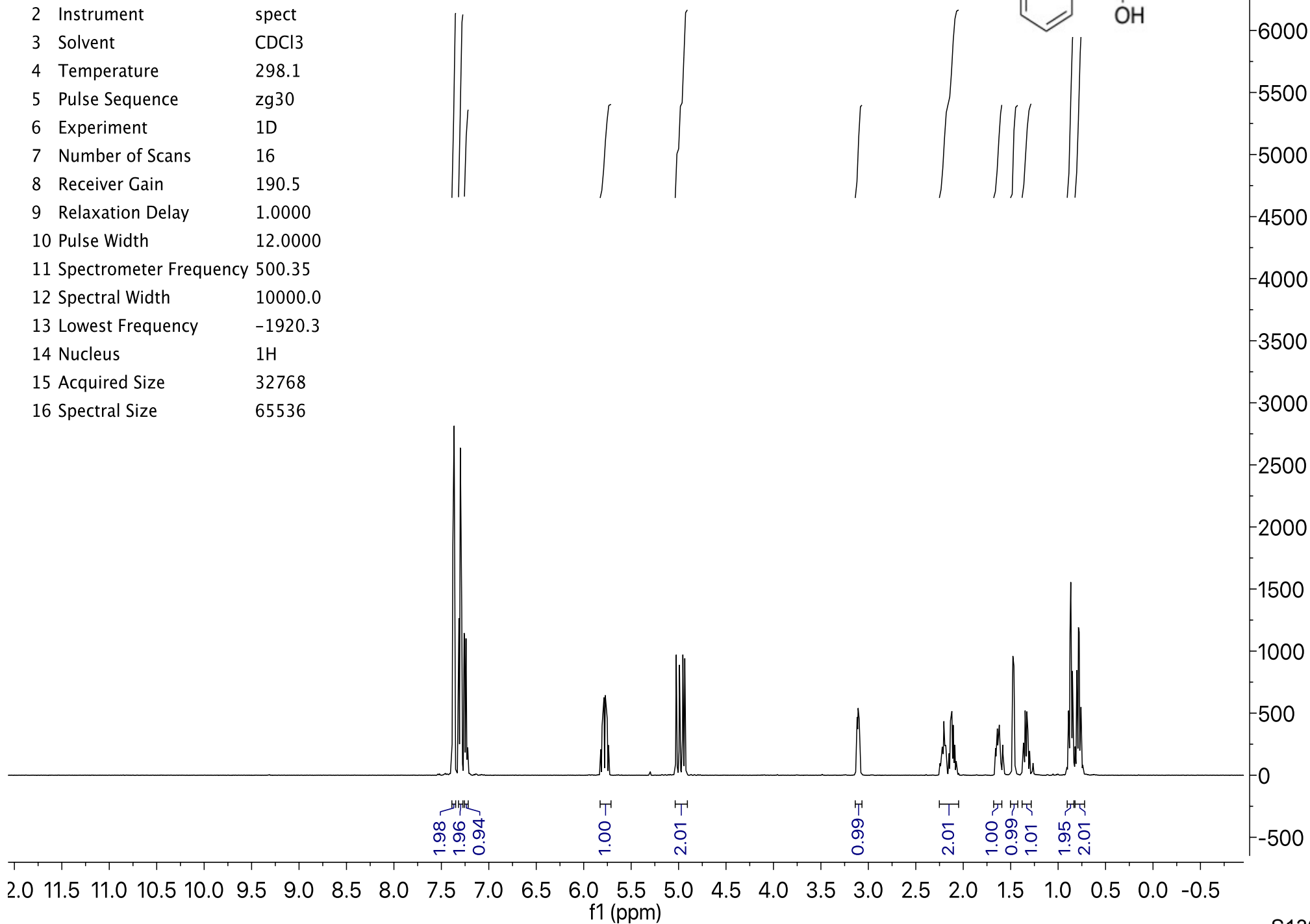
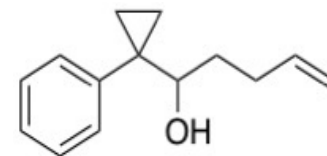
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	190.5
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.2
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



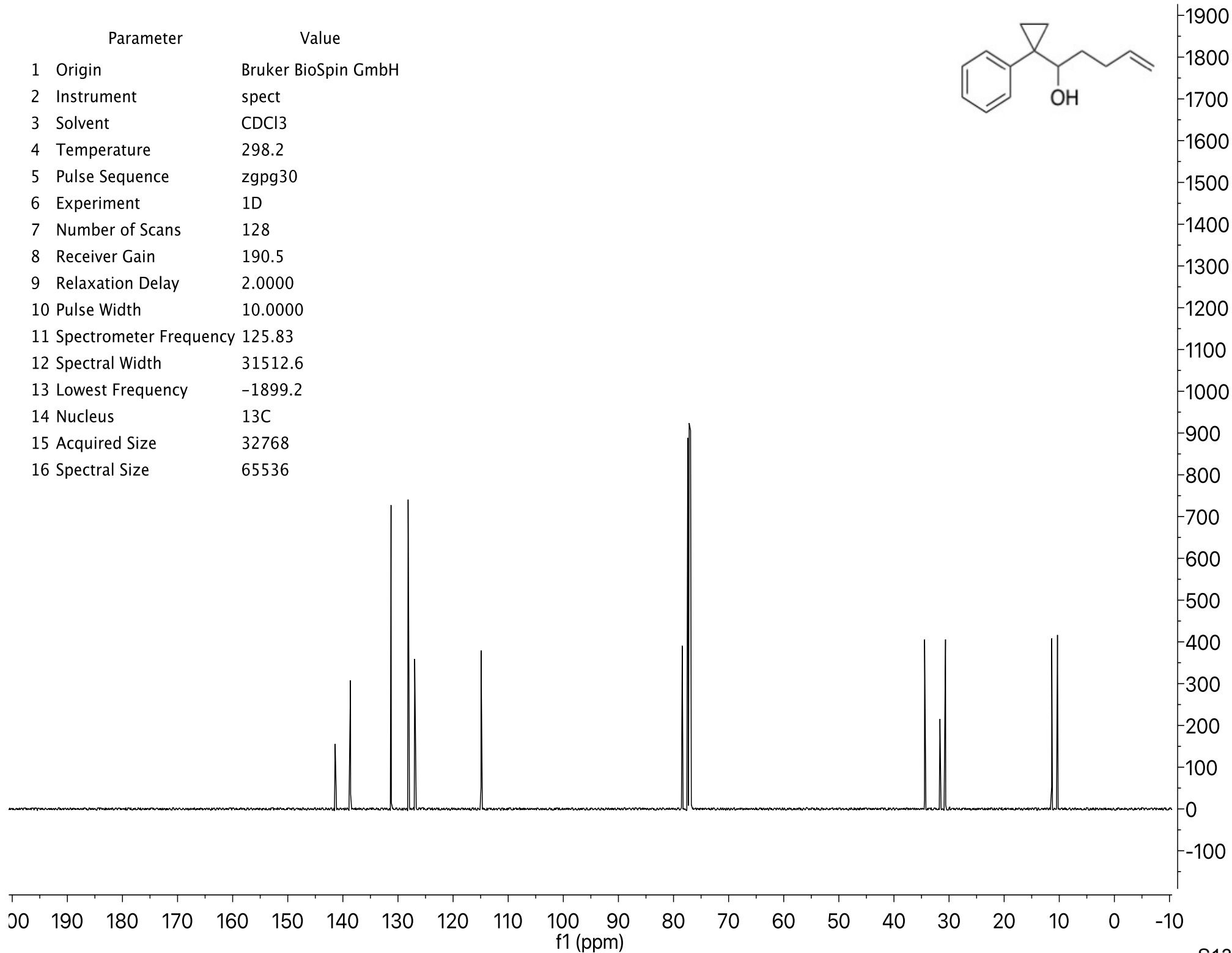
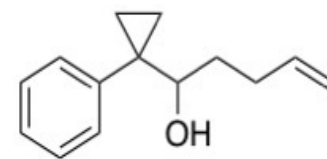
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



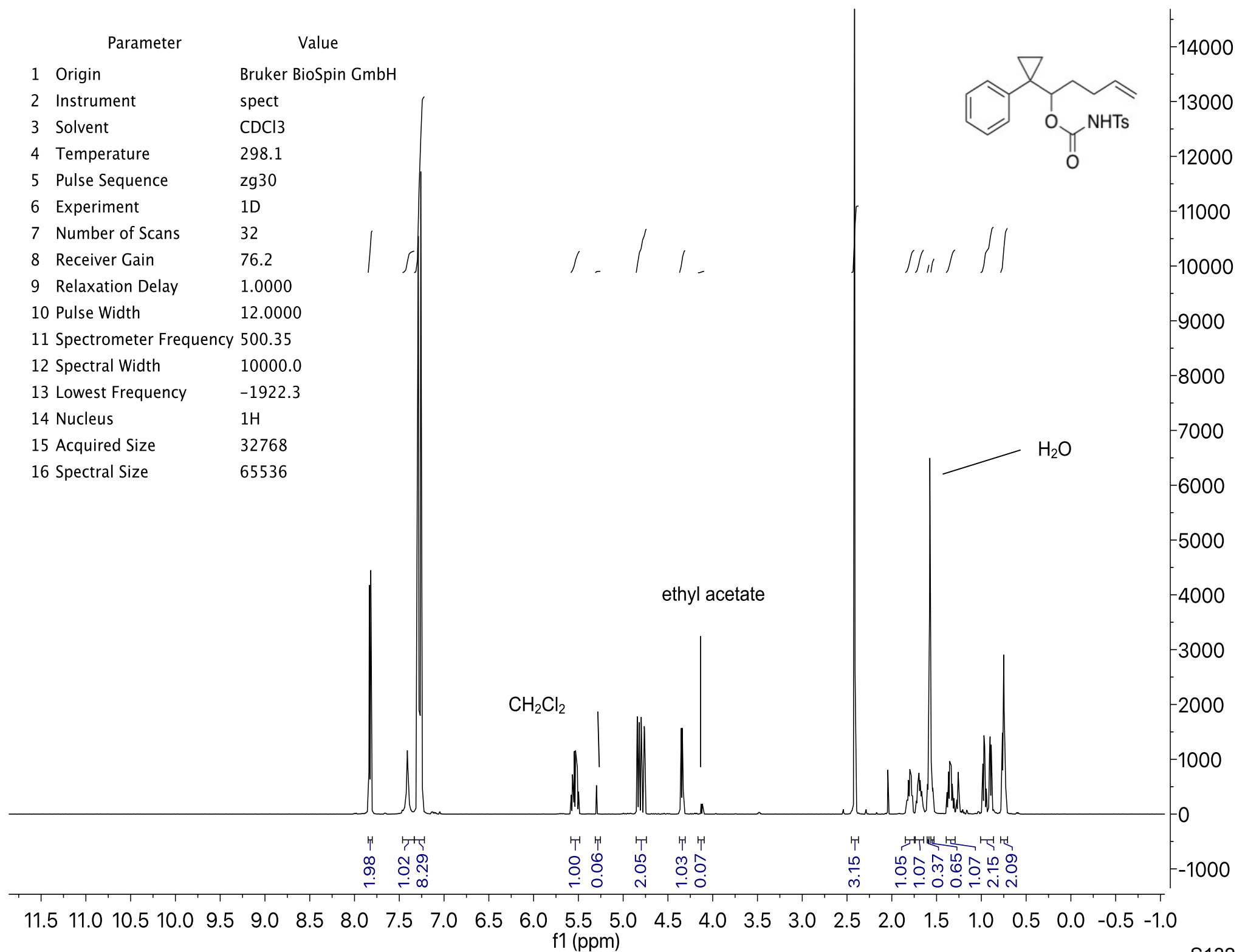
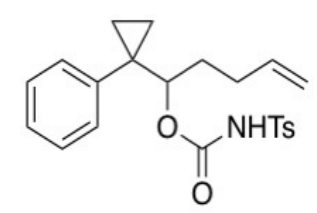
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1920.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



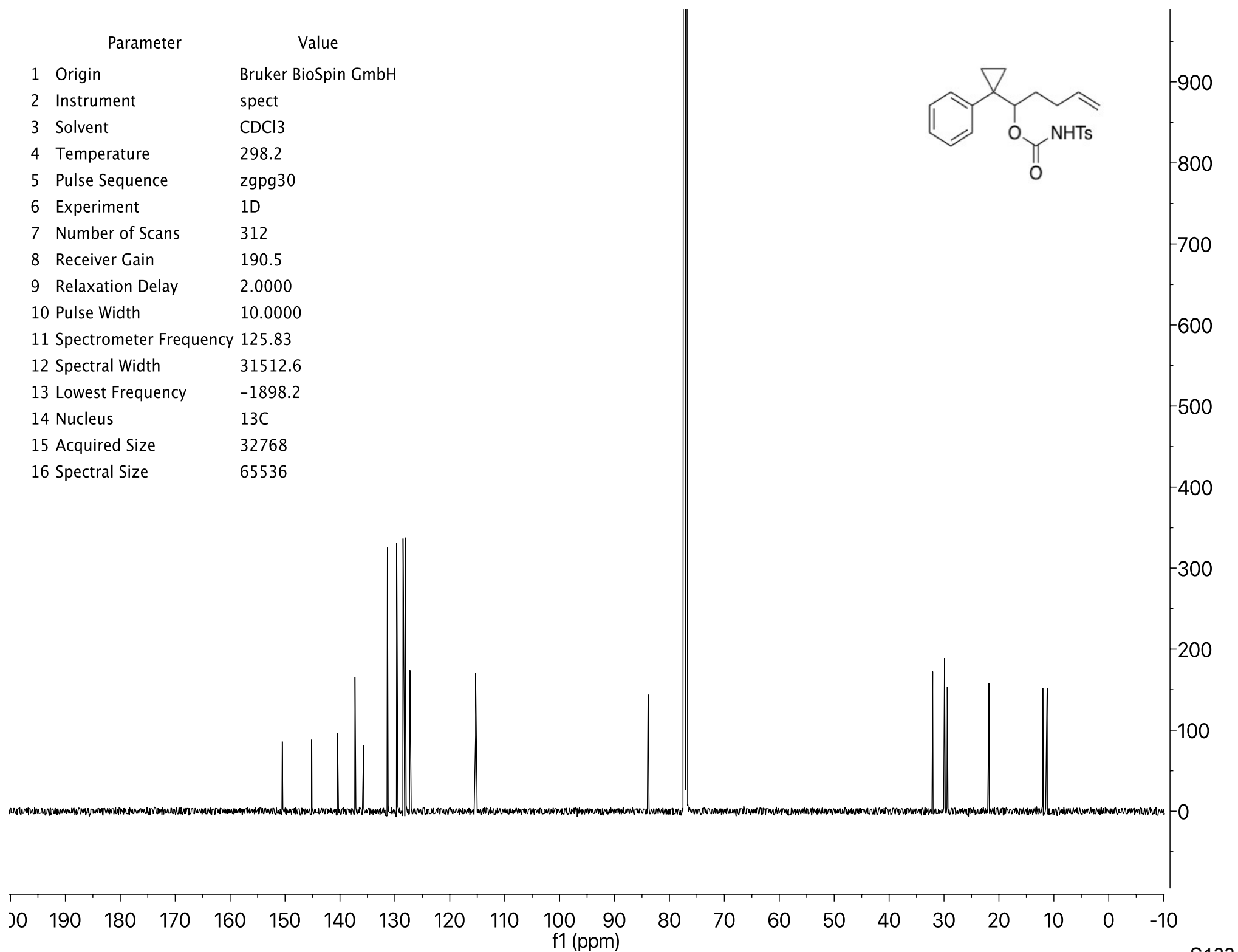
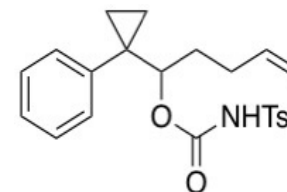
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	128
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



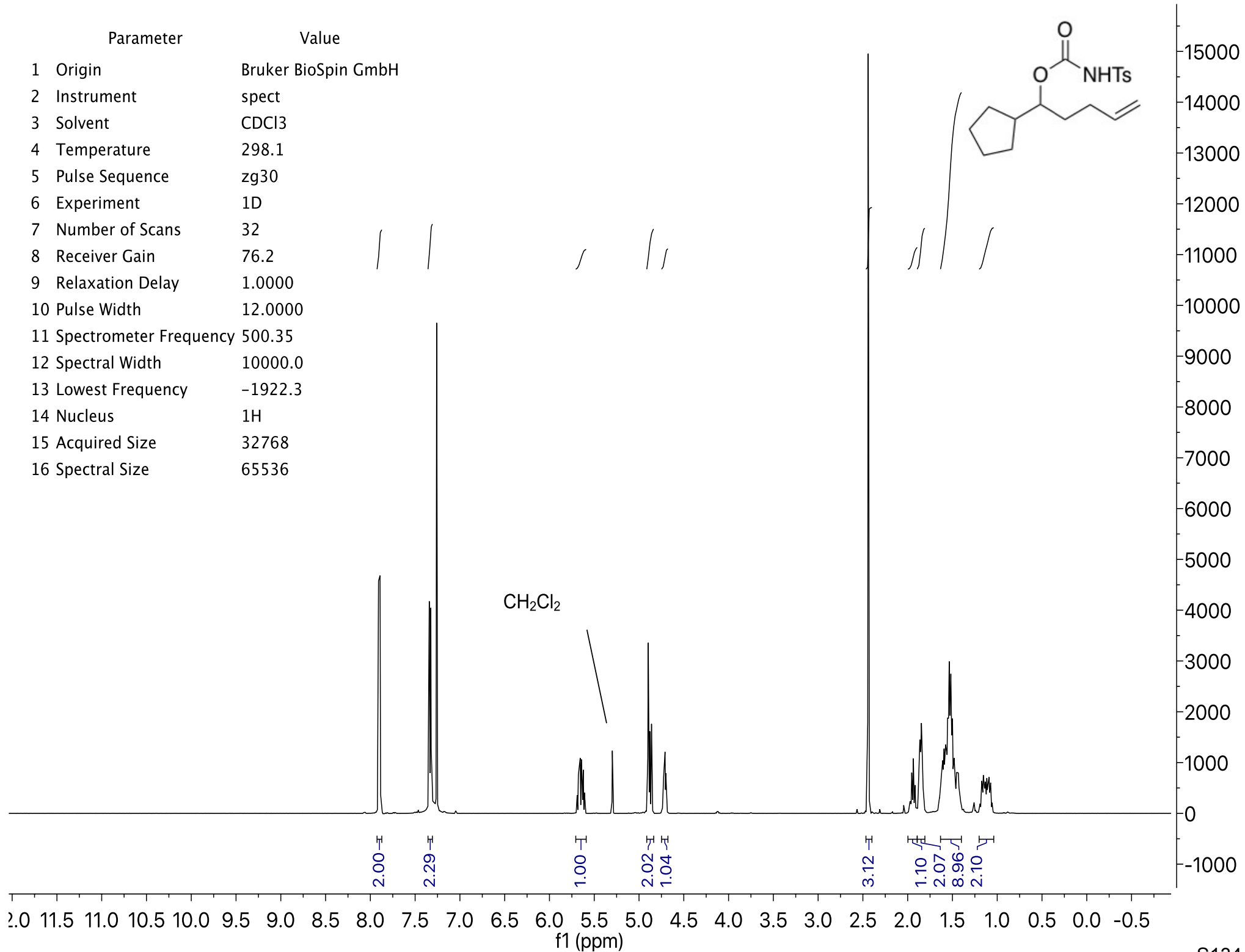
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	32
8 Receiver Gain	76.2
9 Relaxation Delay	1.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



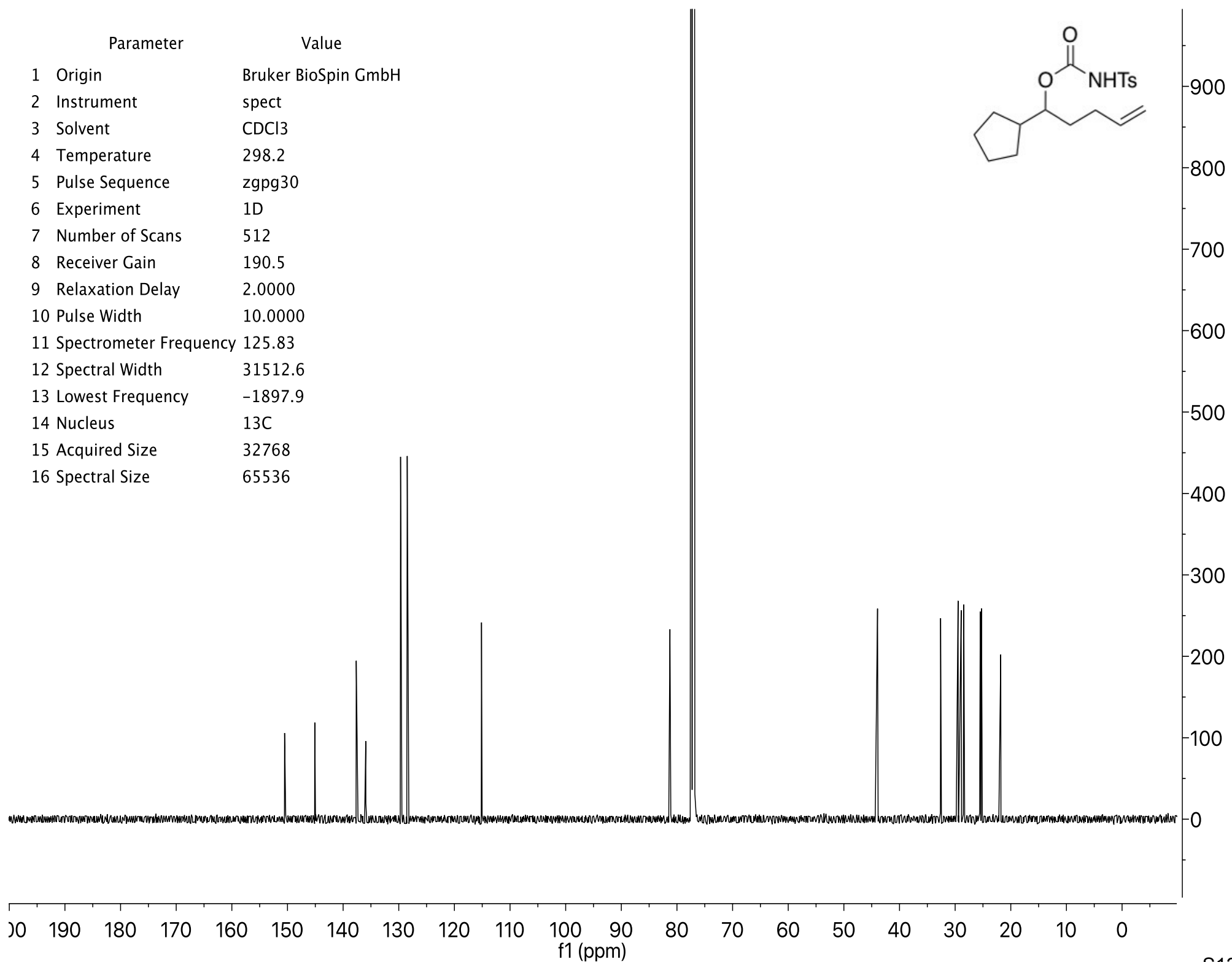
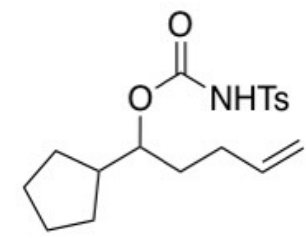
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	312
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



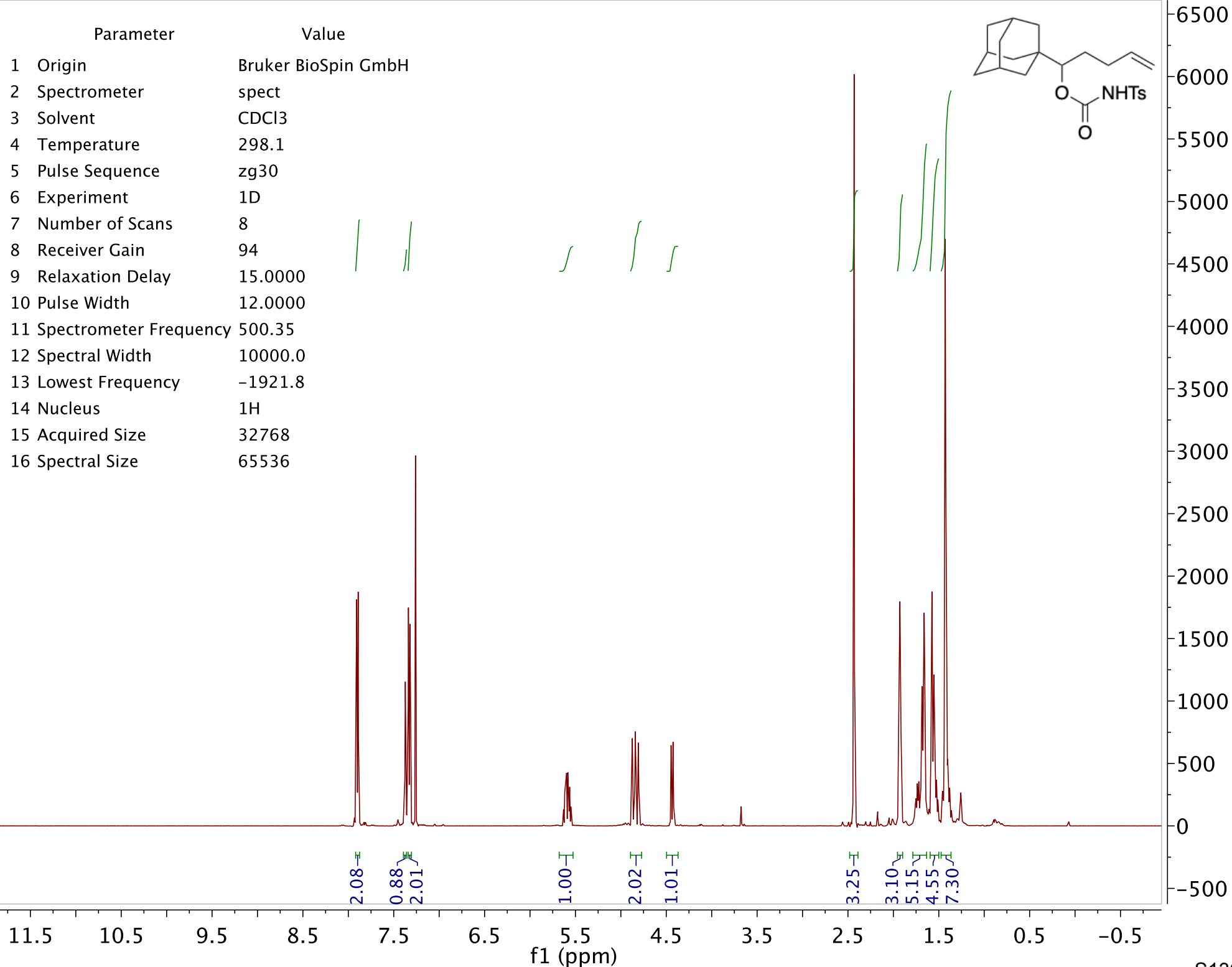
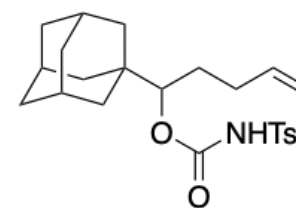
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	32
8 Receiver Gain	76.2
9 Relaxation Delay	1.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



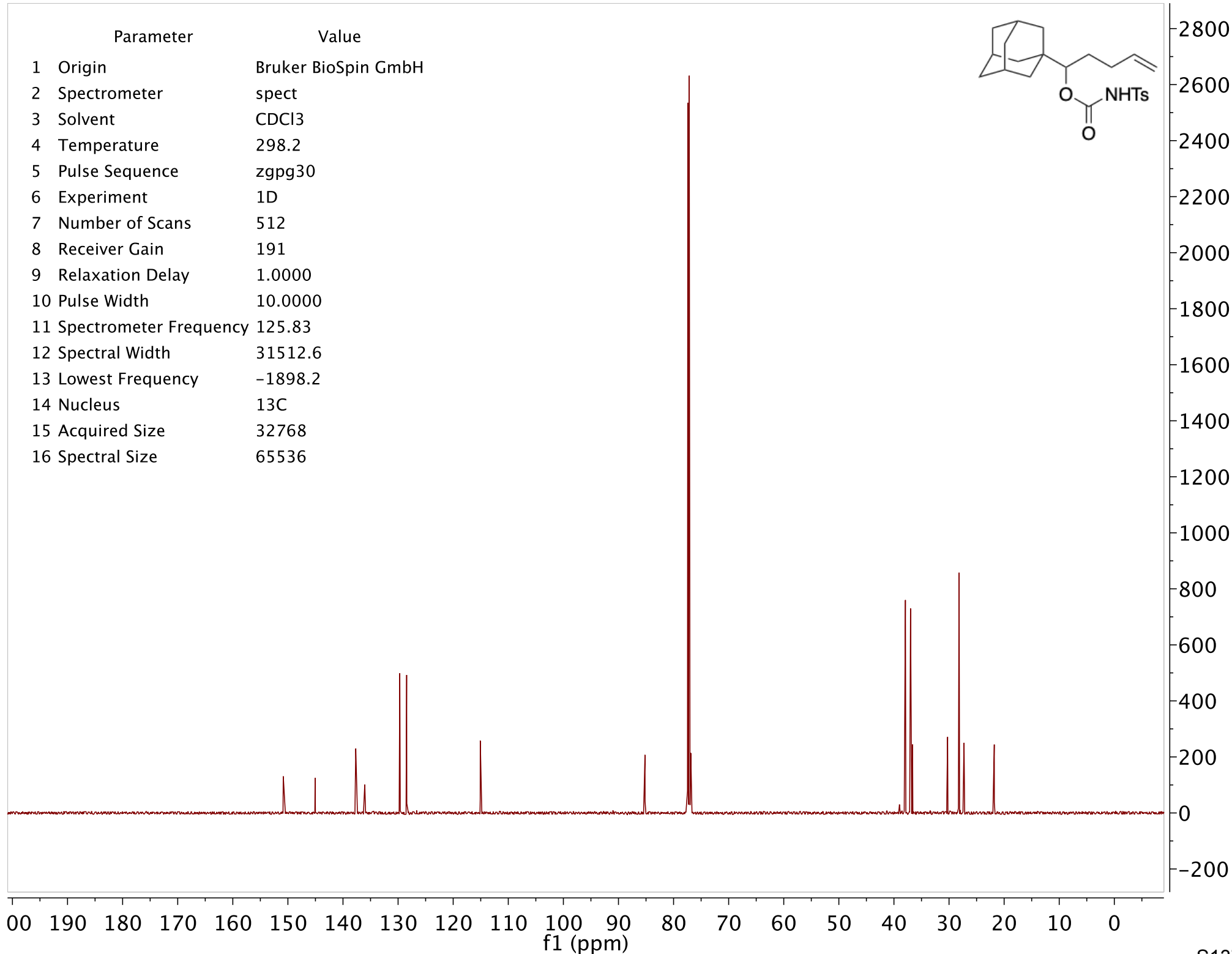
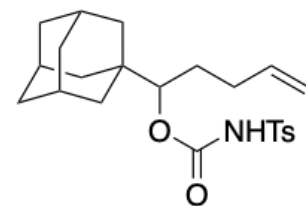
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1897.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



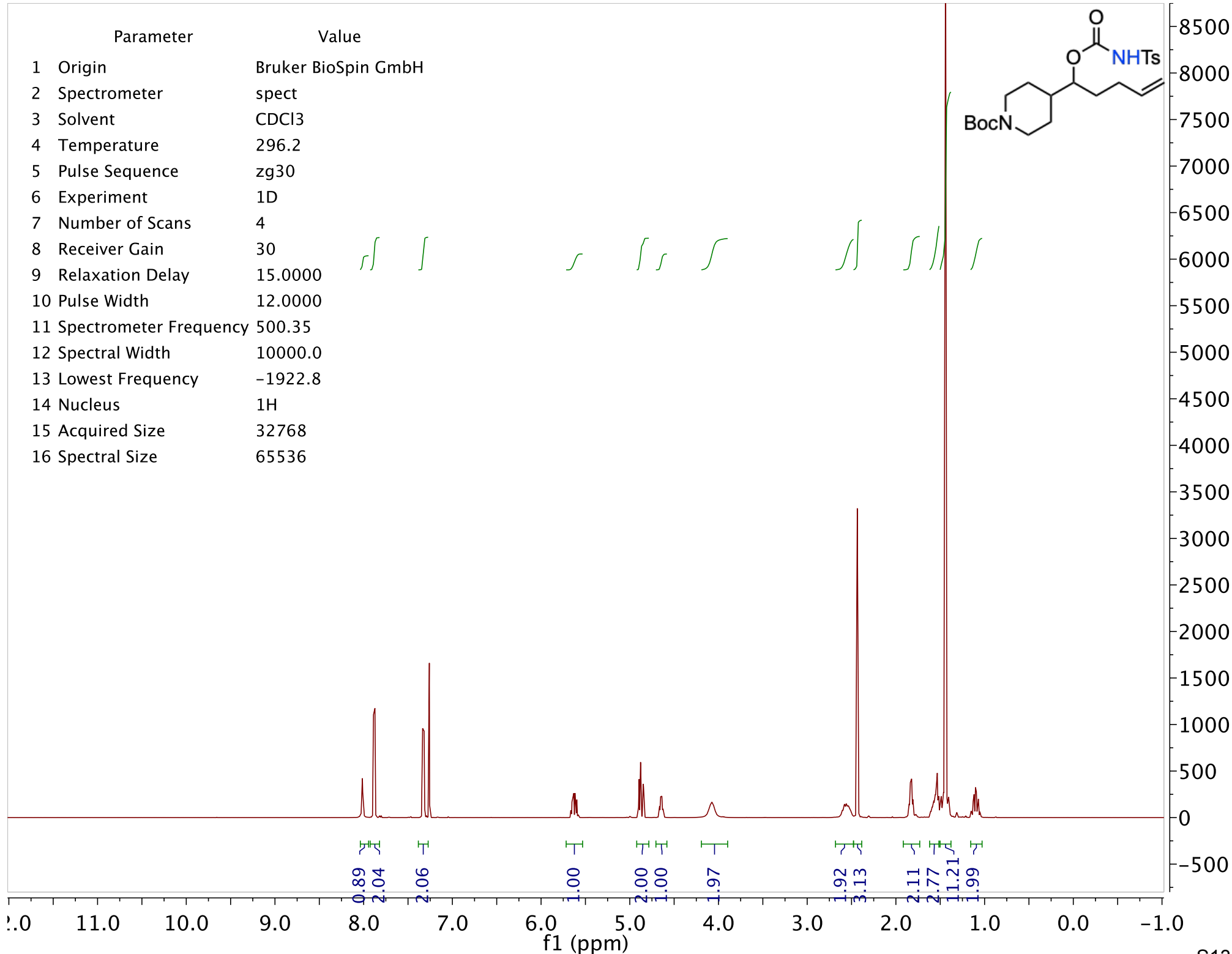
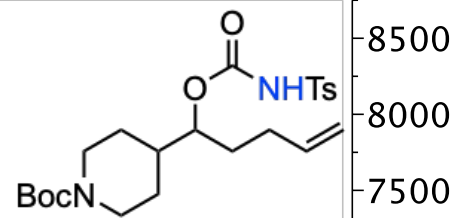
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	94
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



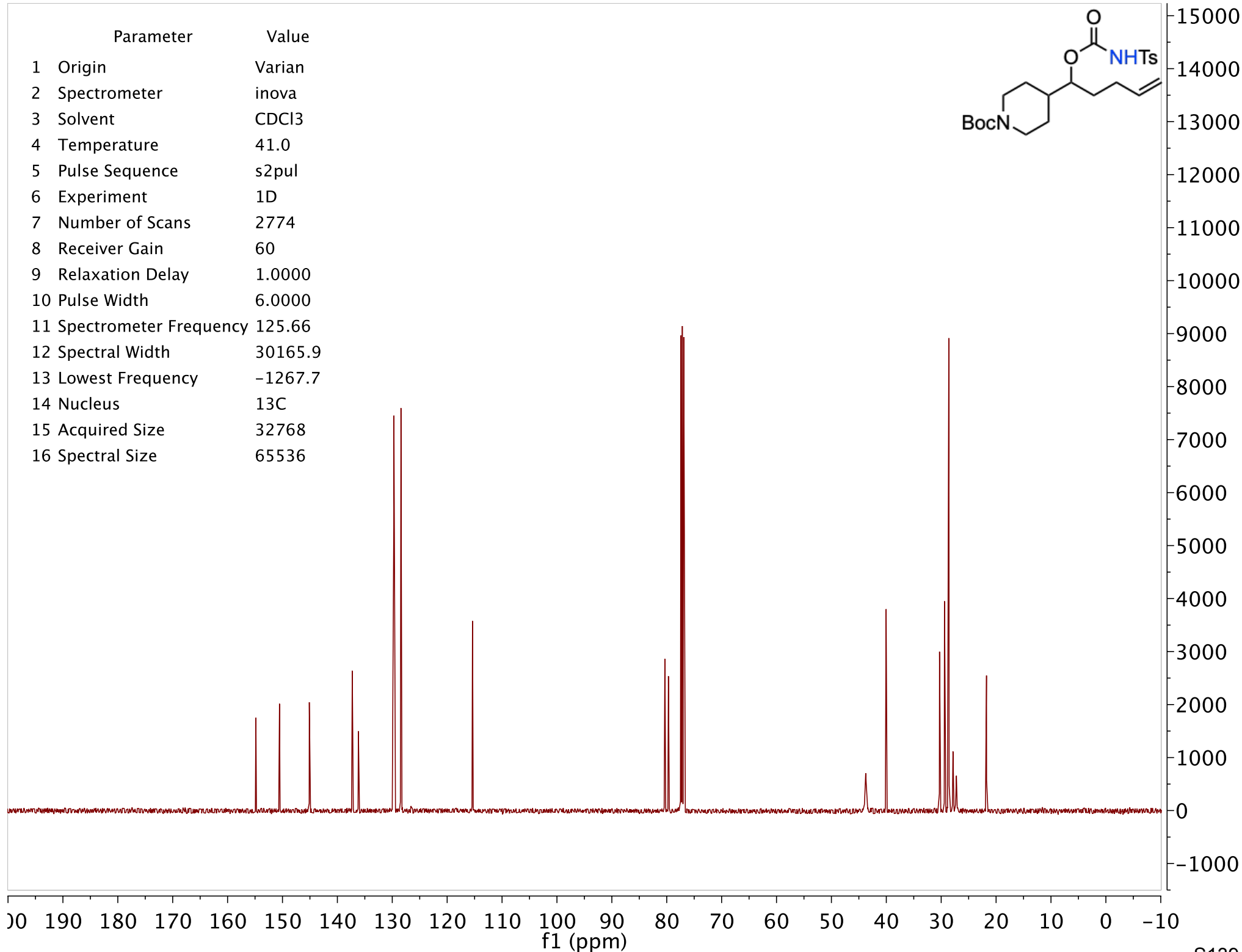
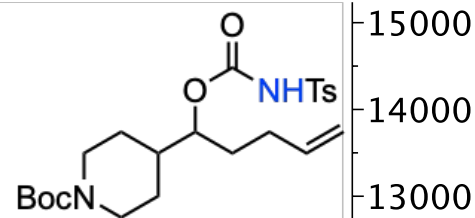
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.2
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536

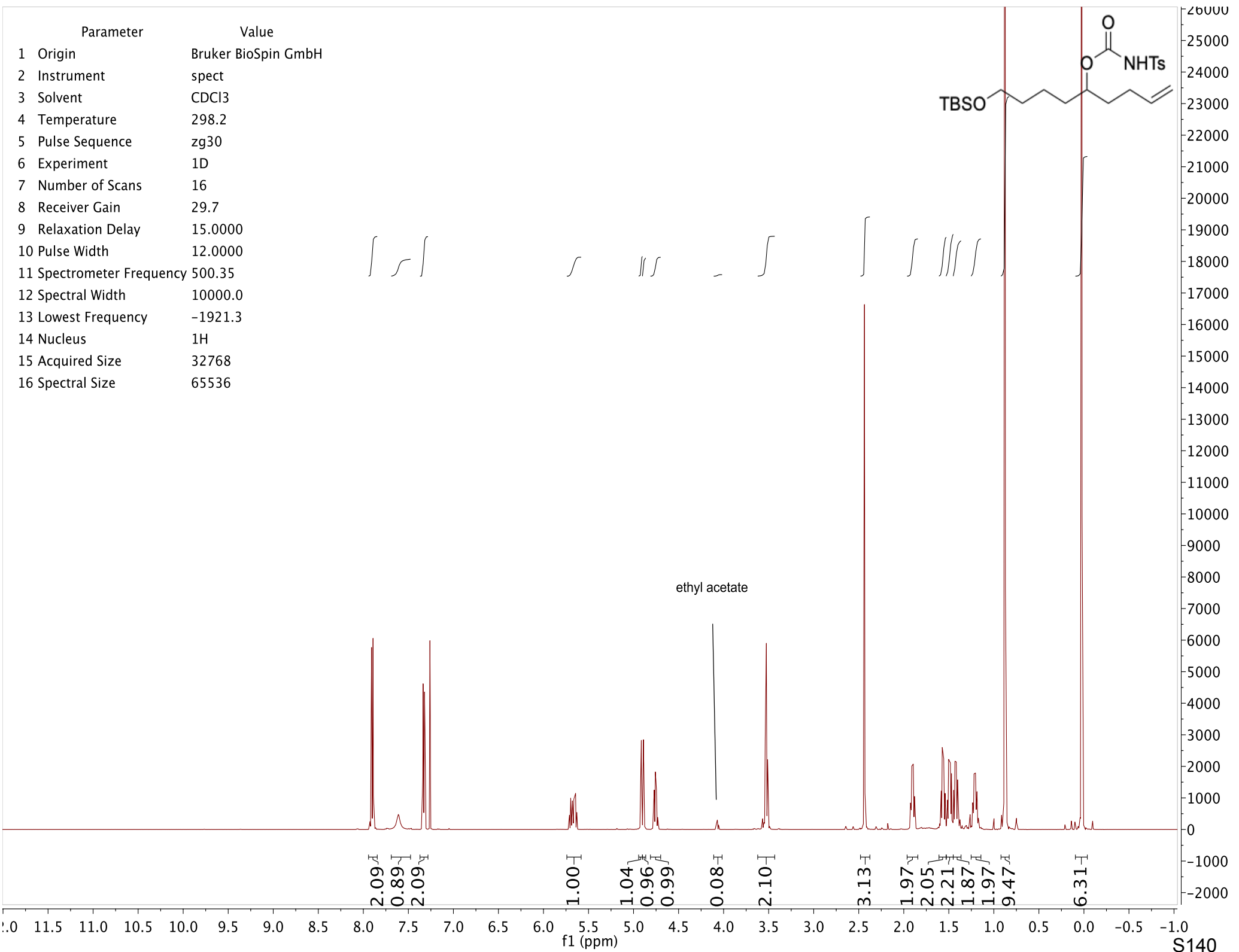


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

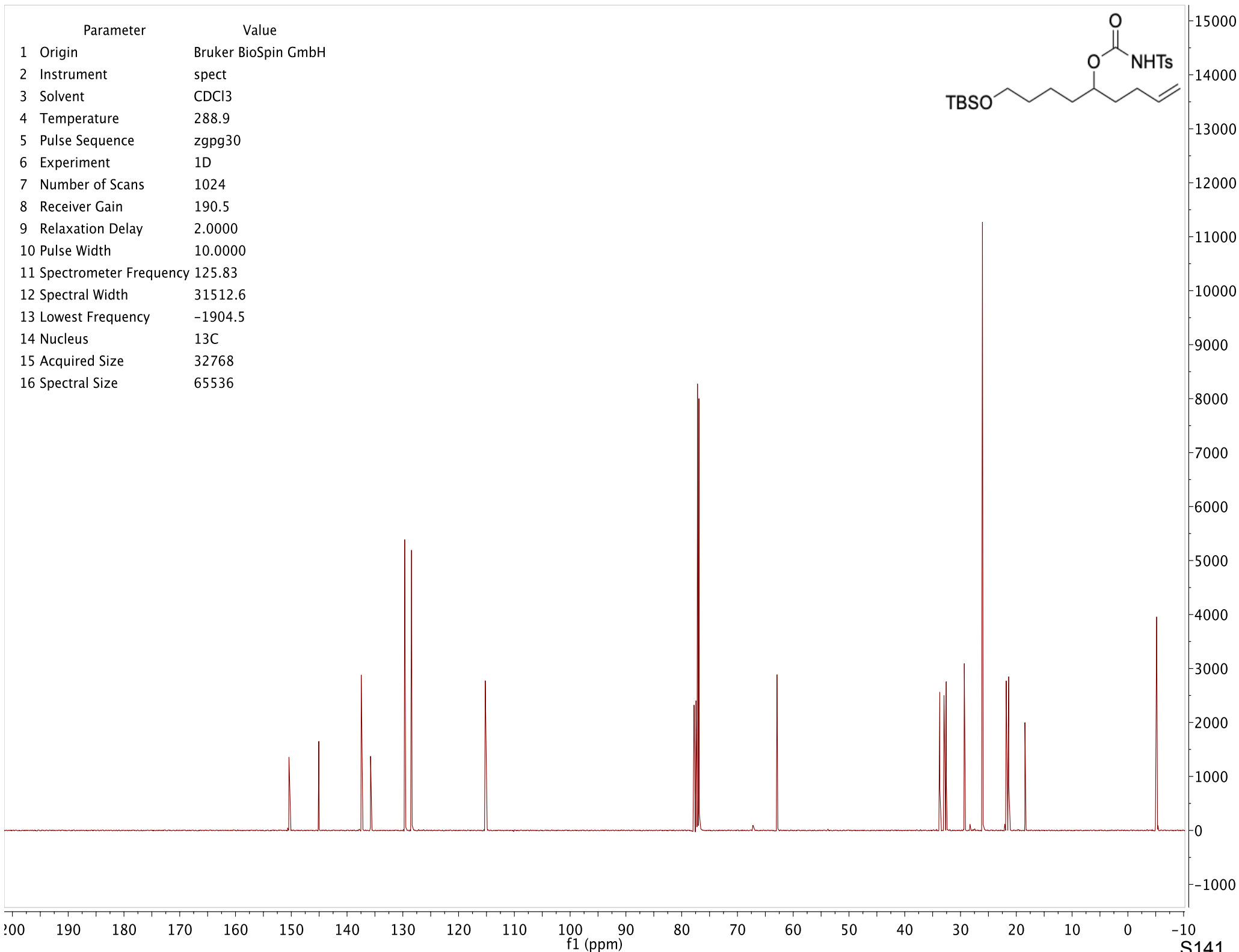
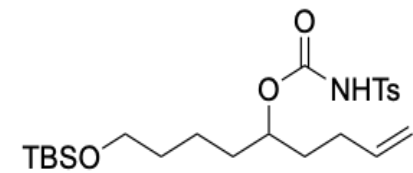


Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	41.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	2774
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1267.7
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536

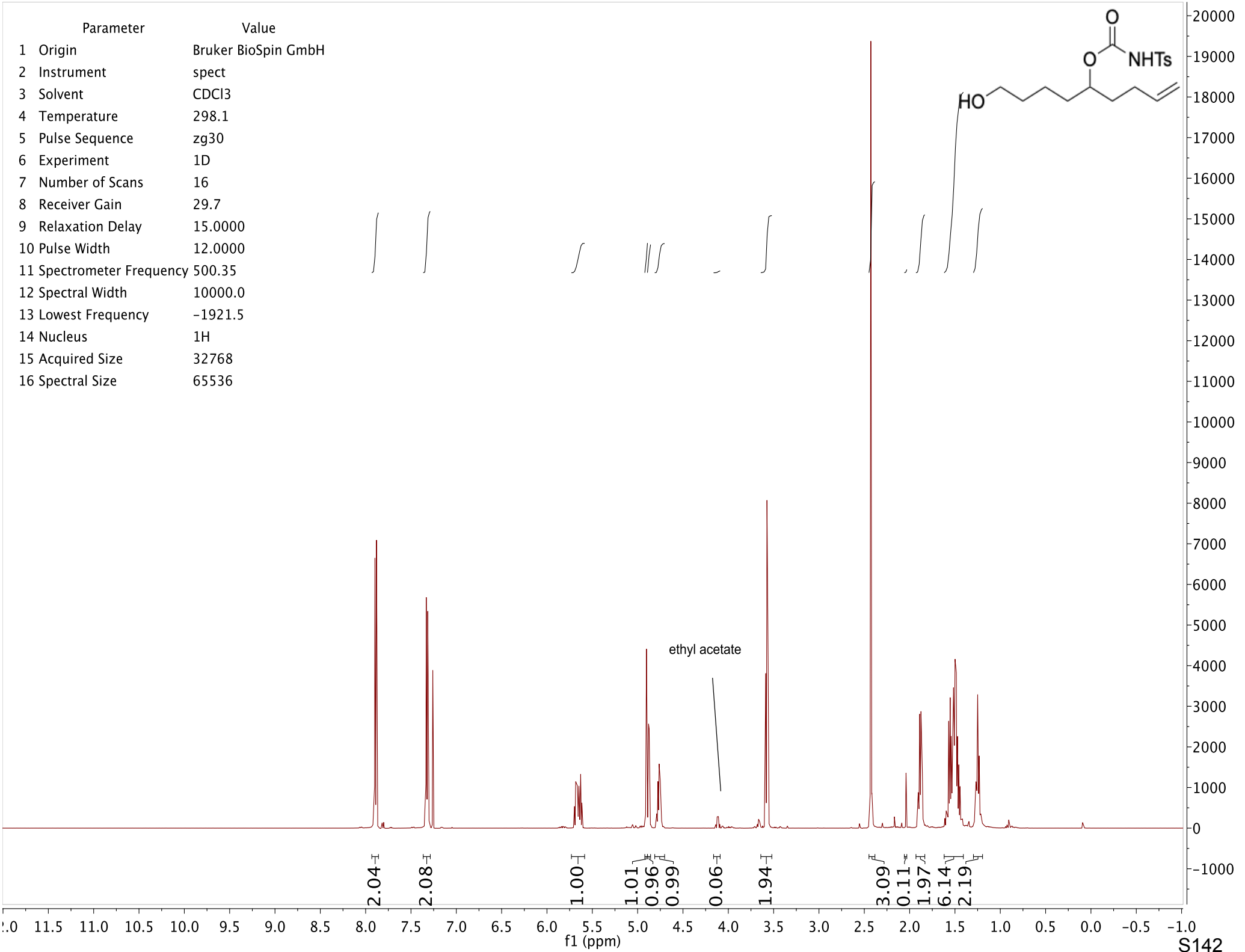
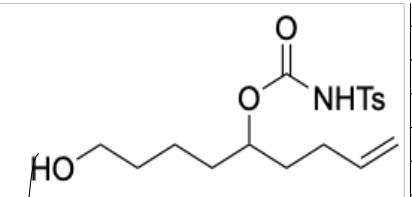




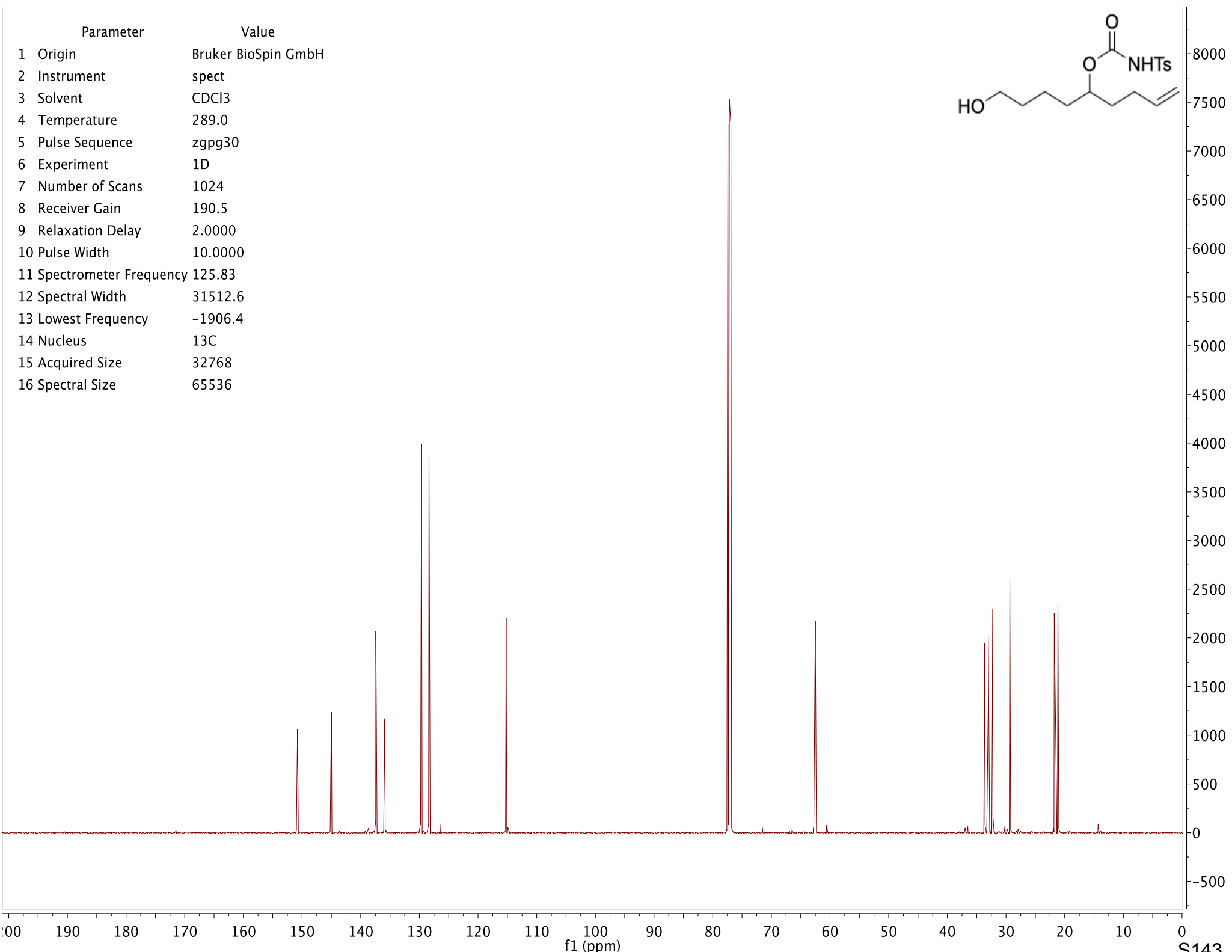
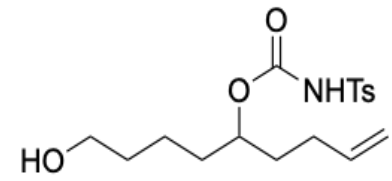
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	288.9
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1904.5
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



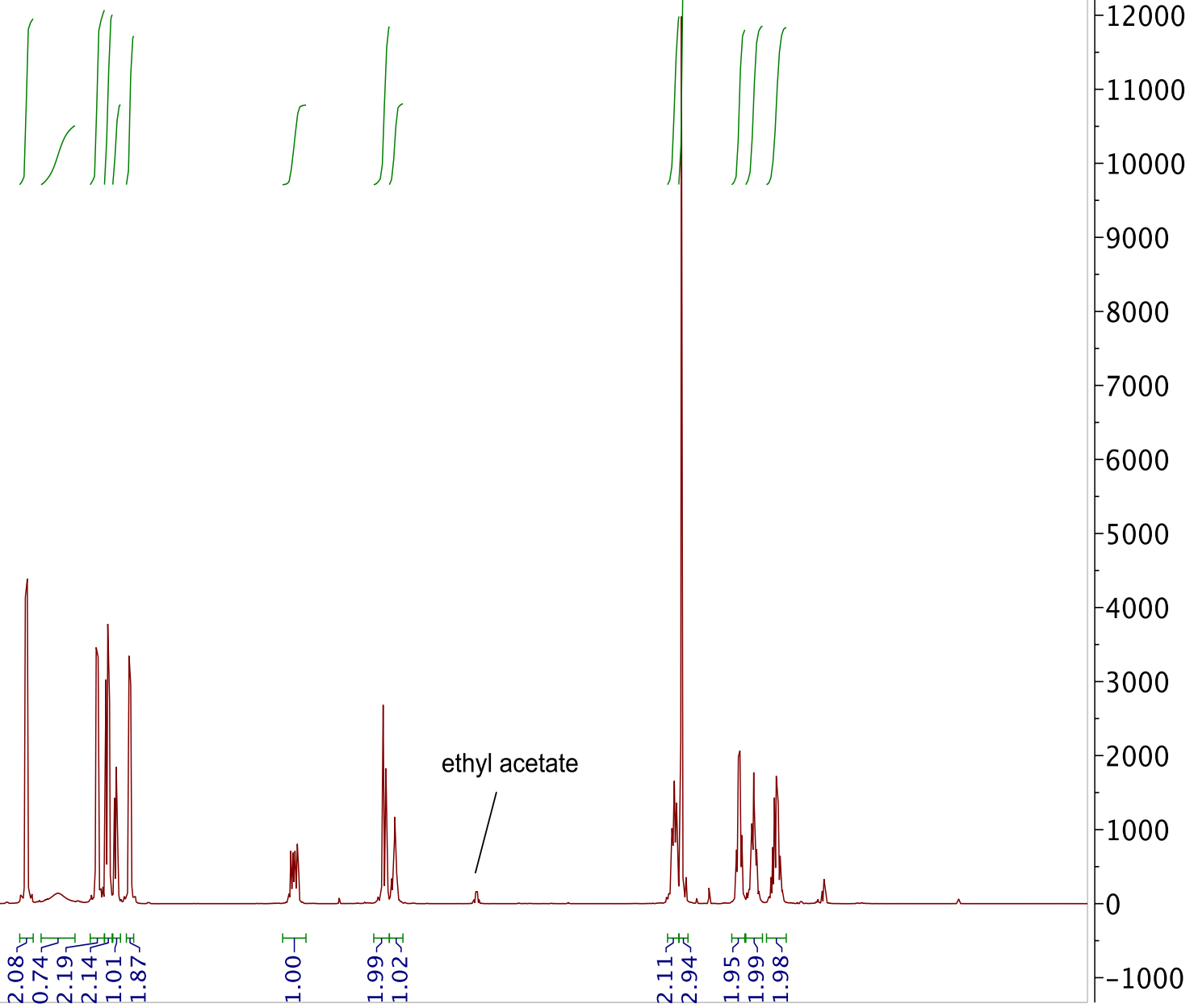
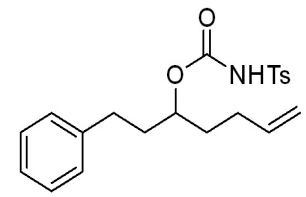
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.5
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1906.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

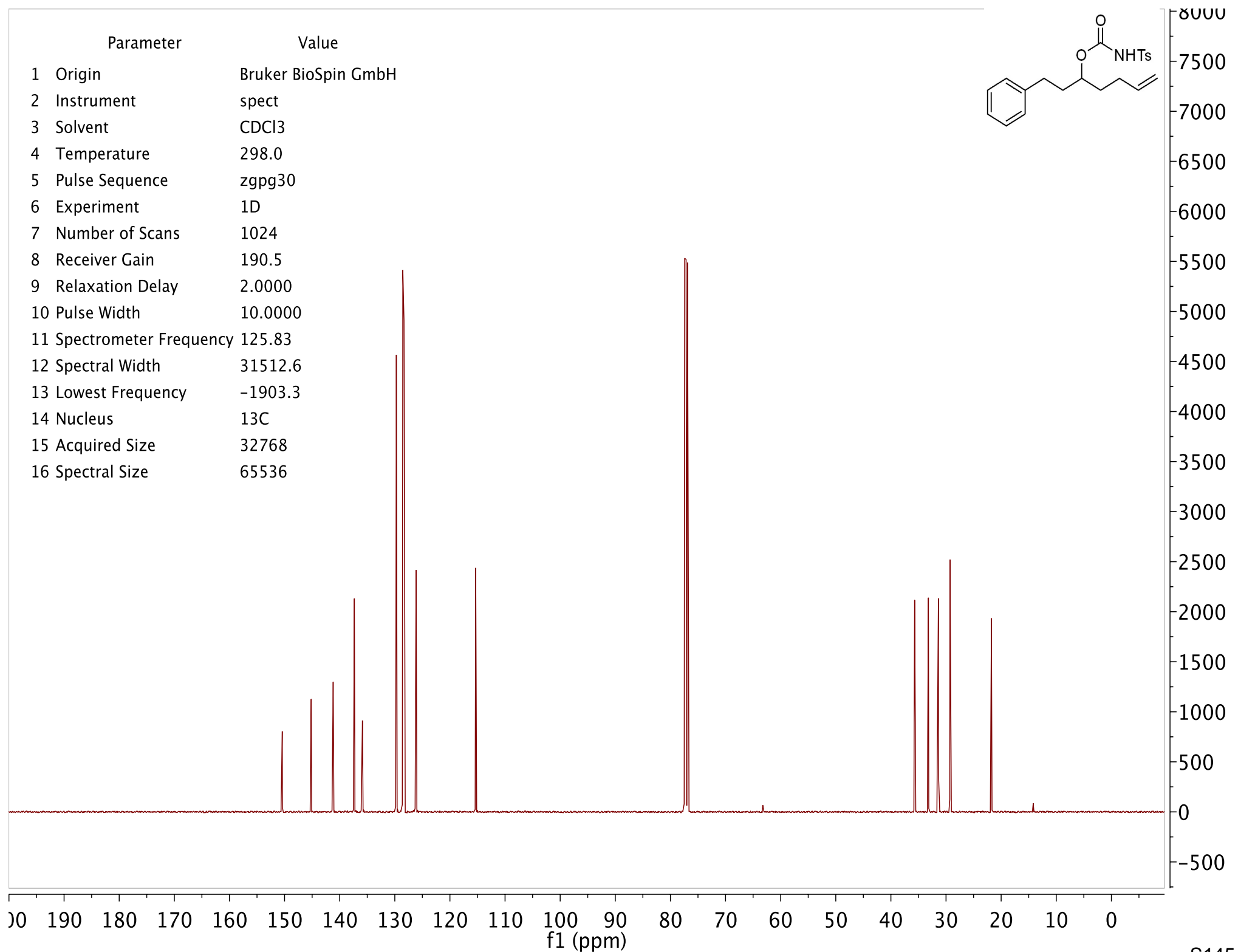
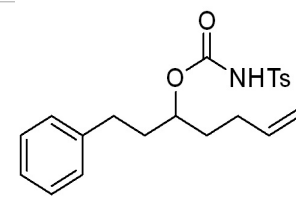


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1907.3
14 Nucleus	¹ H
15 Acquired Size	32768
16 Spectral Size	65536

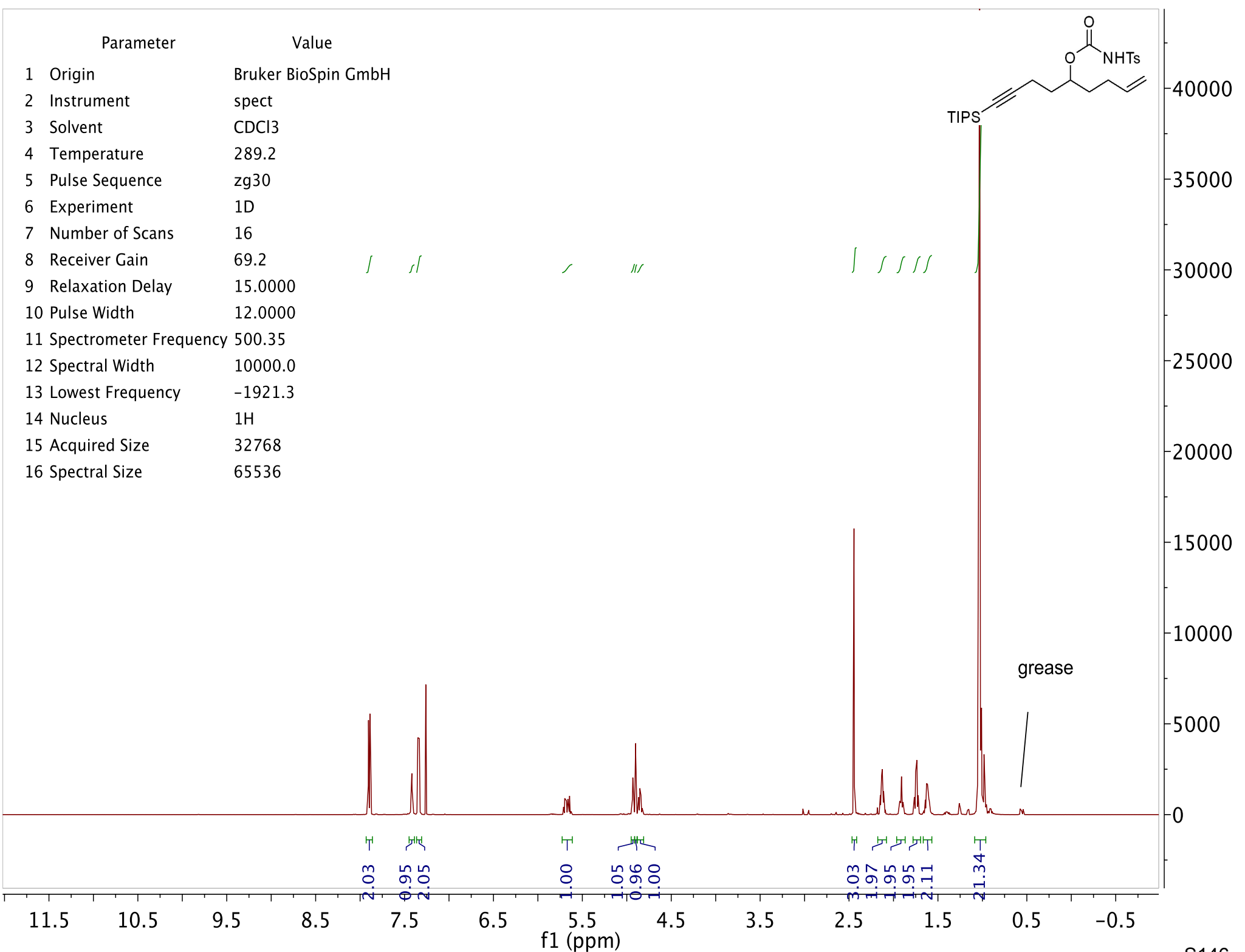
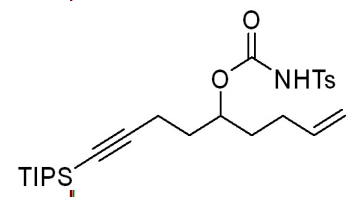


11.5 10.5 9.5 8.5 7.5 6.5 5.5 4.5 3.5 2.5 1.5 0.5 -0.5
f1 (ppm)

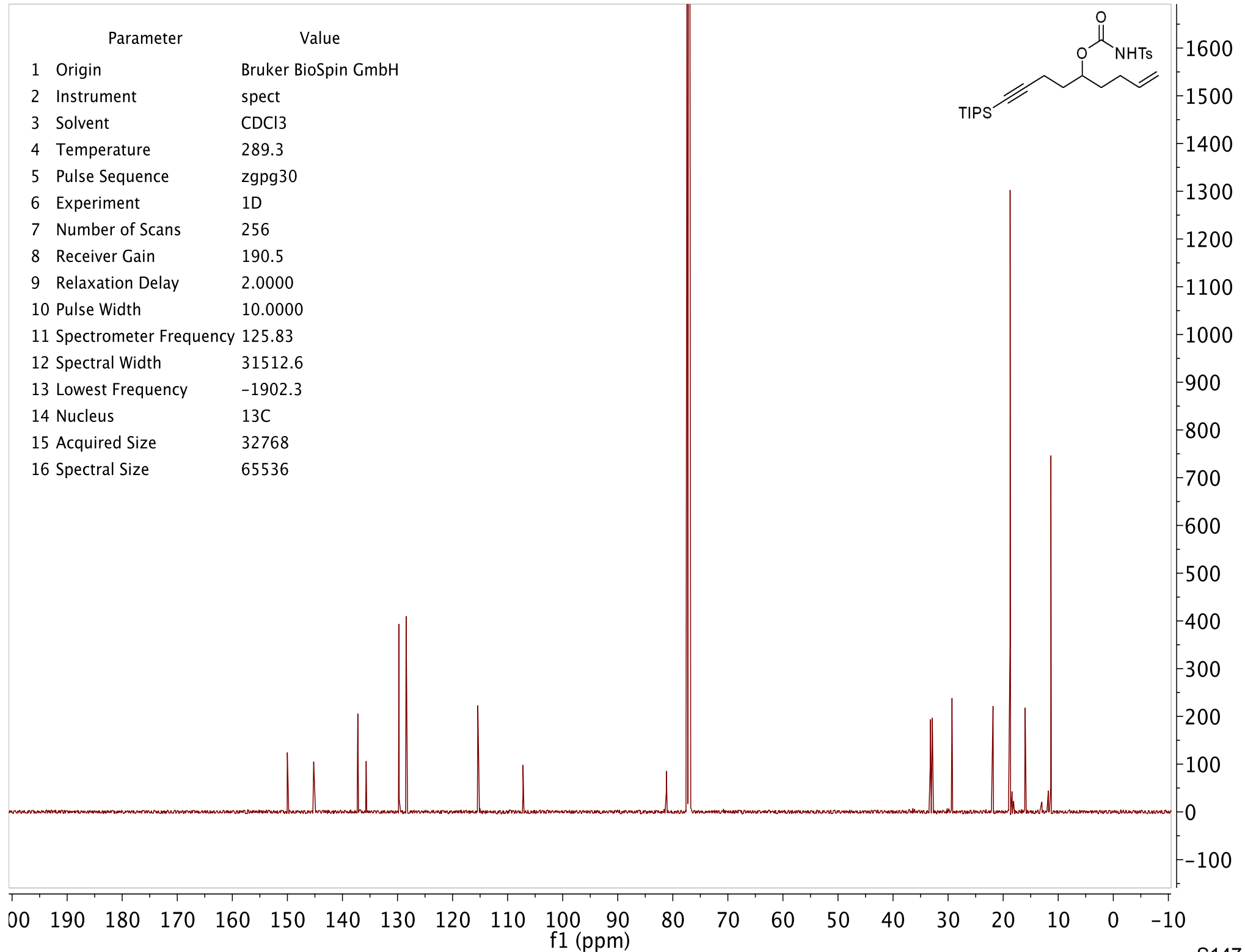
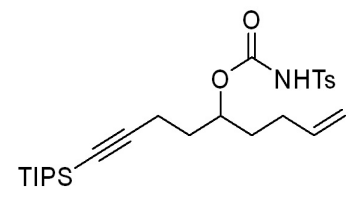
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.3
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



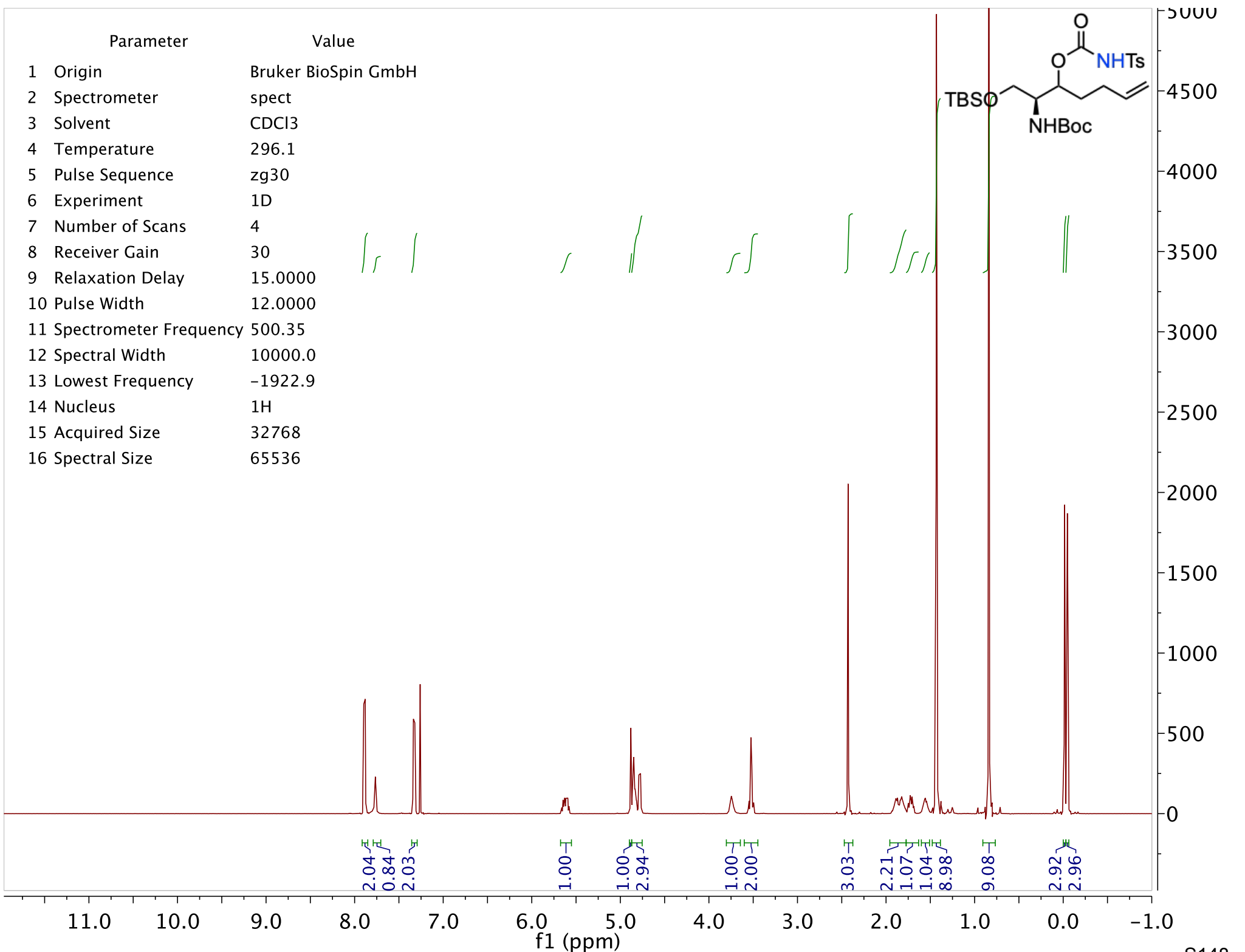
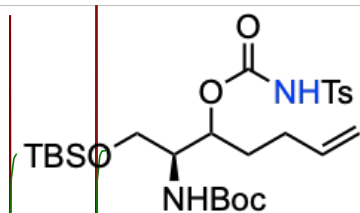
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	69.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



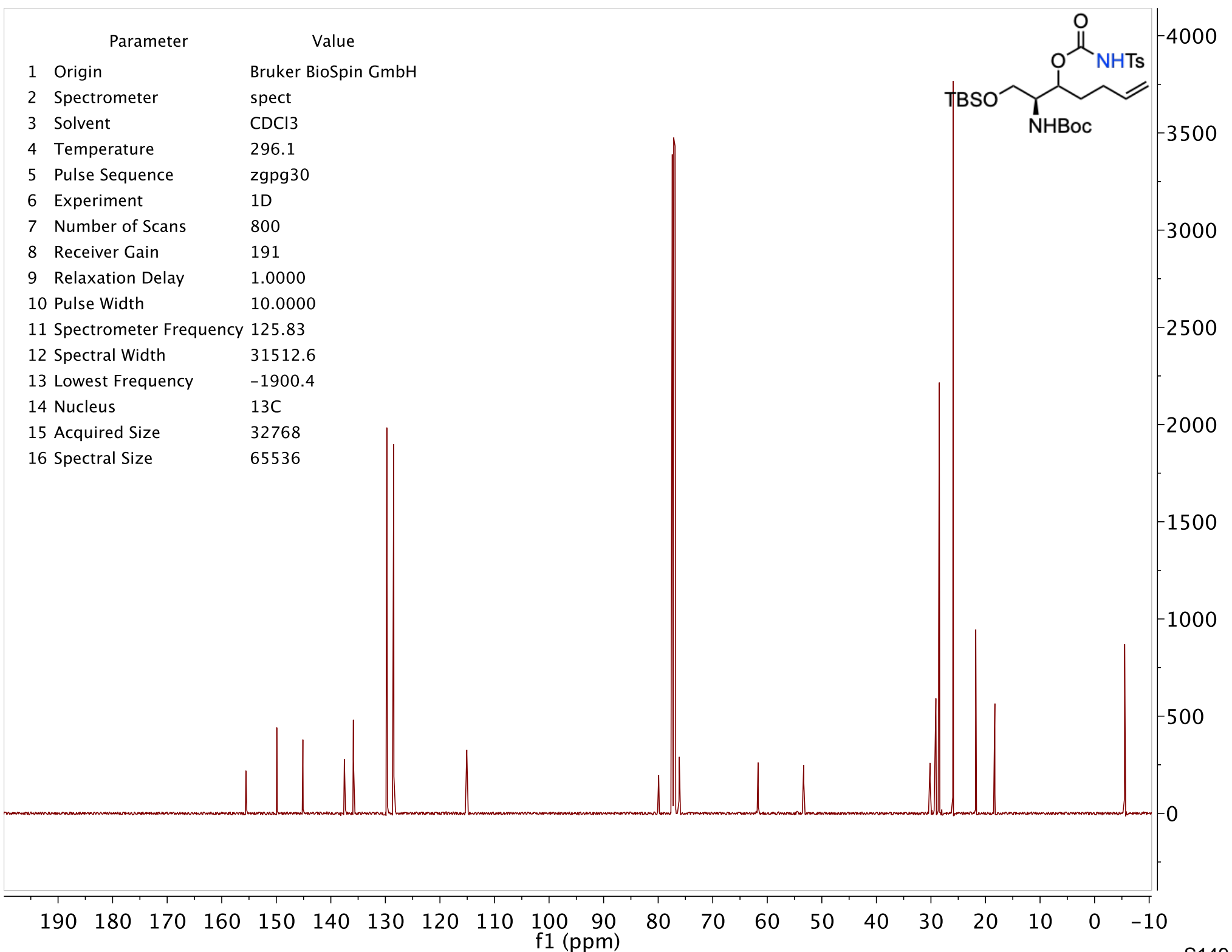
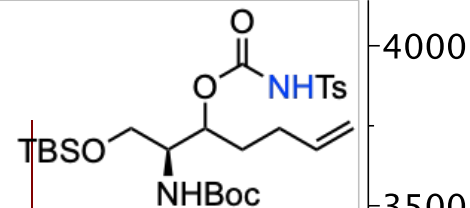
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.3
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.3
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



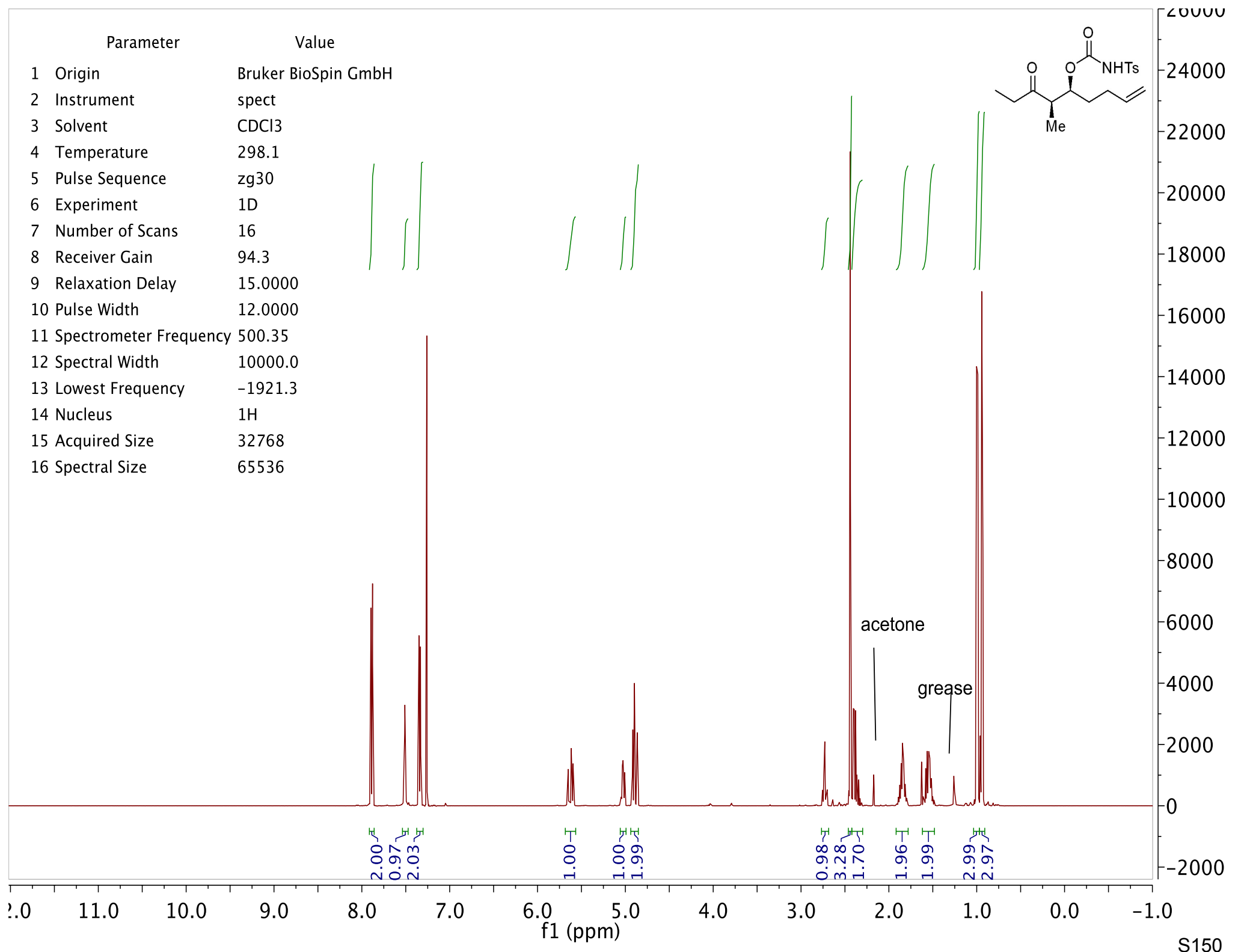
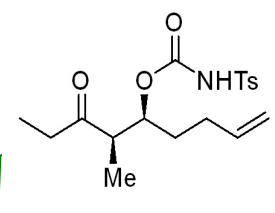
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



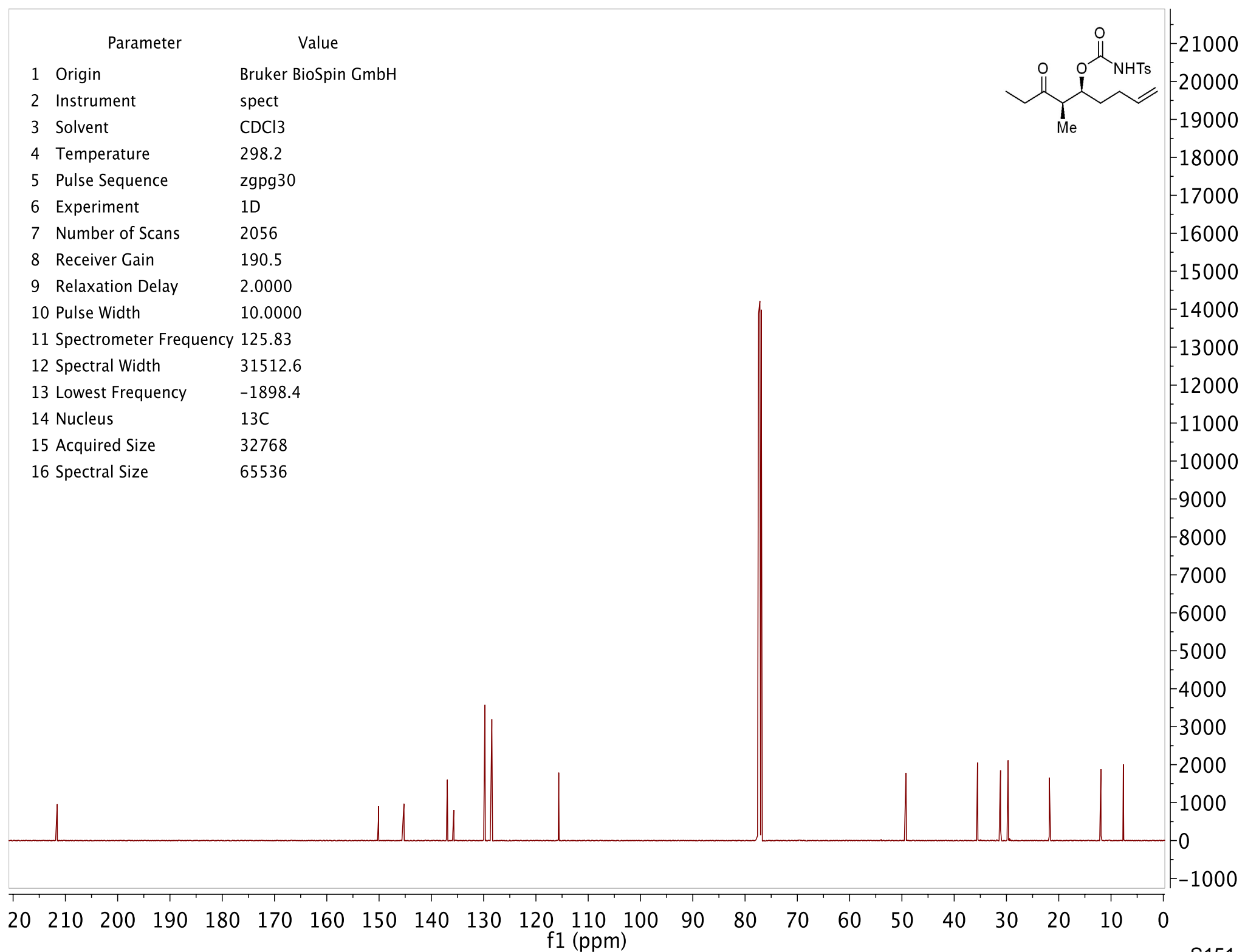
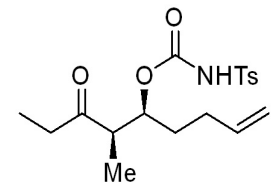
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



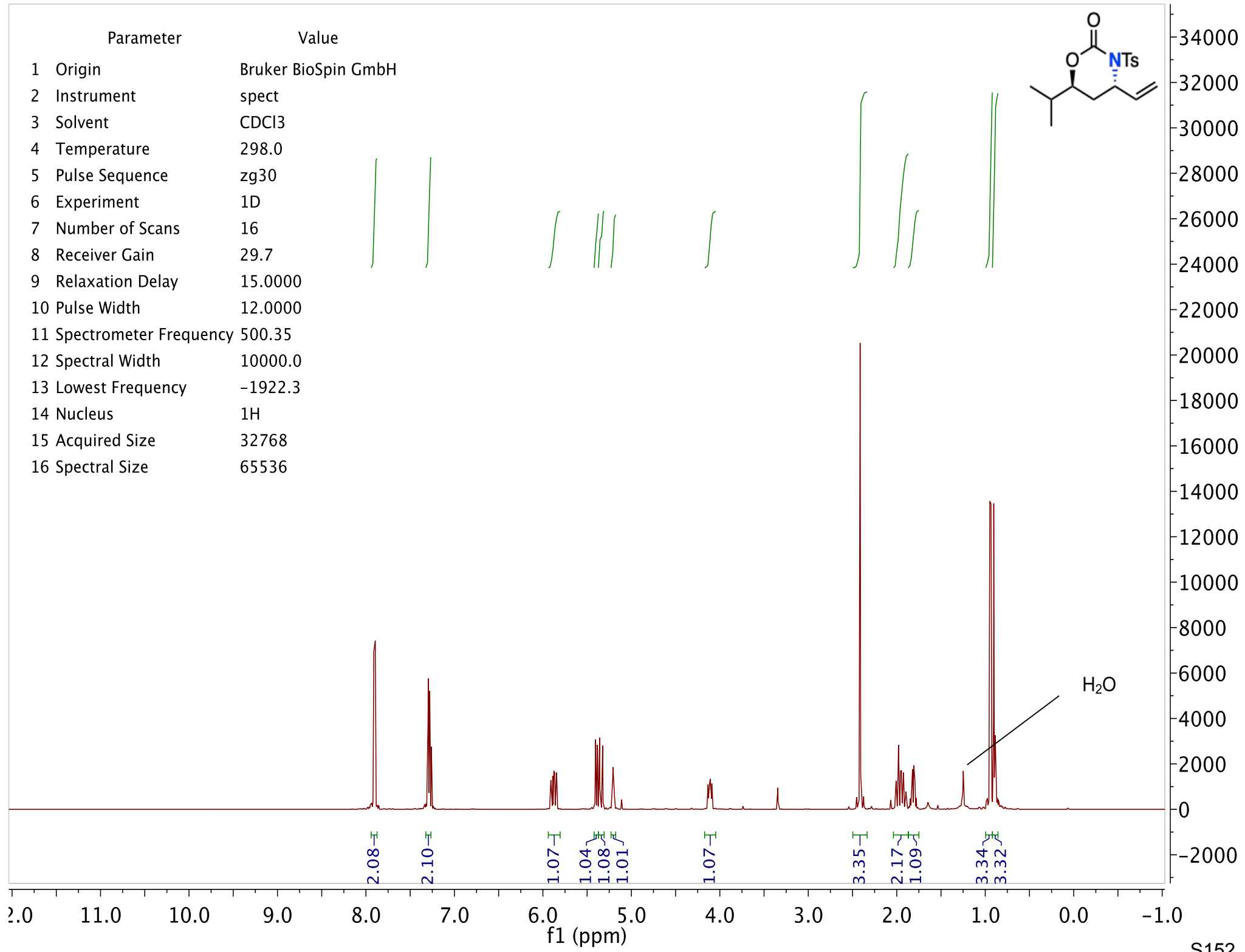
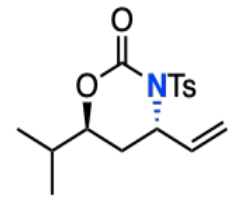
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



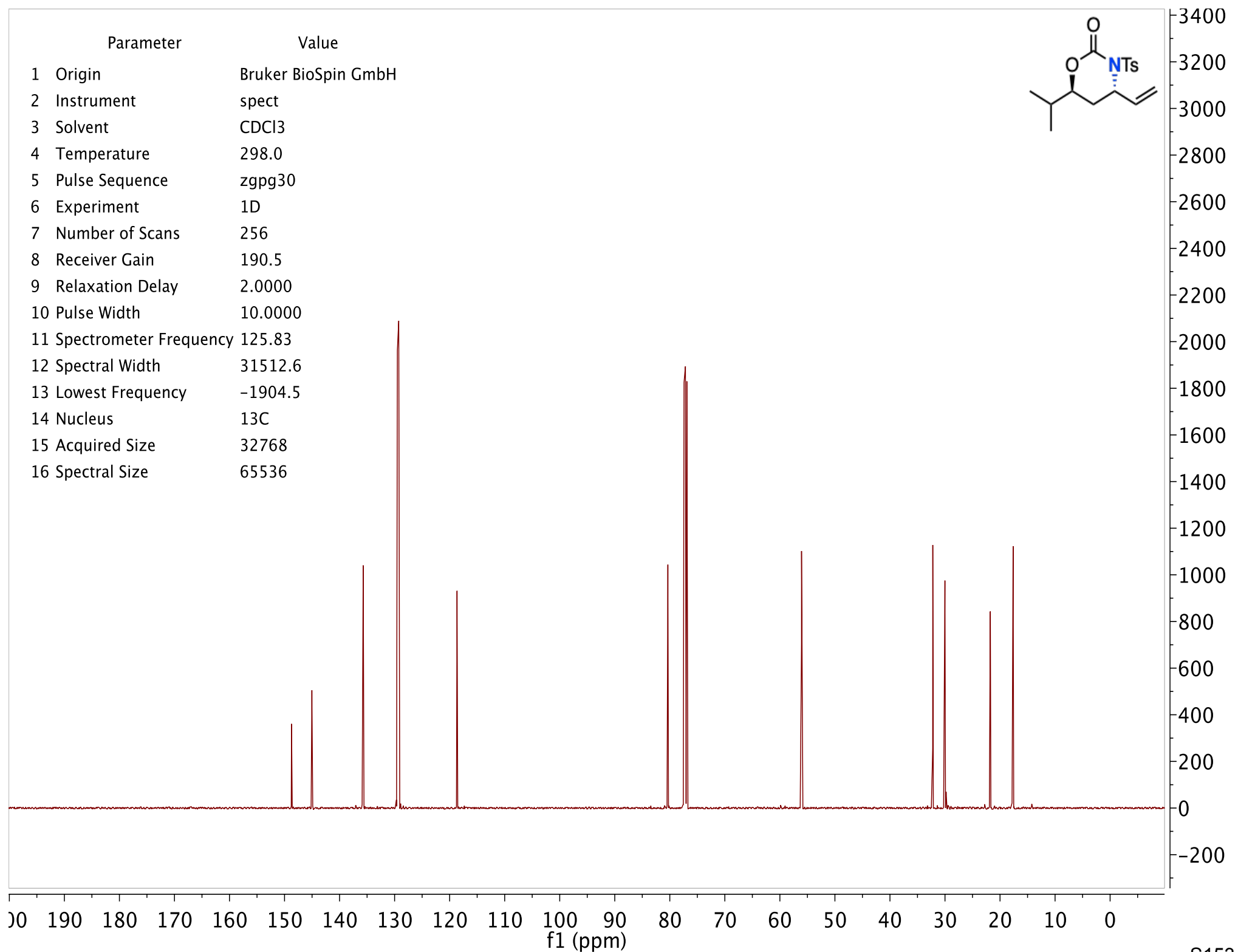
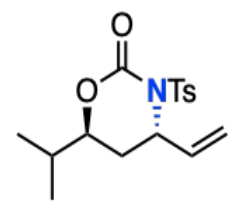
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2056
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



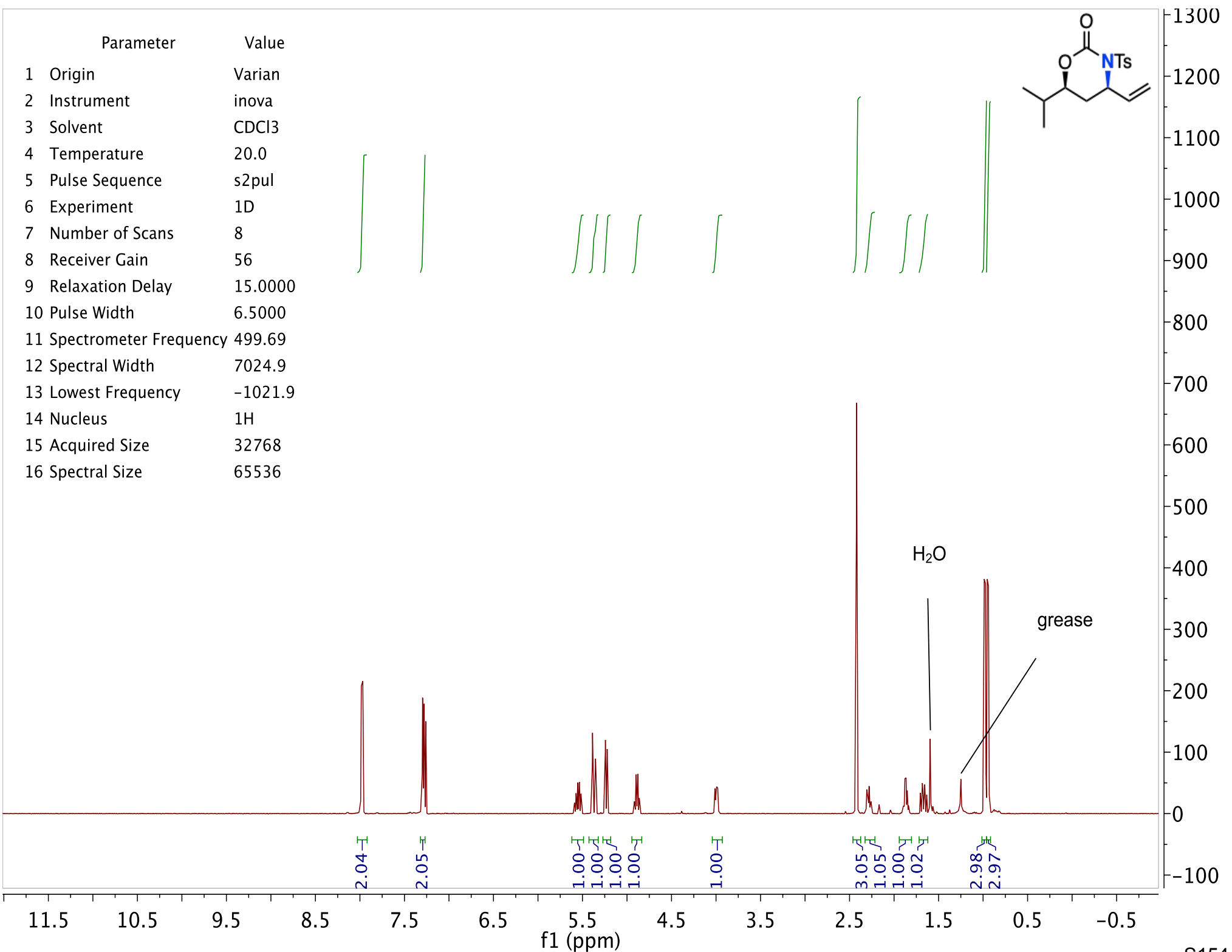
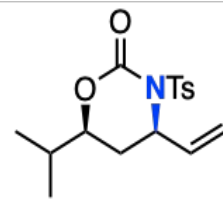
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



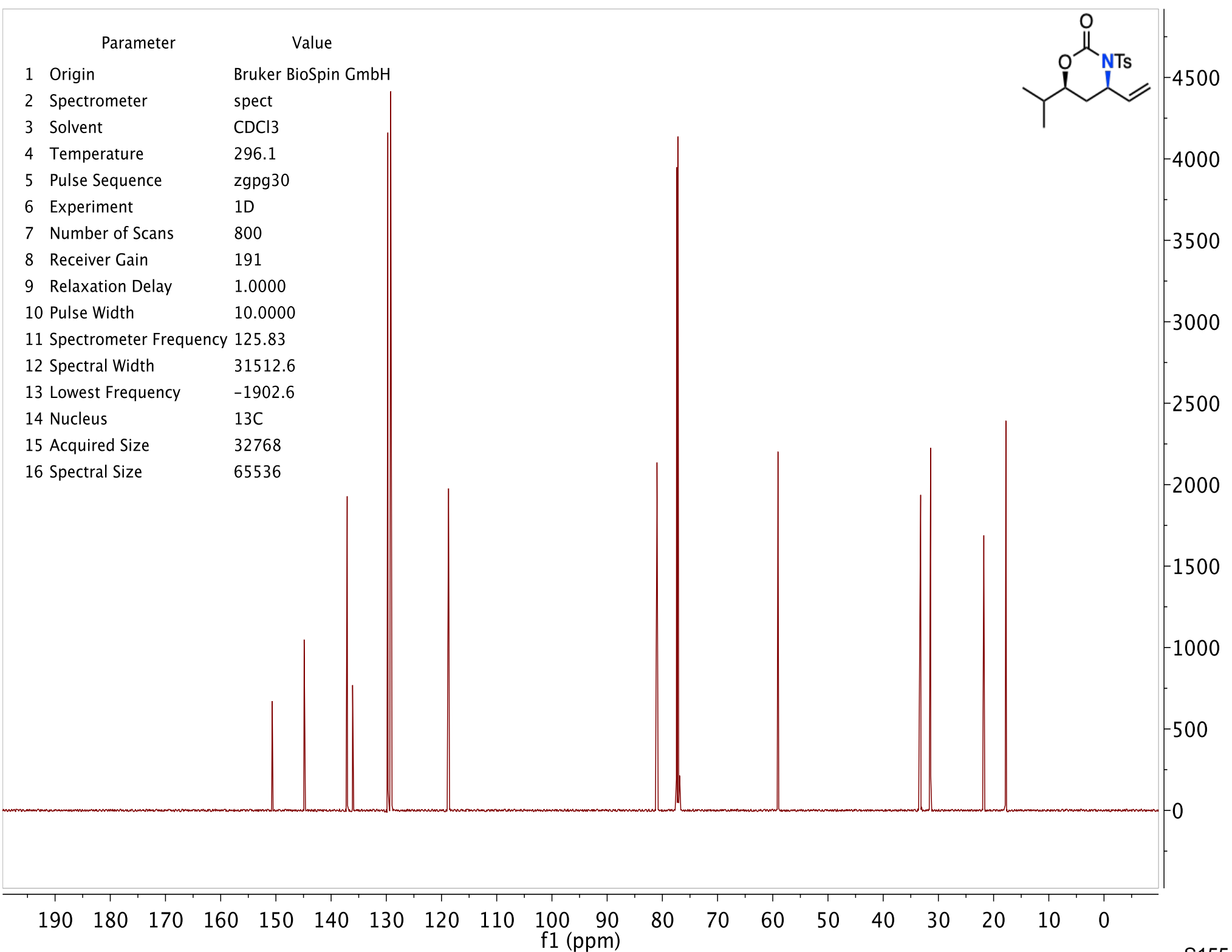
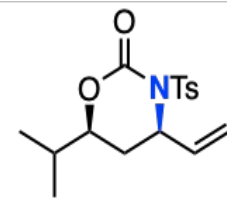
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1904.5
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



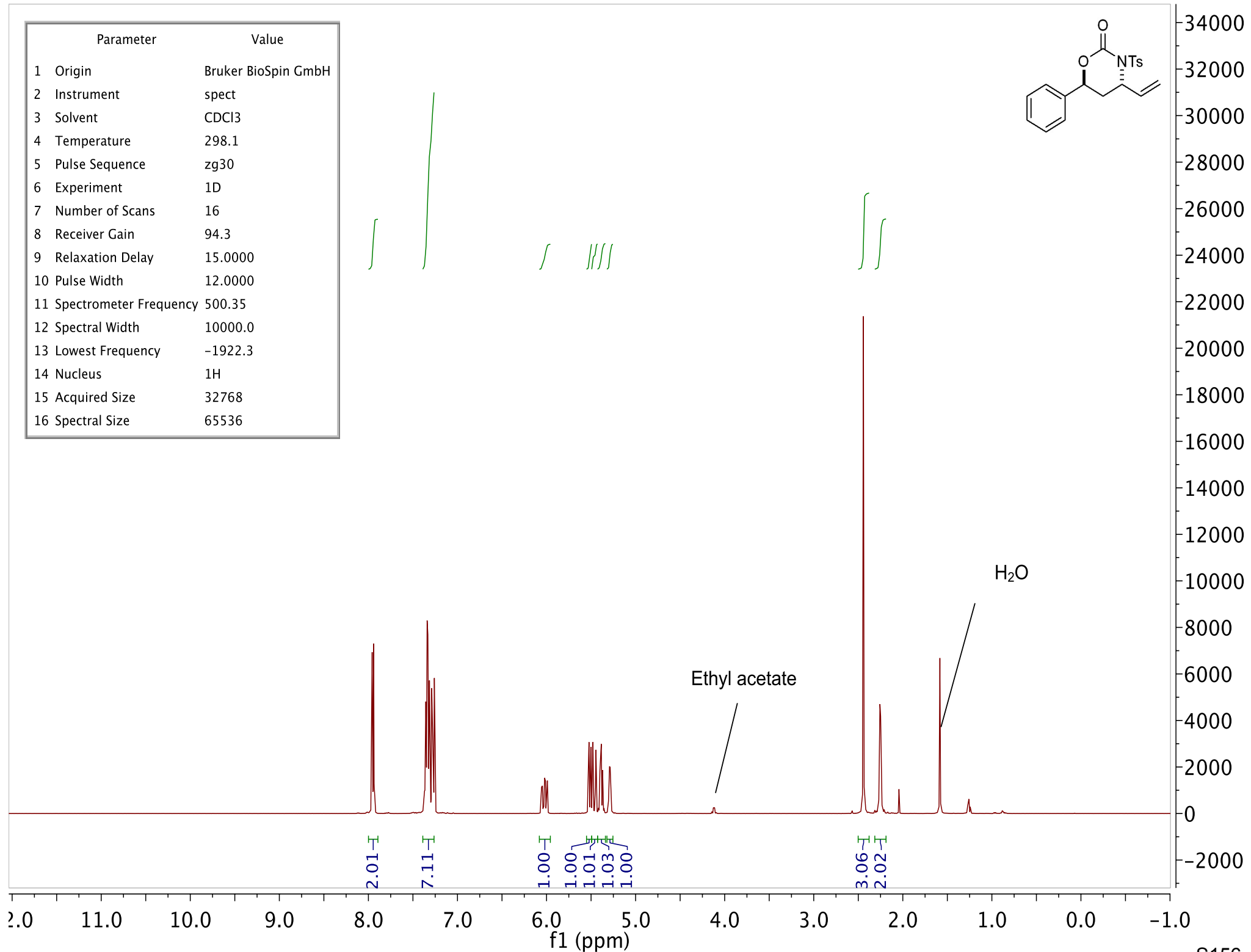
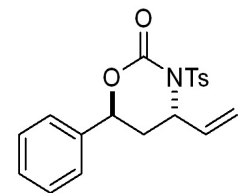
Parameter	Value
1 Origin	Varian
2 Instrument	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	56
9 Relaxation Delay	15.0000
10 Pulse Width	6.5000
11 Spectrometer Frequency	499.69
12 Spectral Width	7024.9
13 Lowest Frequency	-1021.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



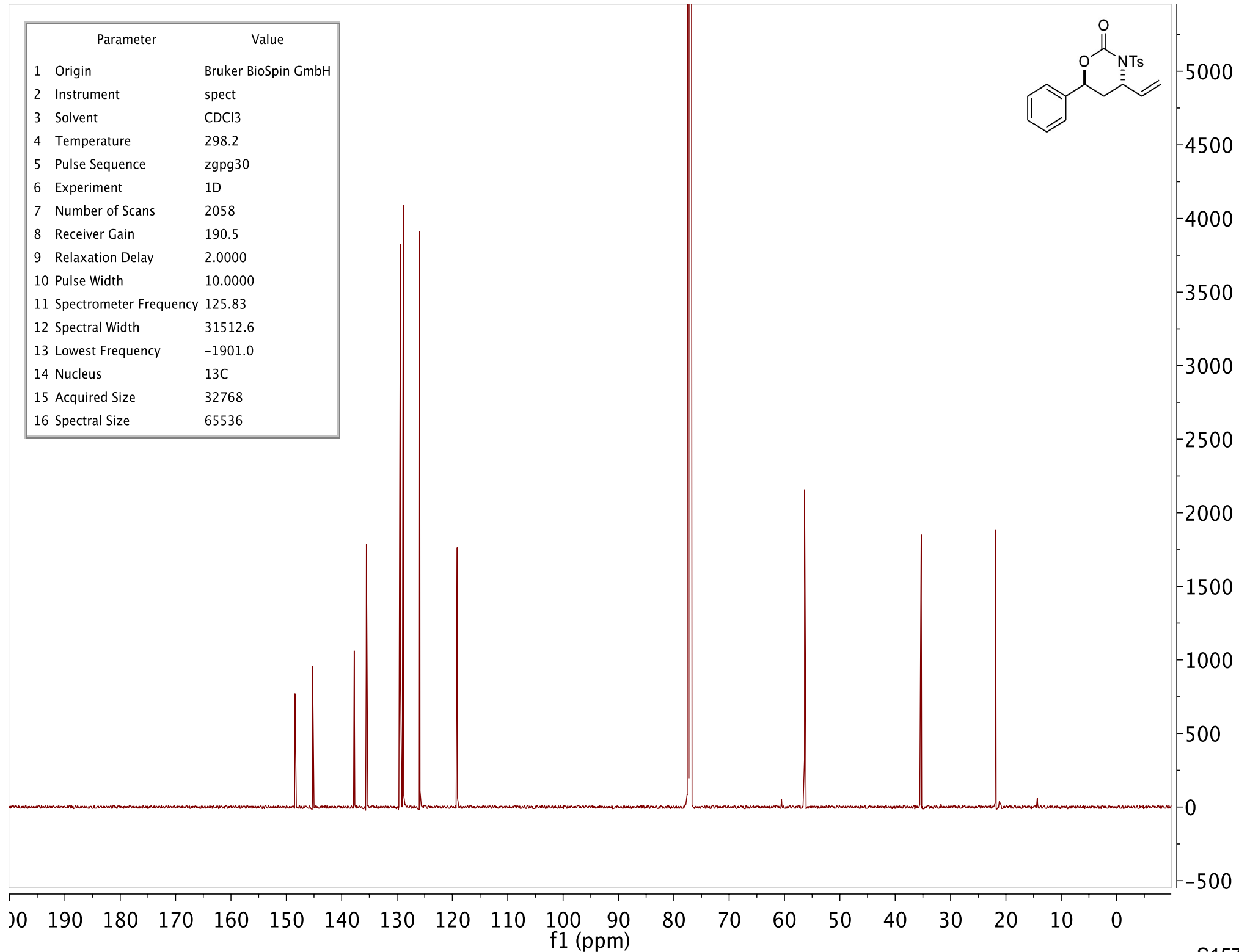
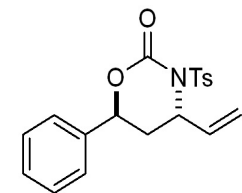
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



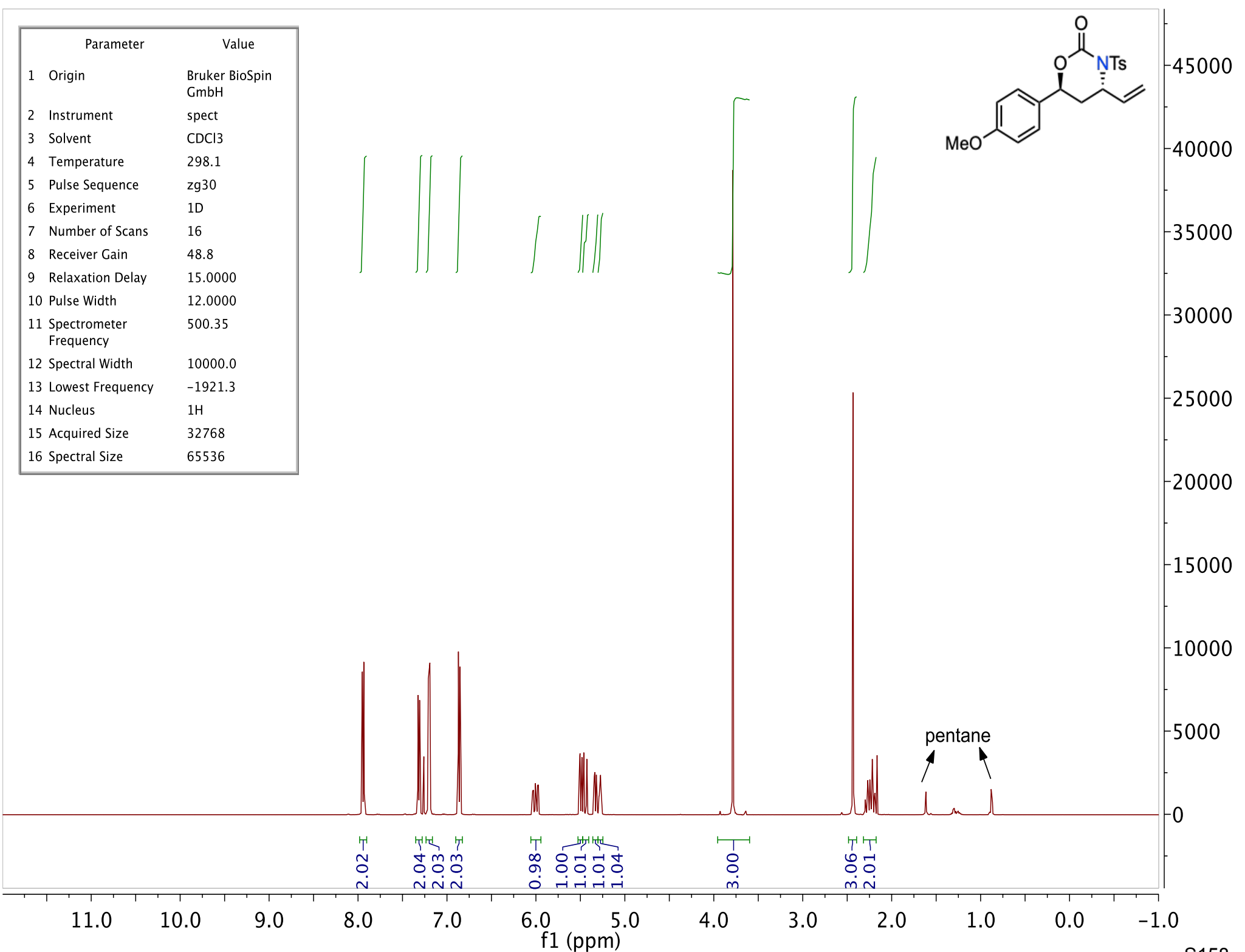
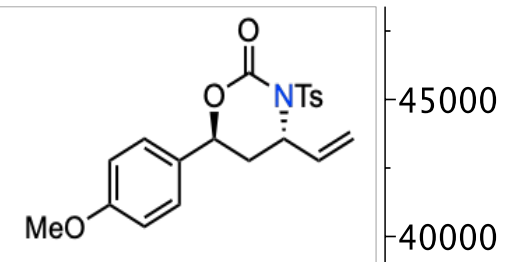
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2058
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

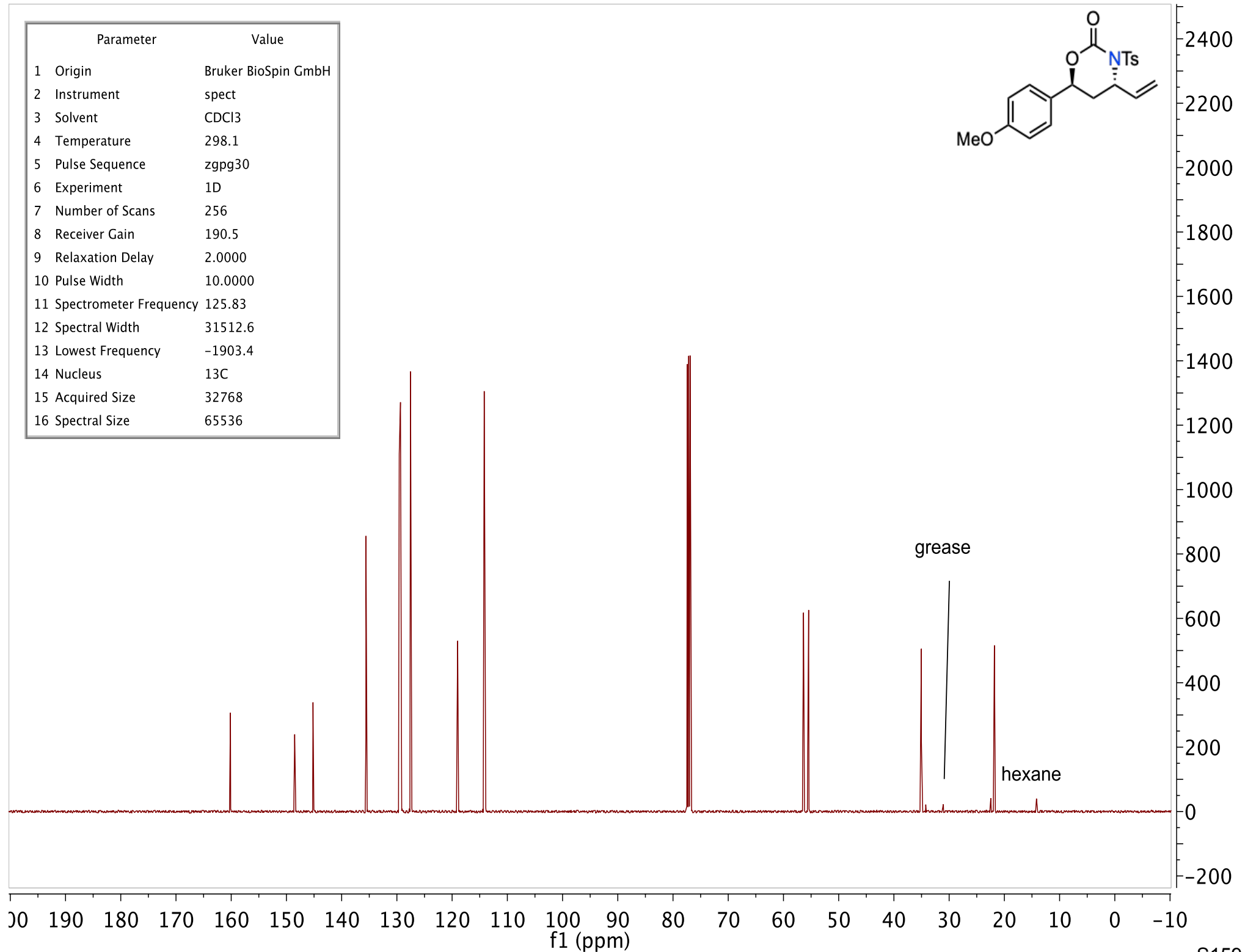
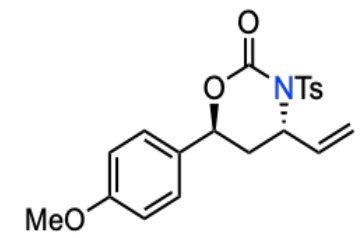


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	48.8
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

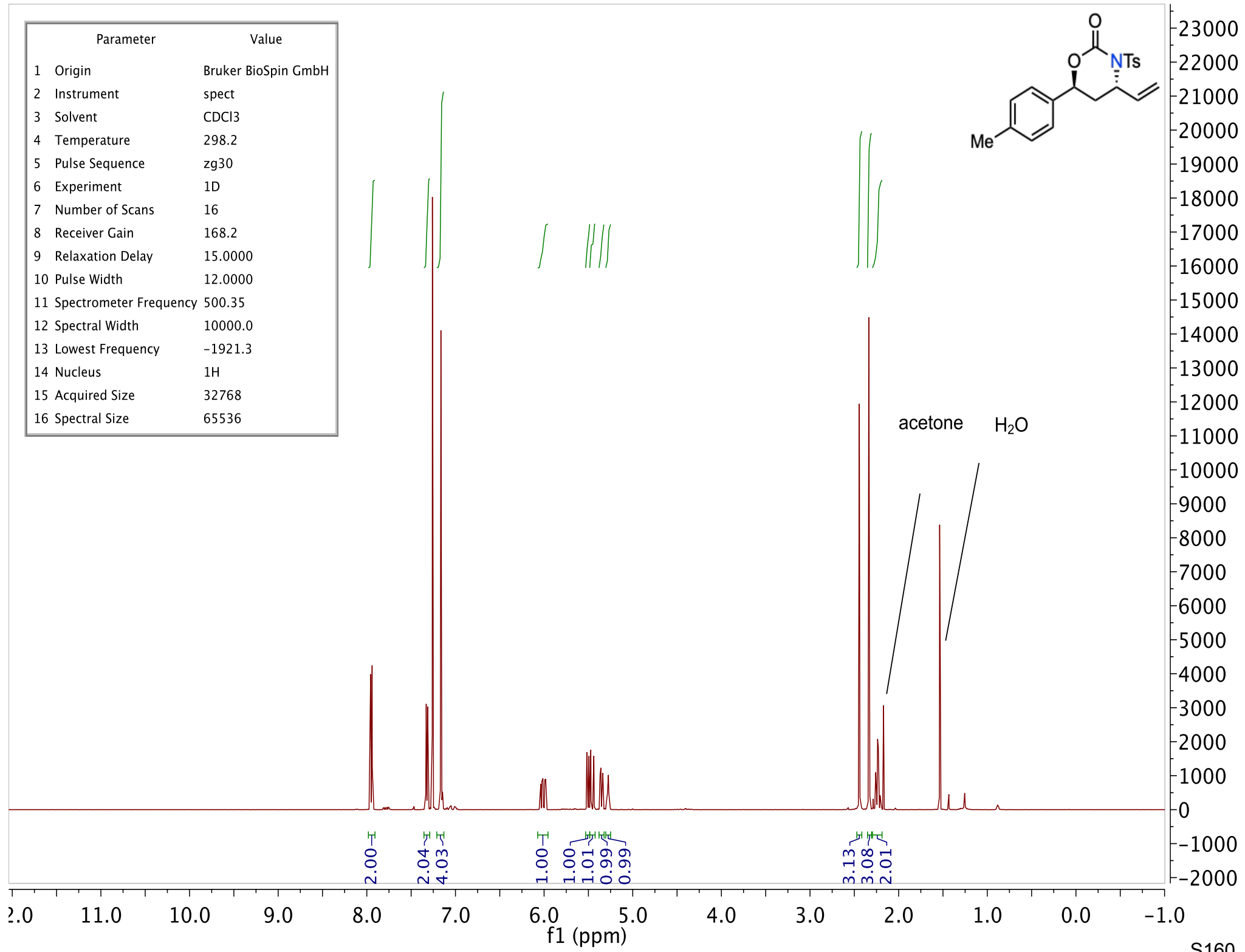
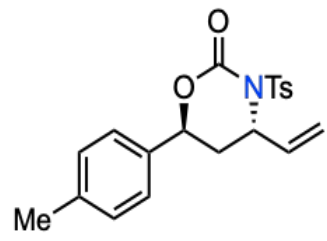


pentane

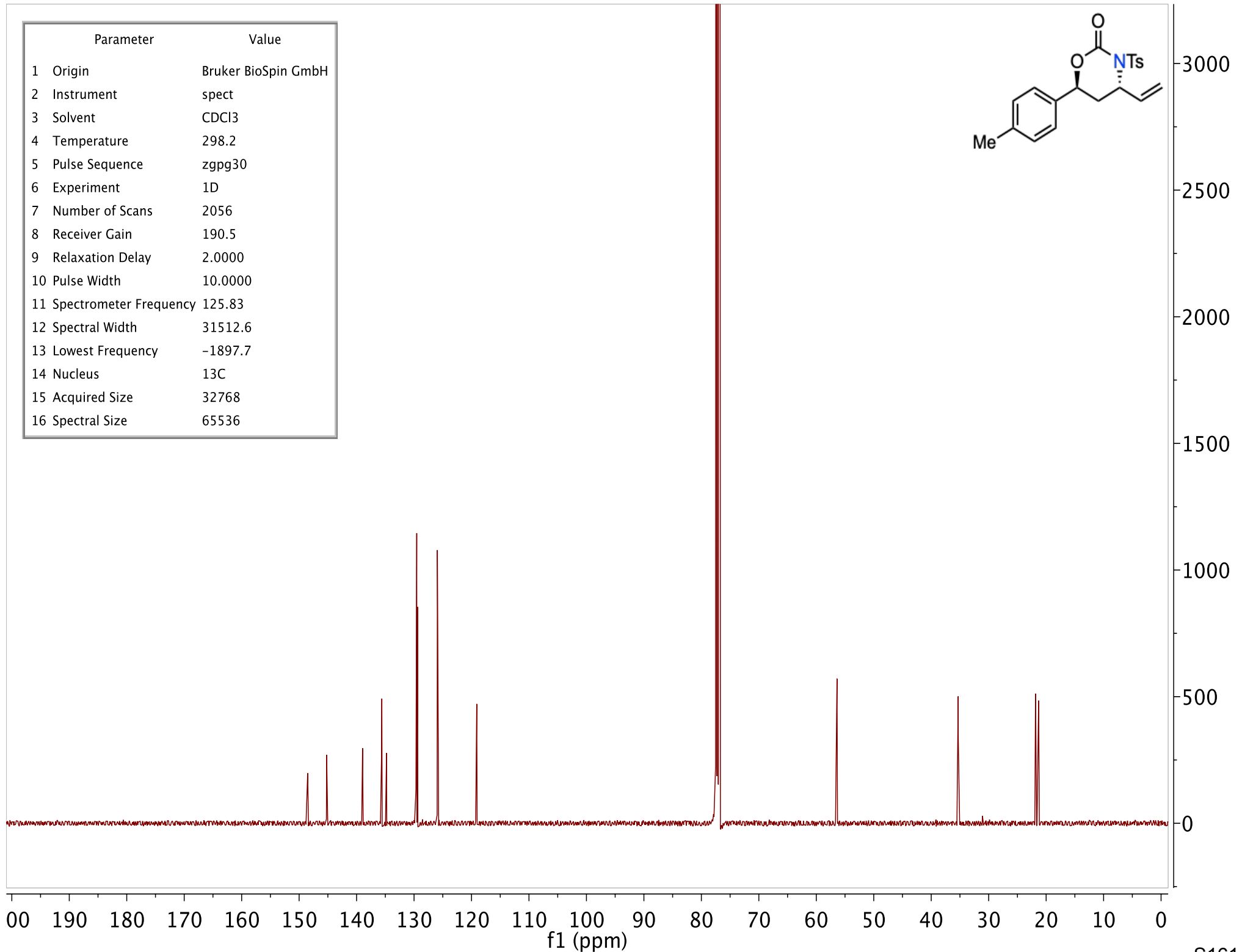
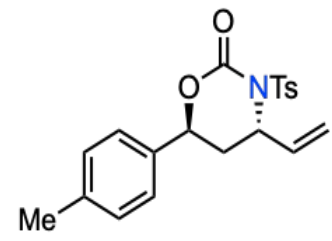
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



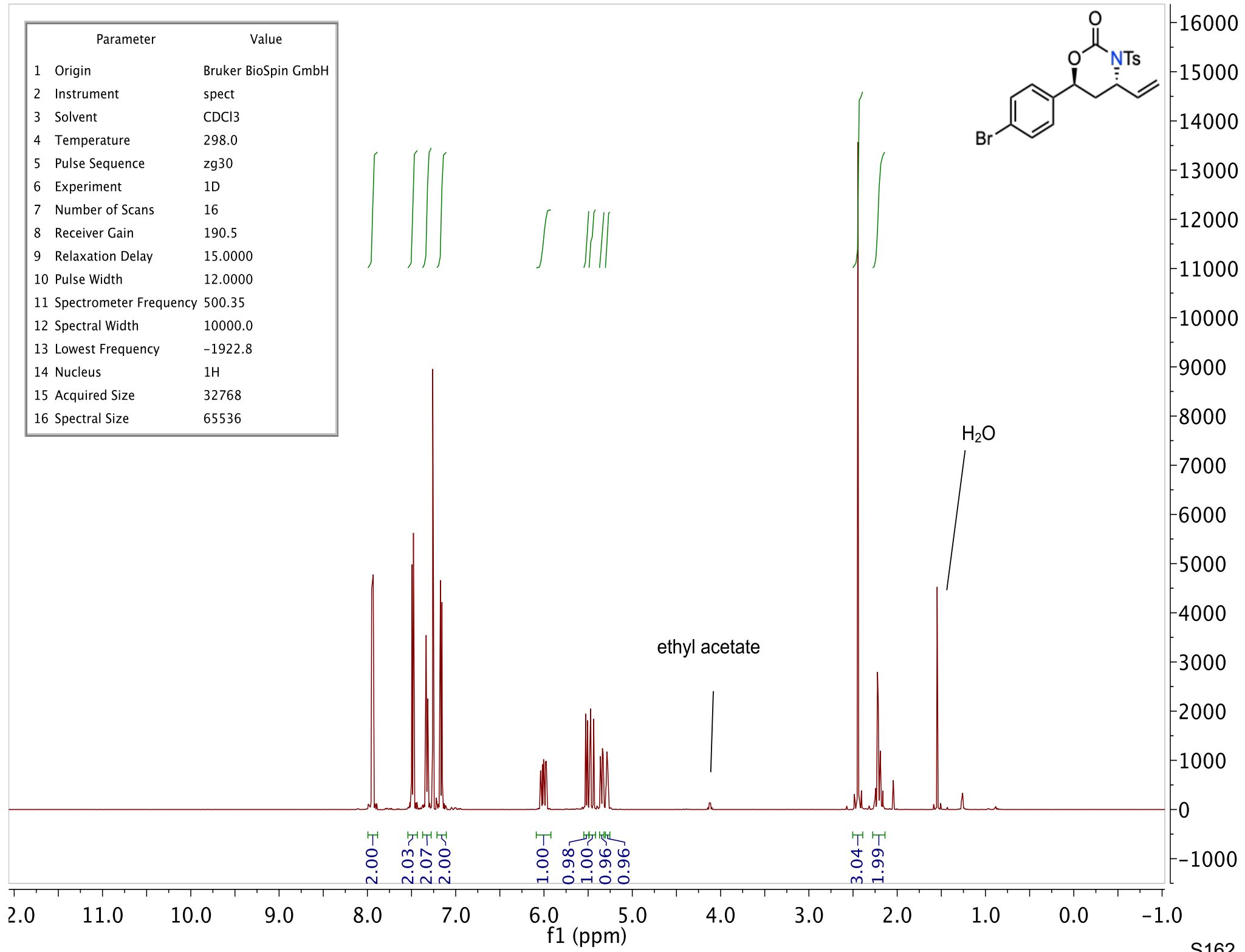
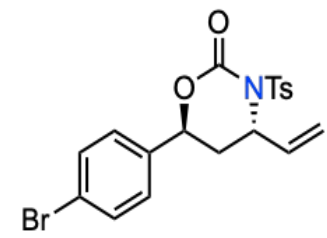
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	168.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



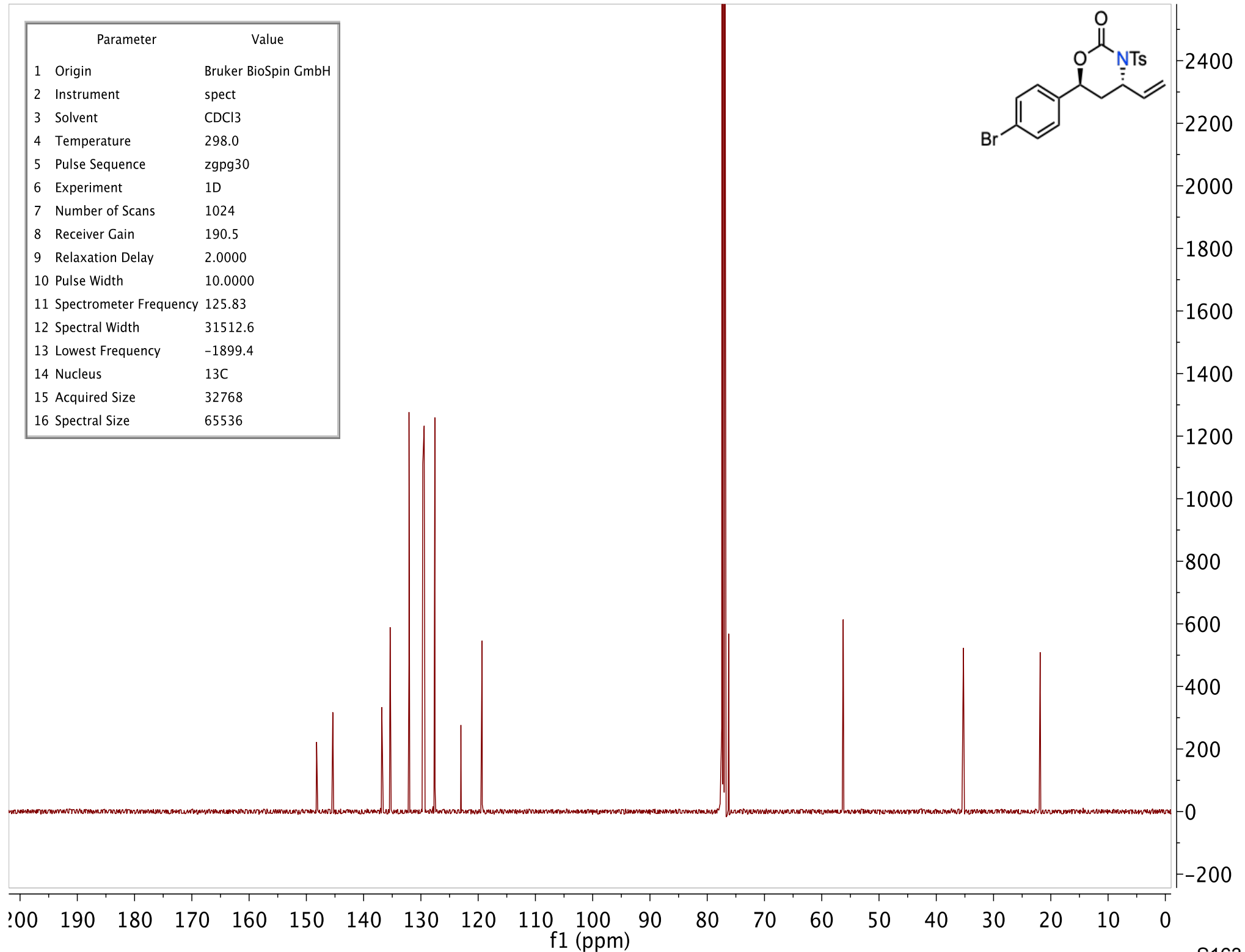
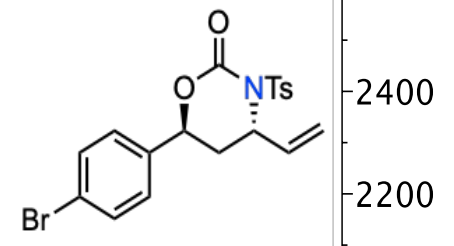
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2056
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1897.7
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



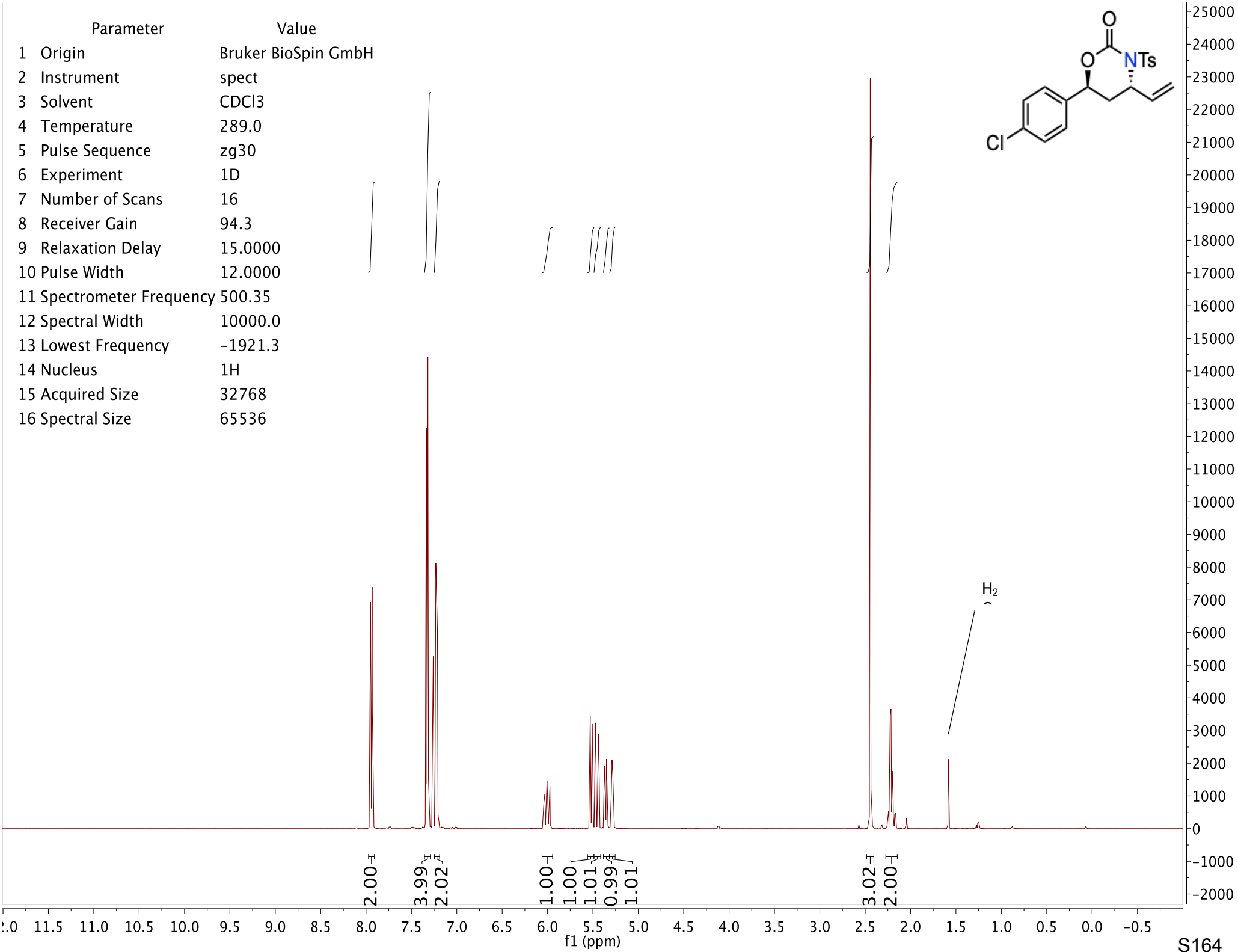
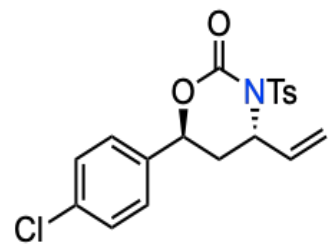
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	190.5
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



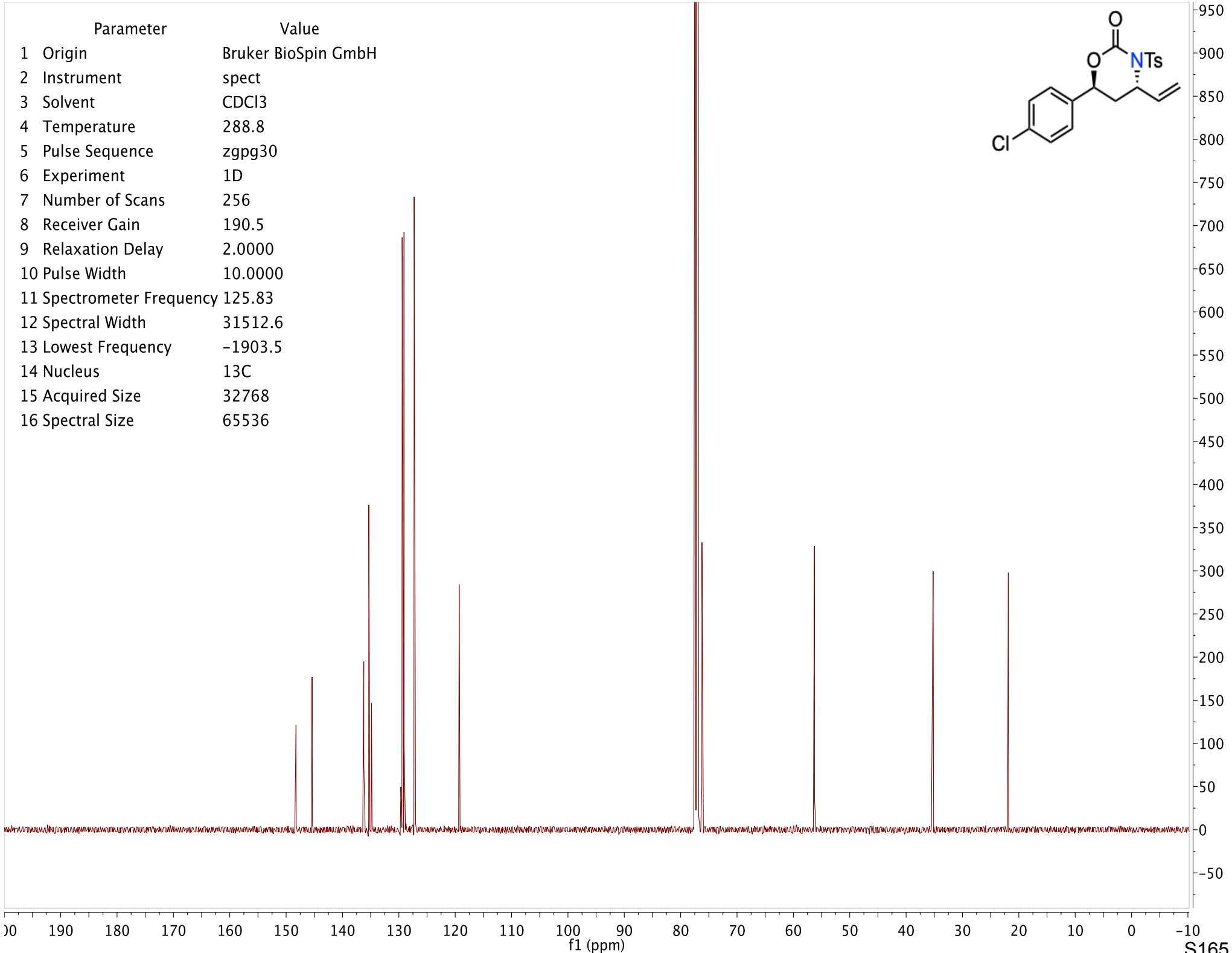
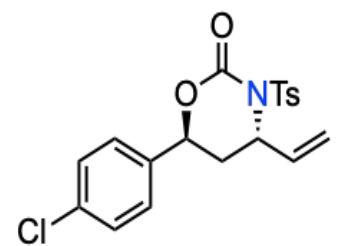
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



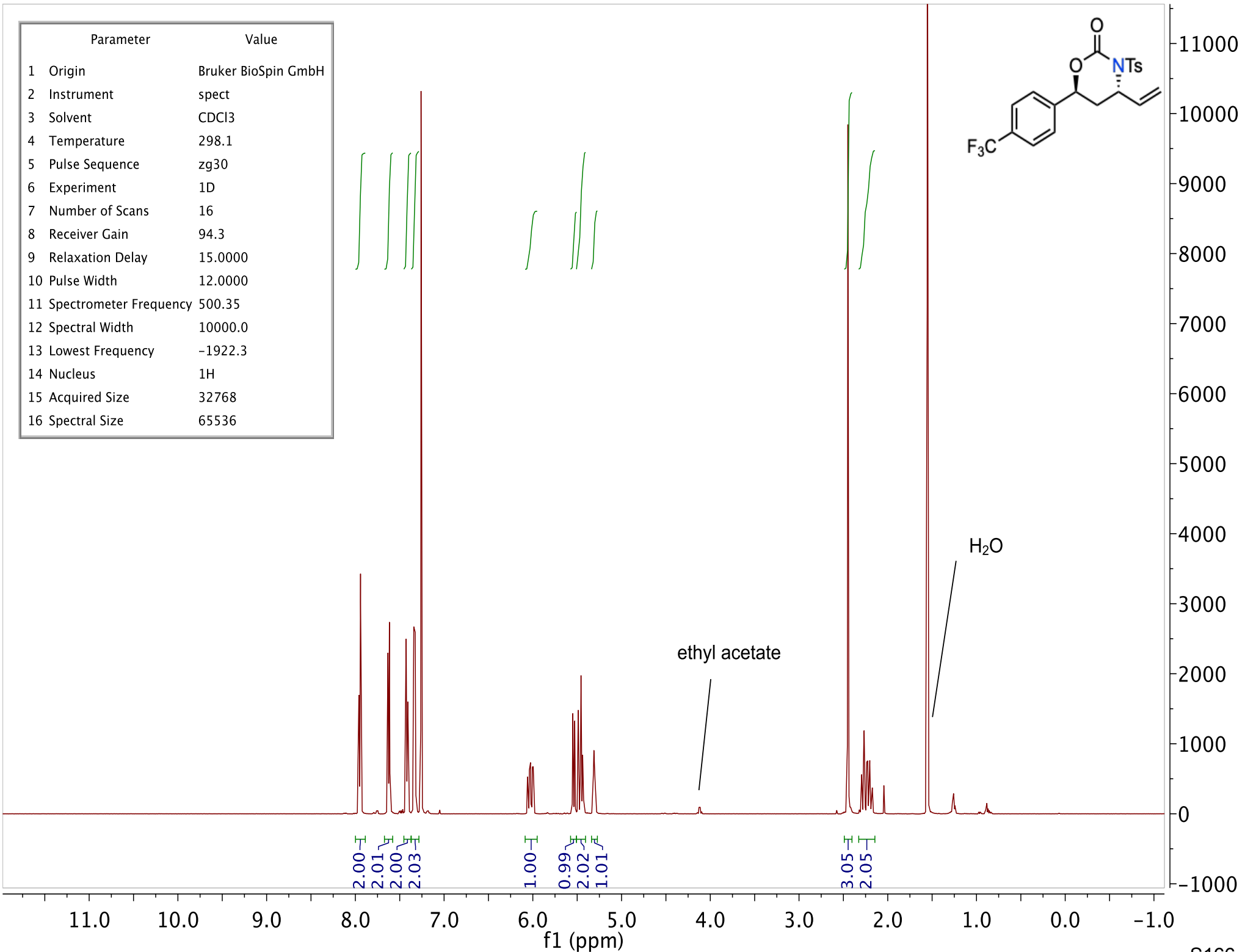
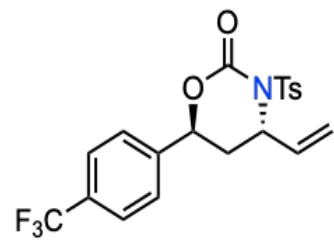
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	288.8
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.5
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

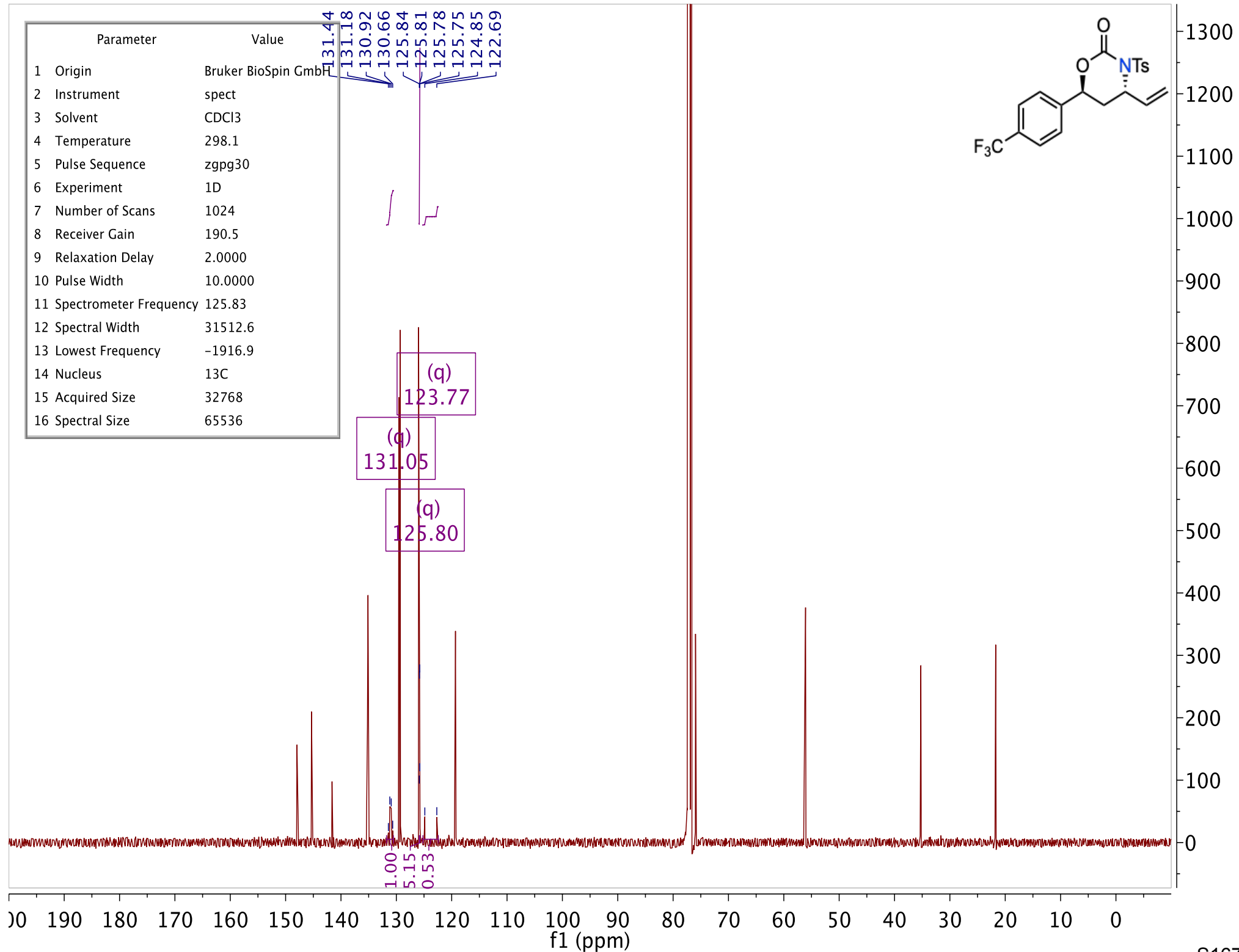


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

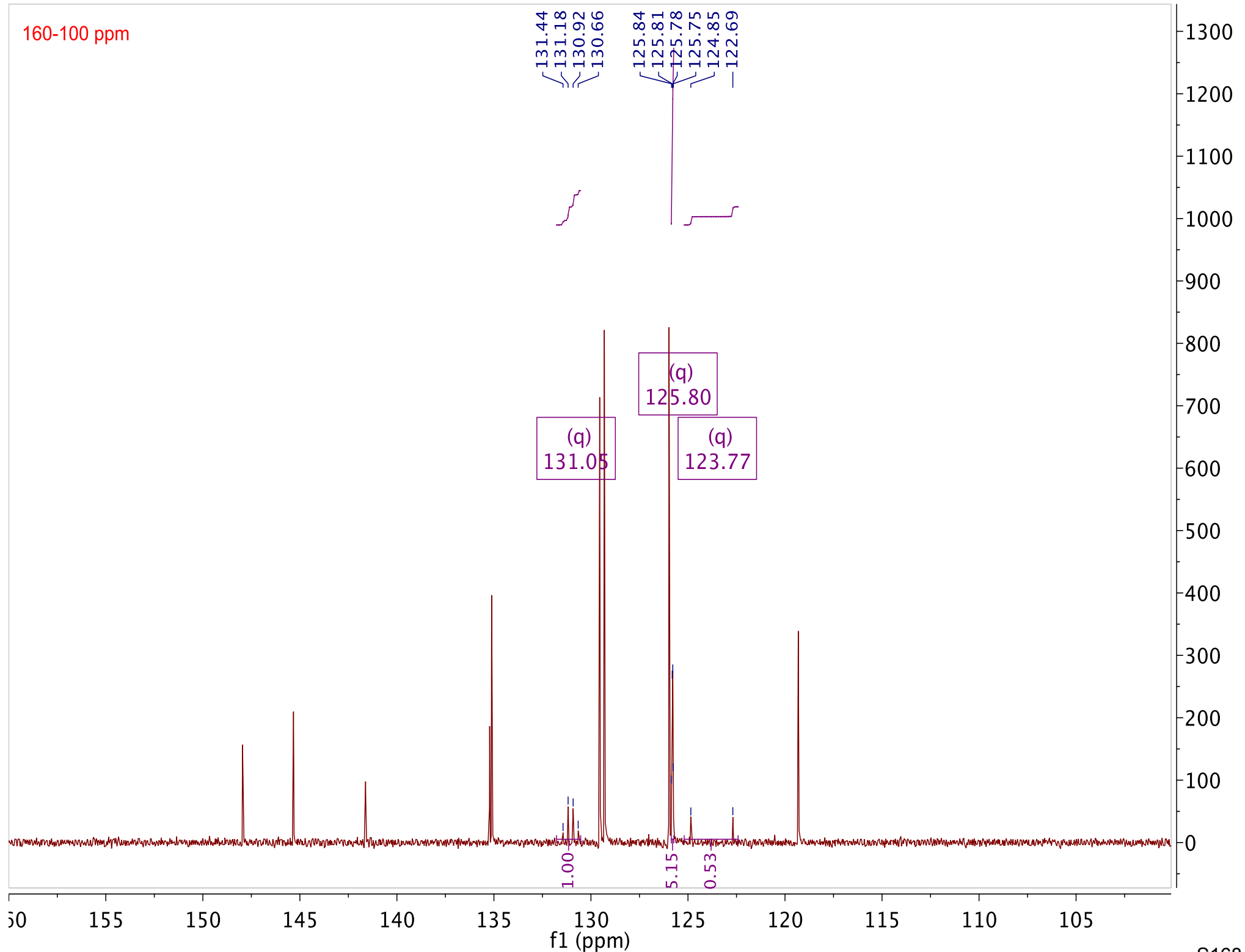


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

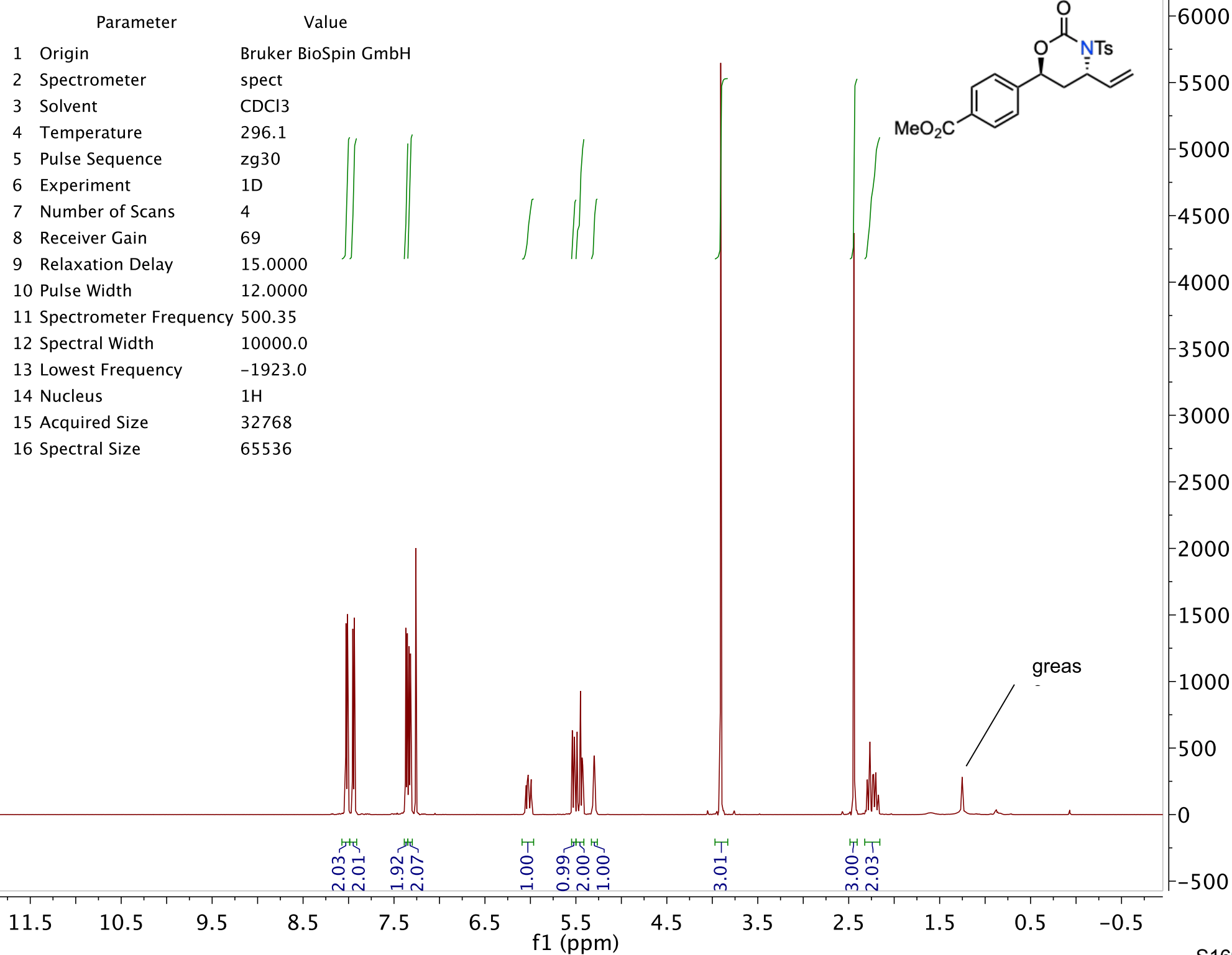
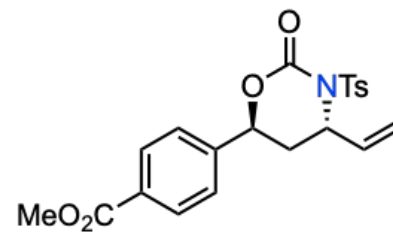
131.44
131.18
130.92
130.66
125.84
125.81
125.78
125.75
124.85
122.69



160-100 ppm

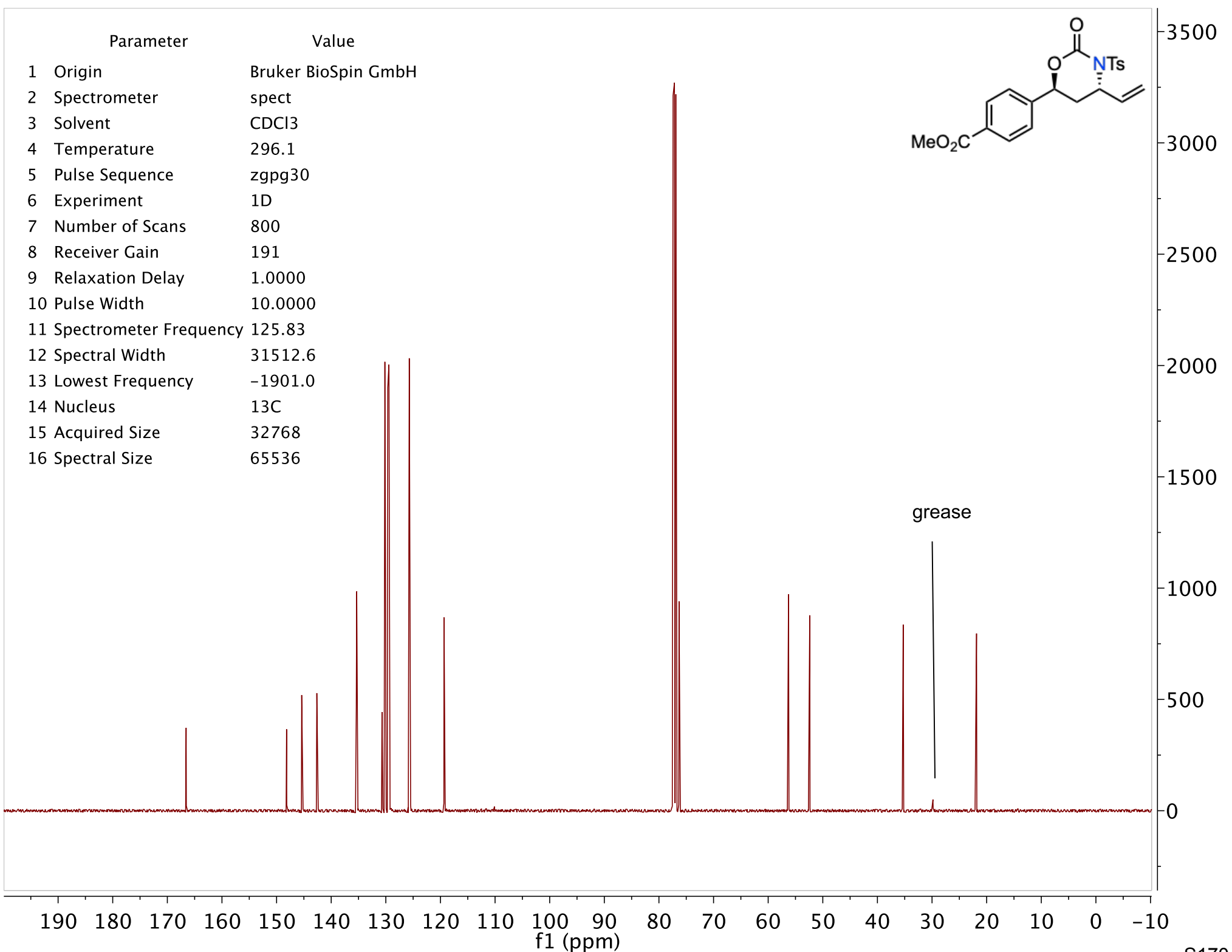
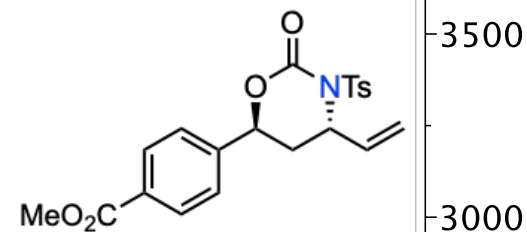


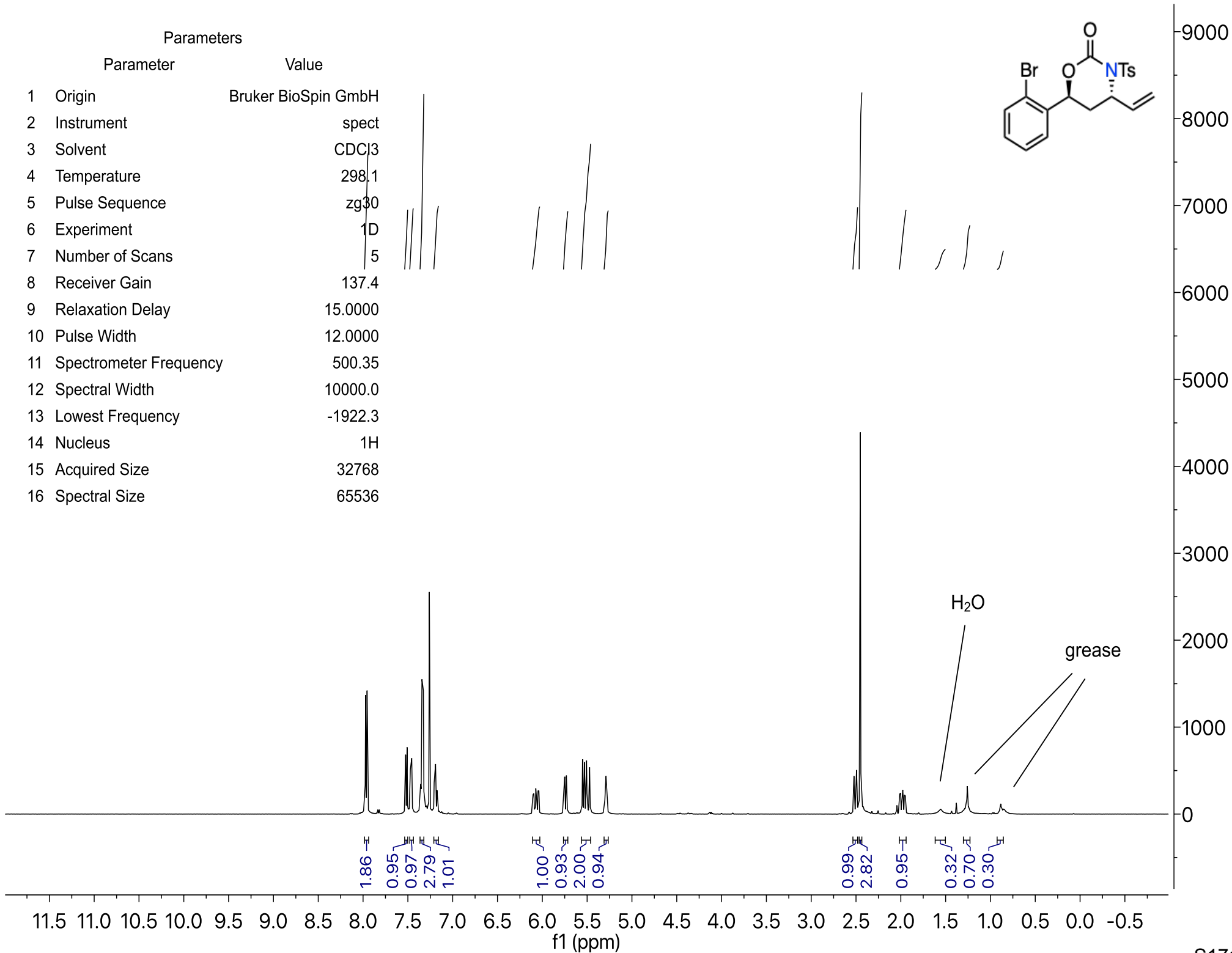
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	69
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1923.0
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



greas

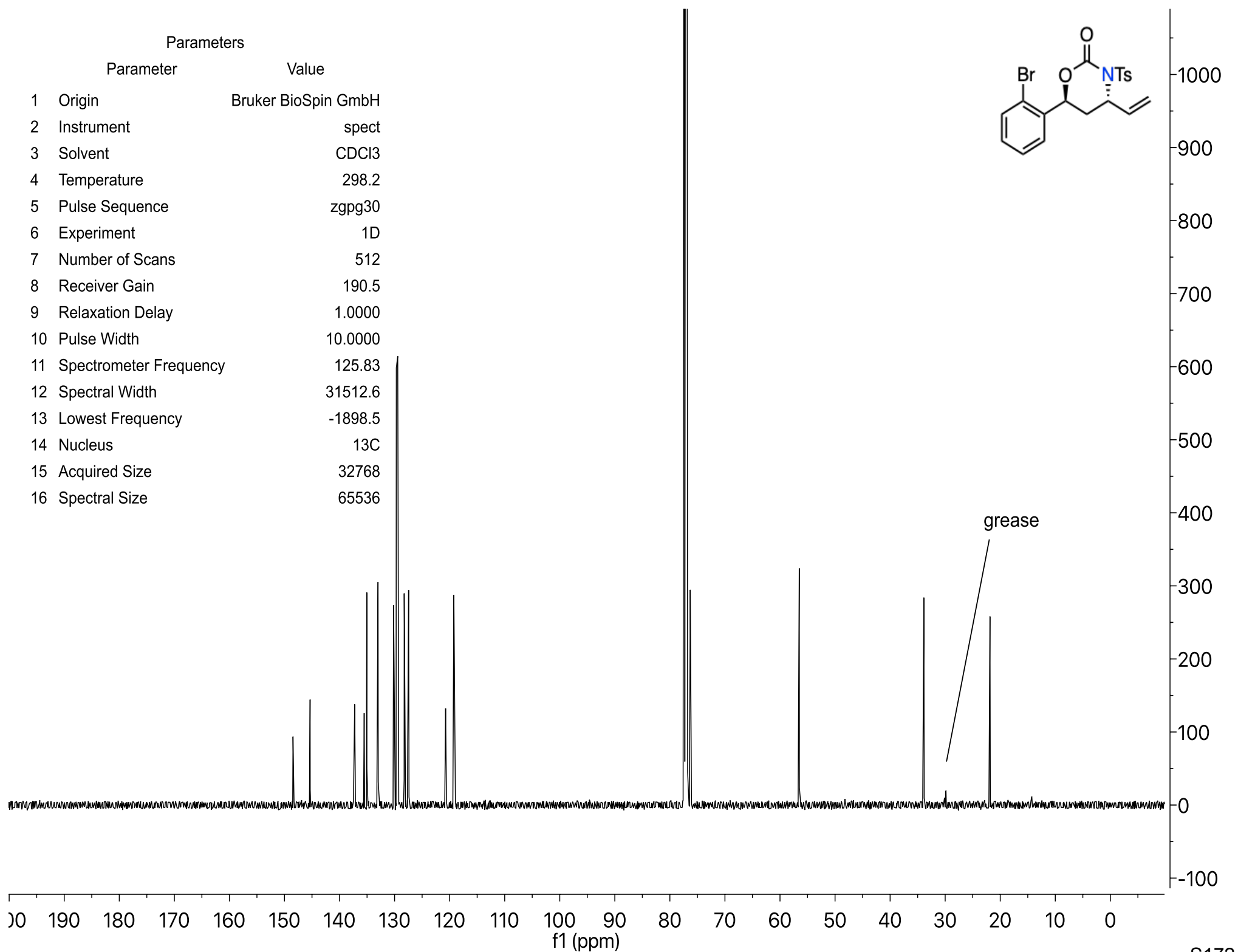
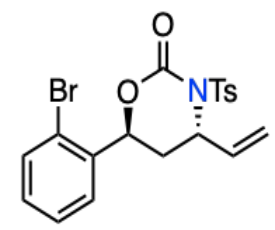
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



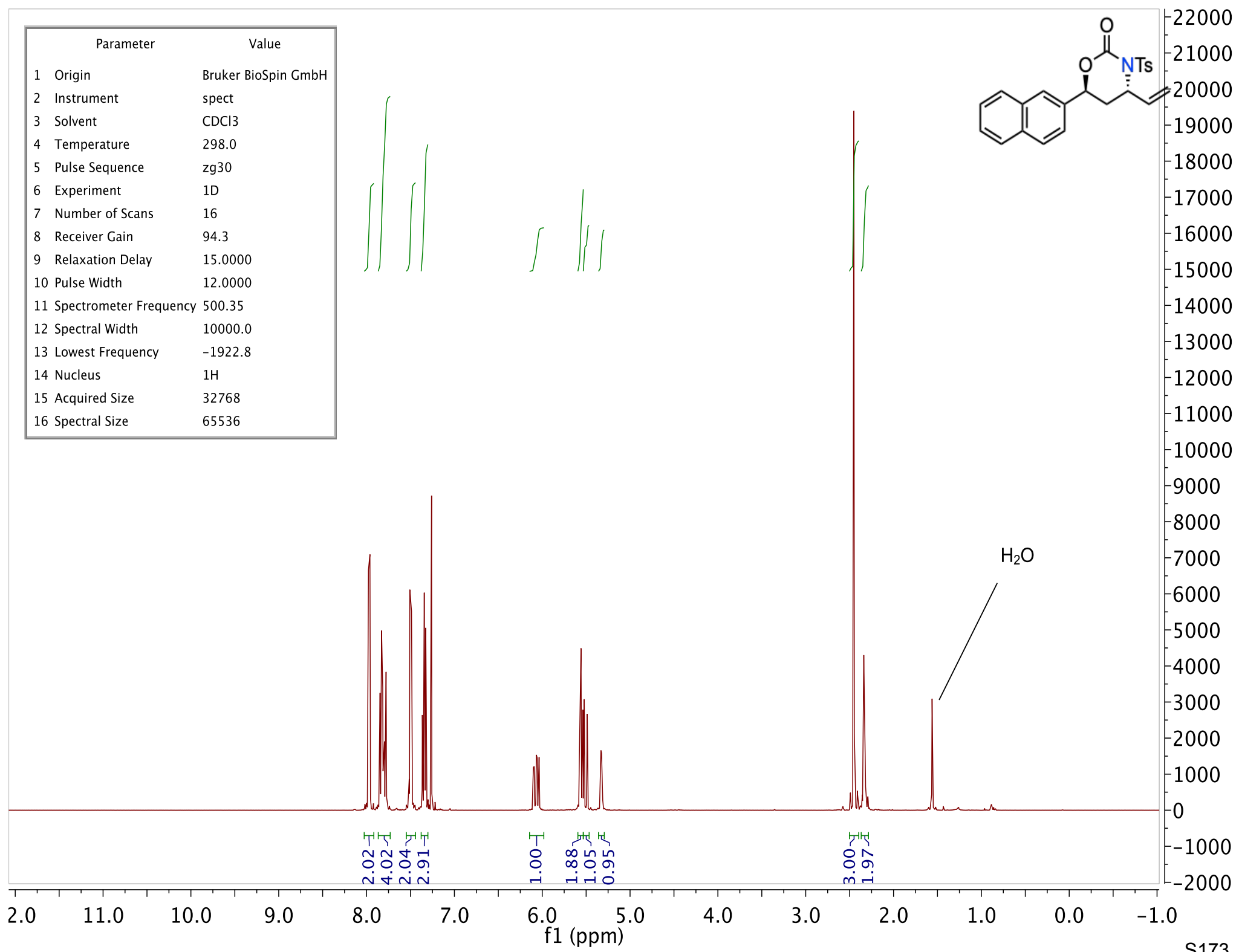
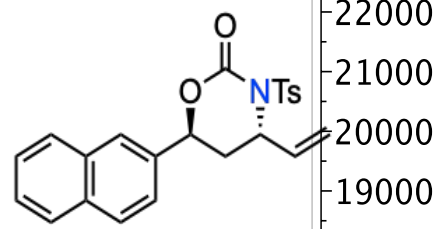


Parameters

Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.5
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536

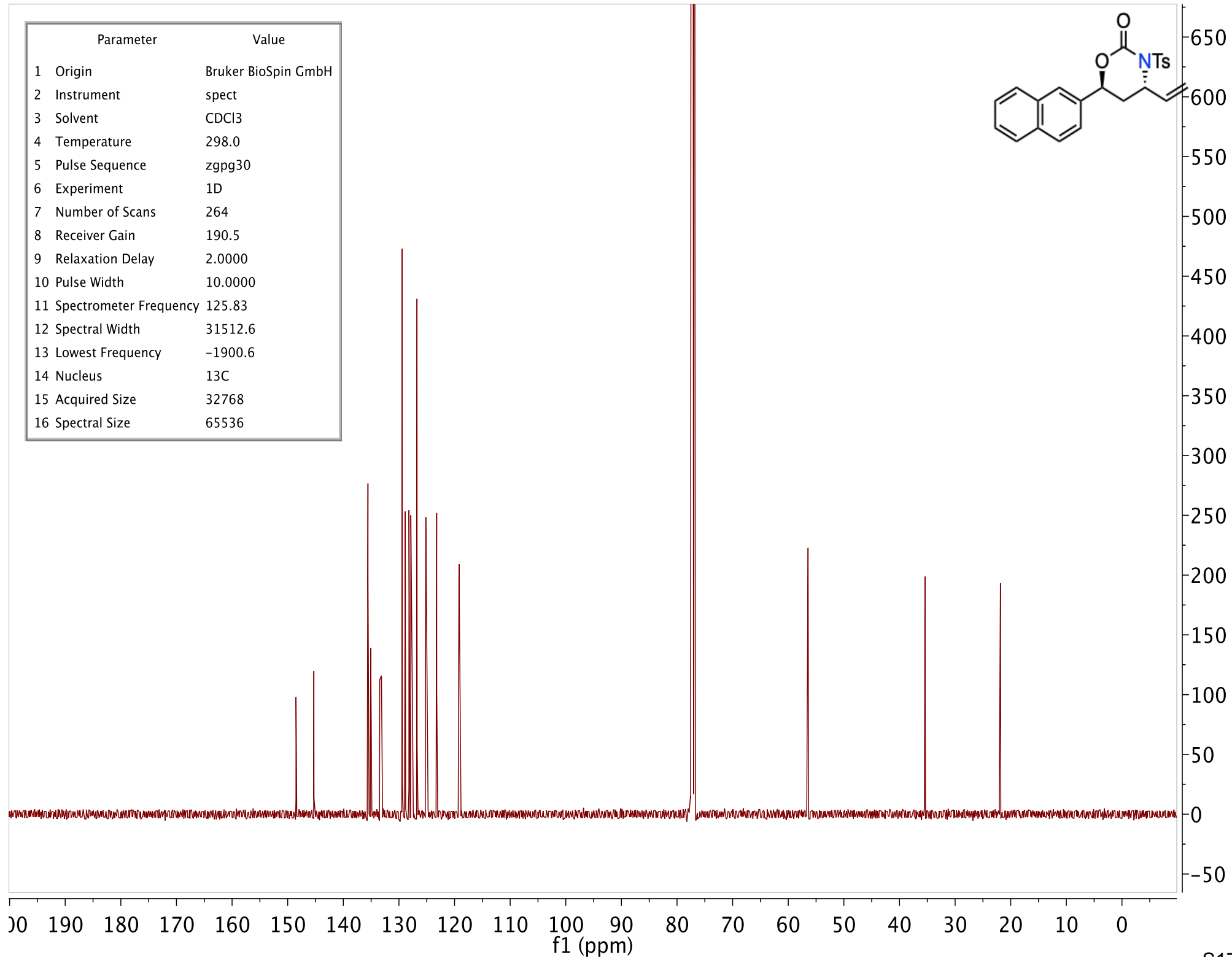
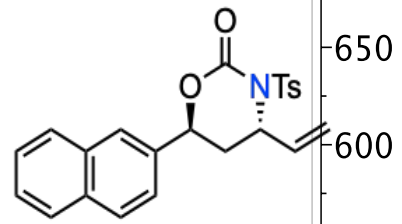


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

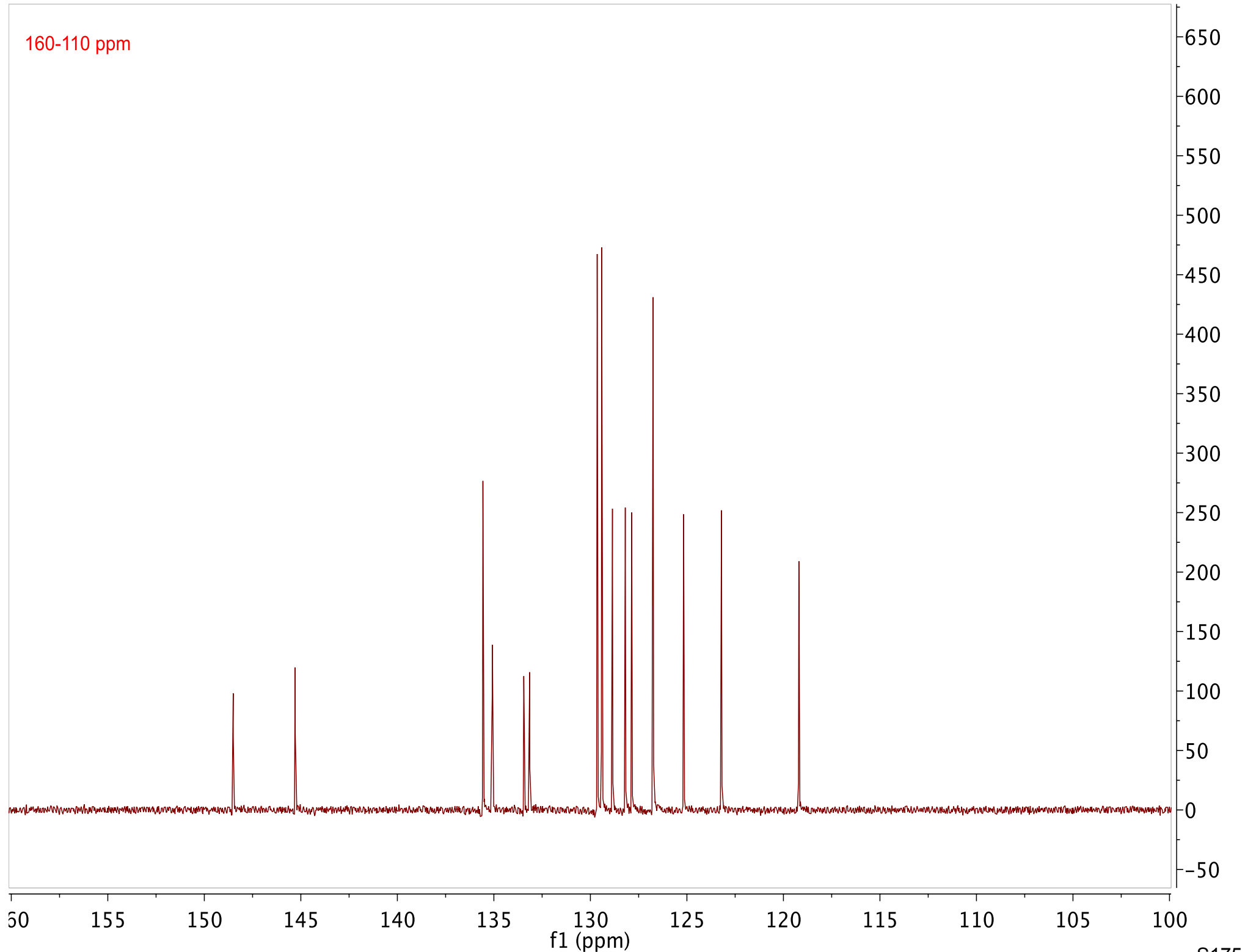


H₂O

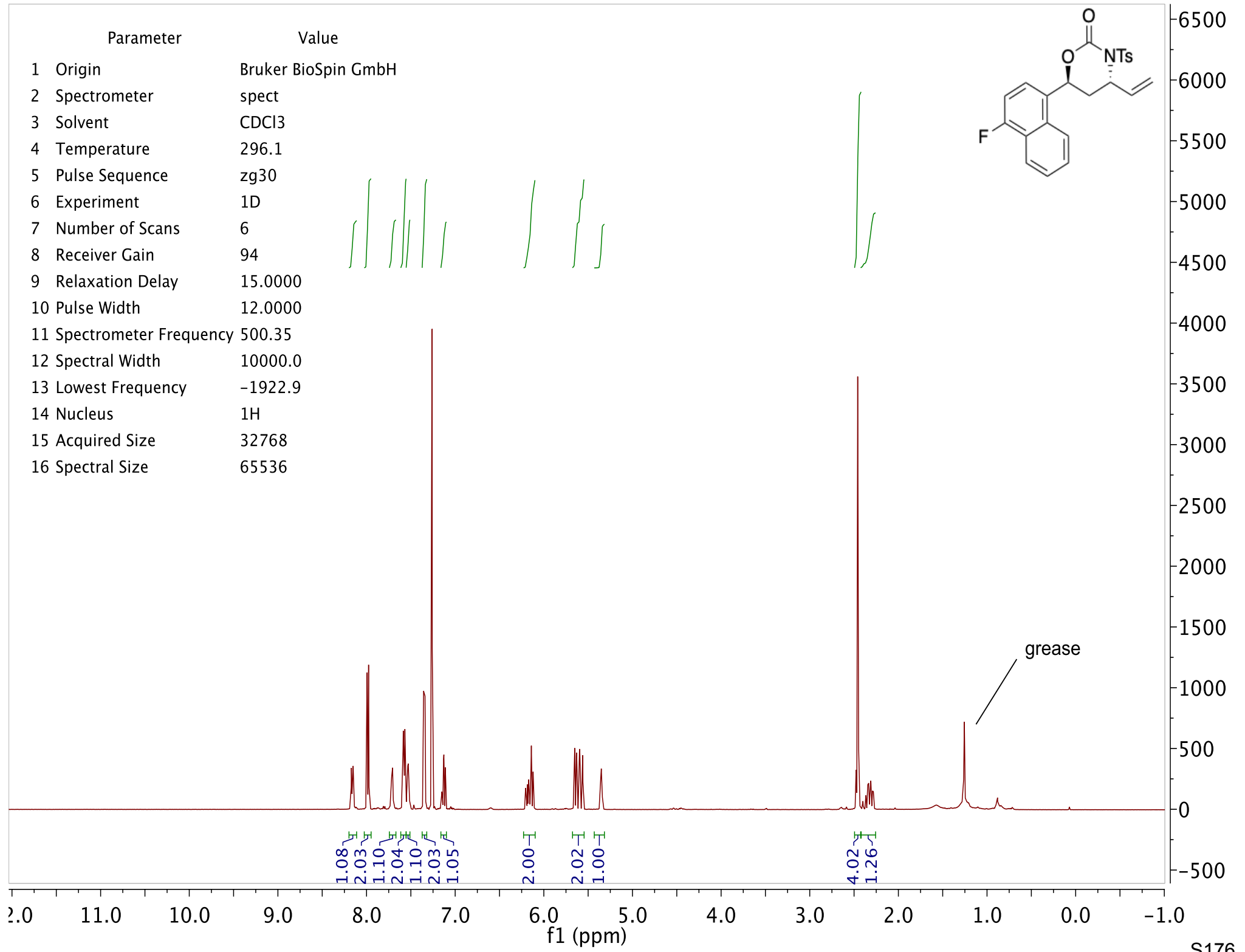
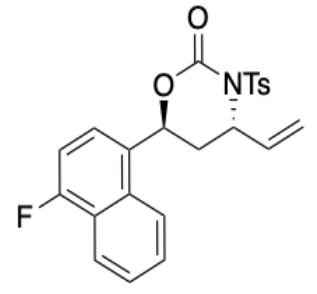
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	264
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

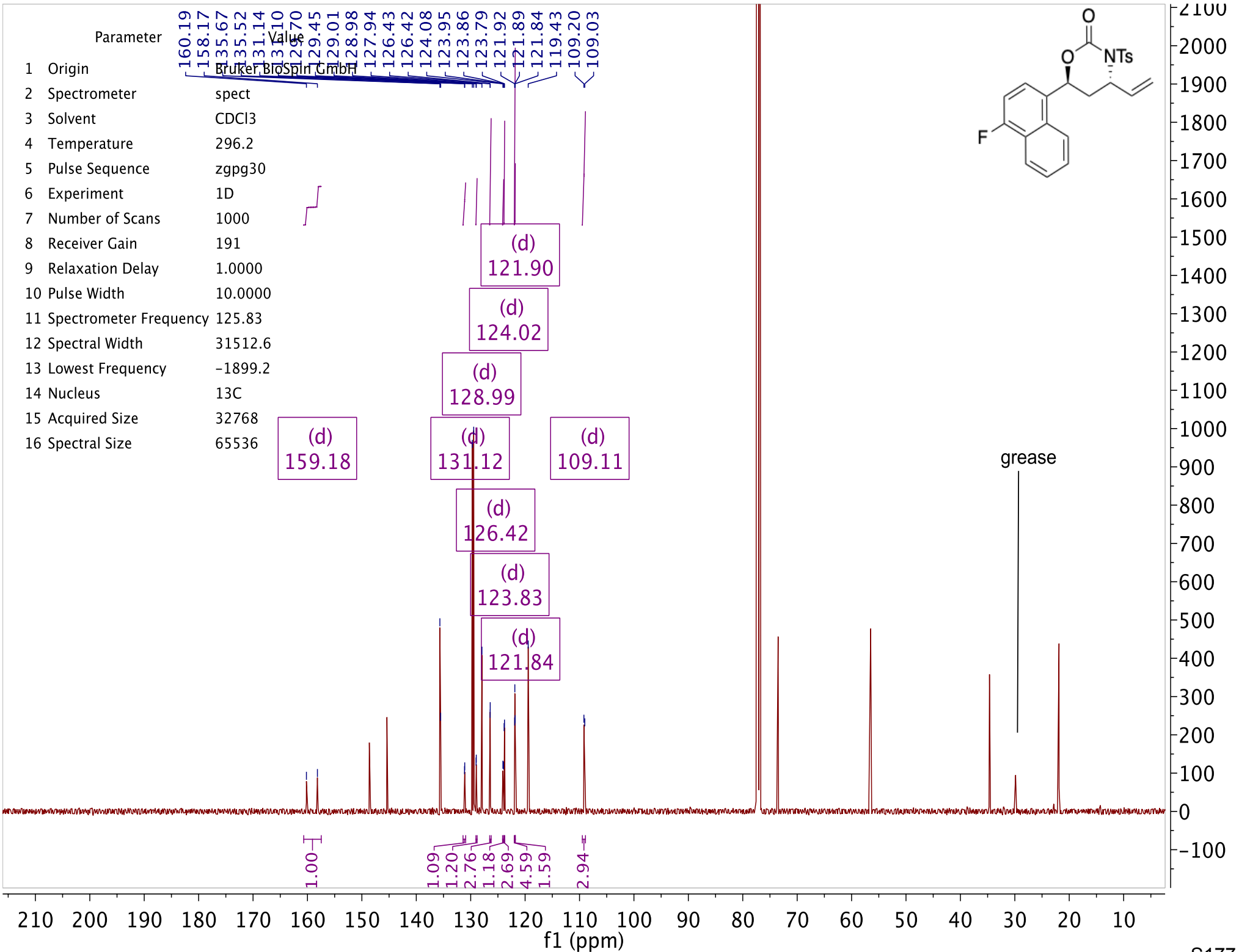


160-110 ppm

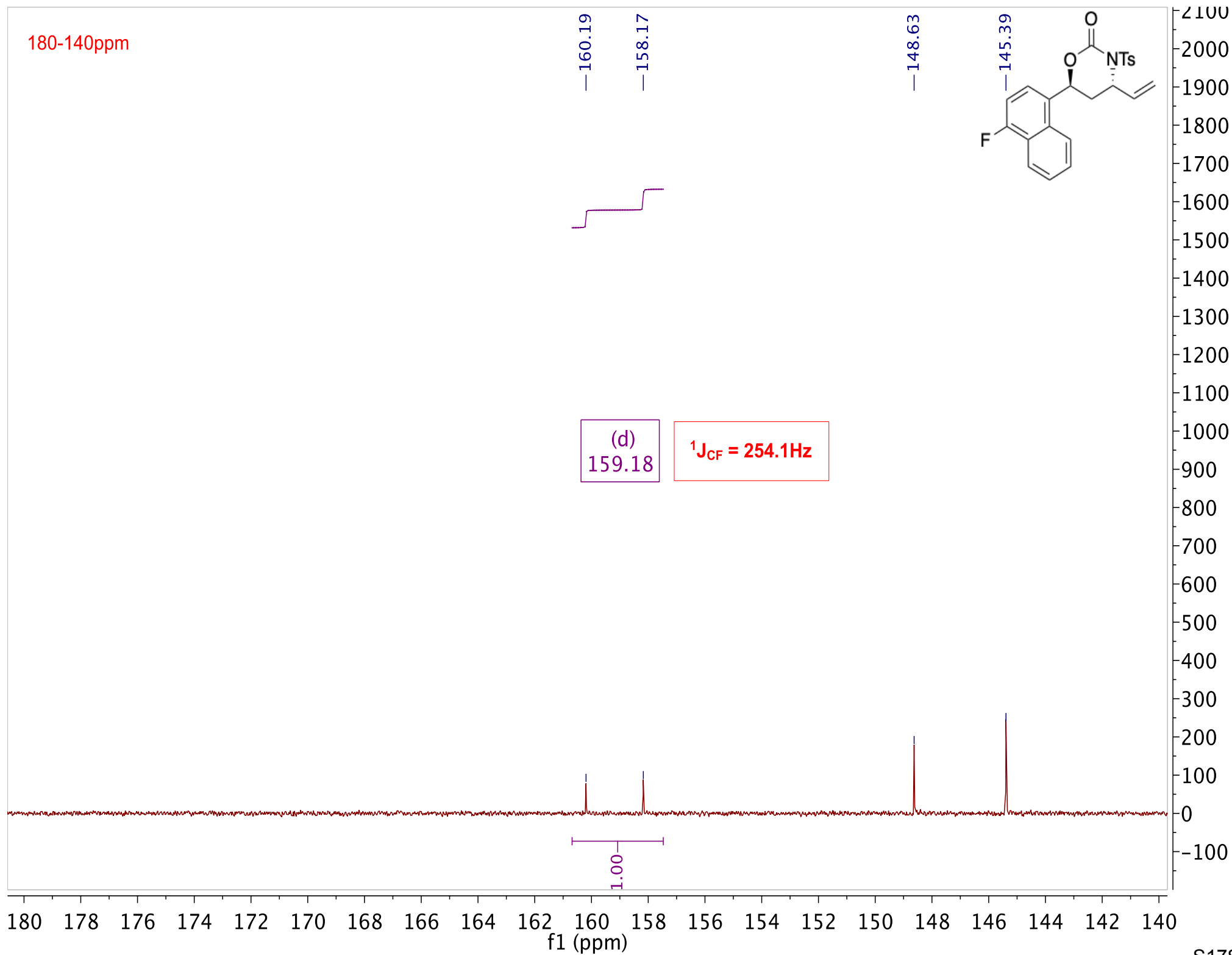


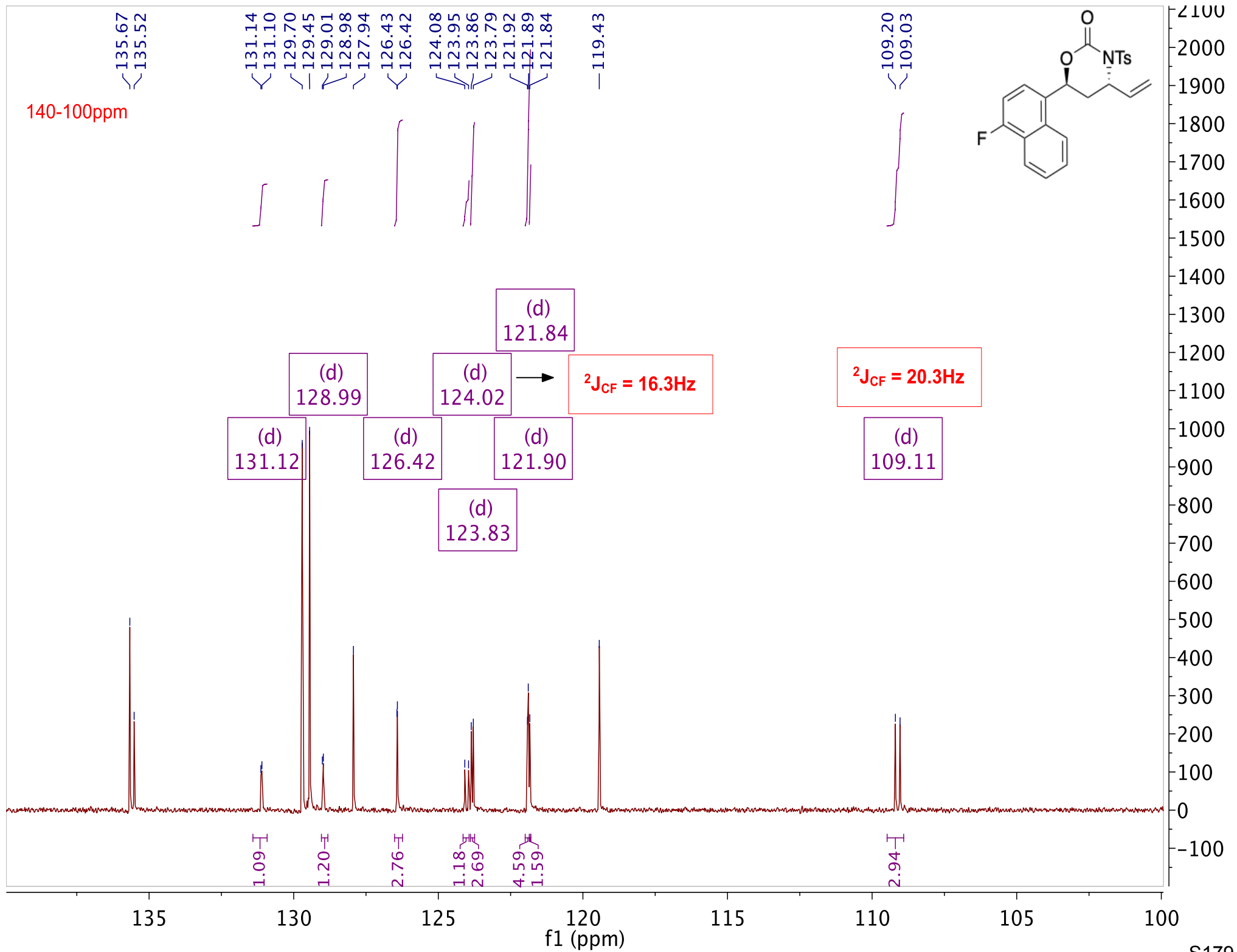
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	94
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



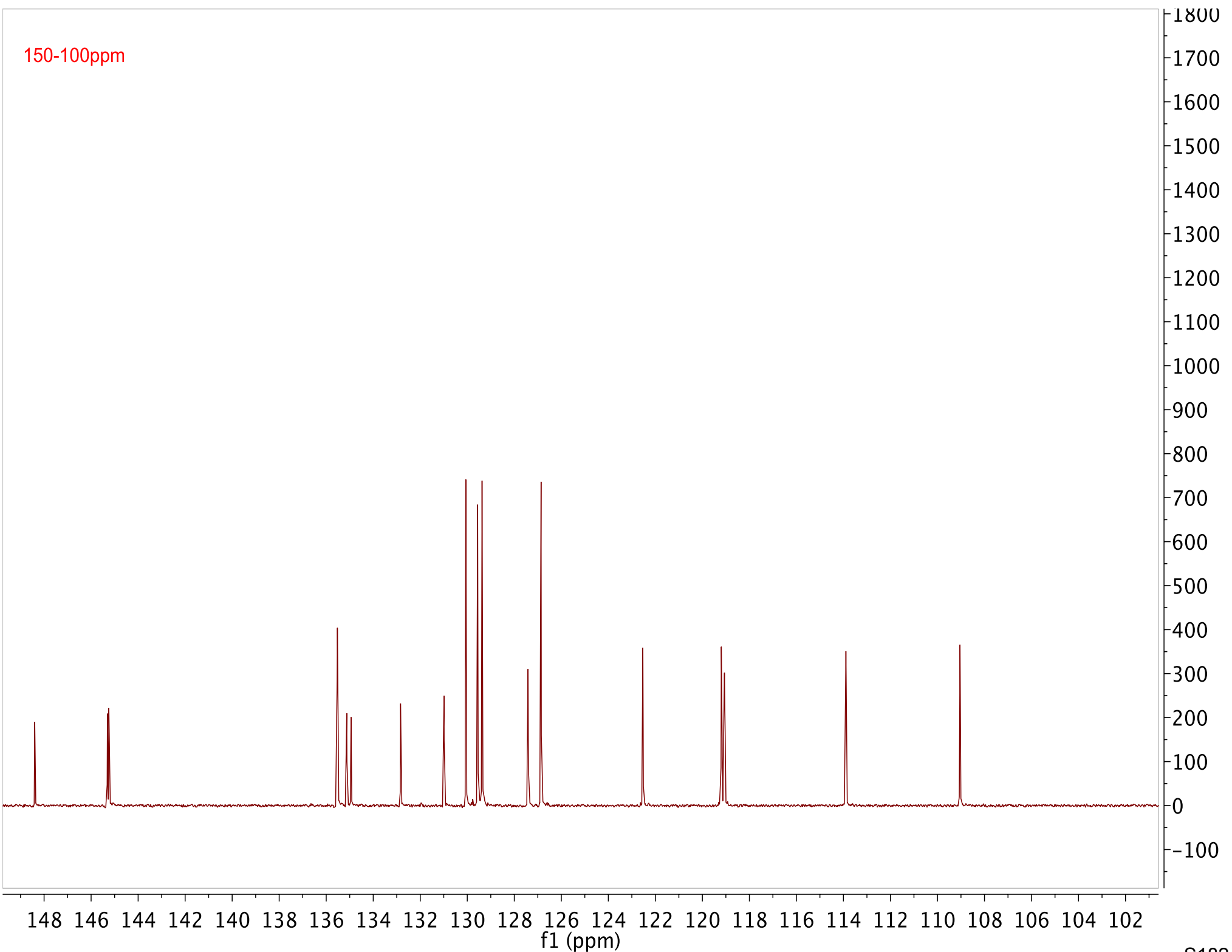


180-140ppm

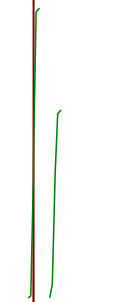
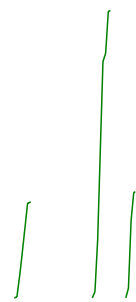
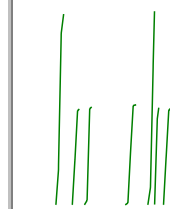
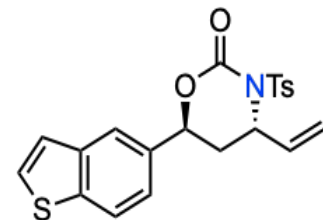




150-100ppm



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	288.9
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	69.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



1.99
1.00
1.02
1.05
2.02
1.02
1.01

1.00
3.00
1.11

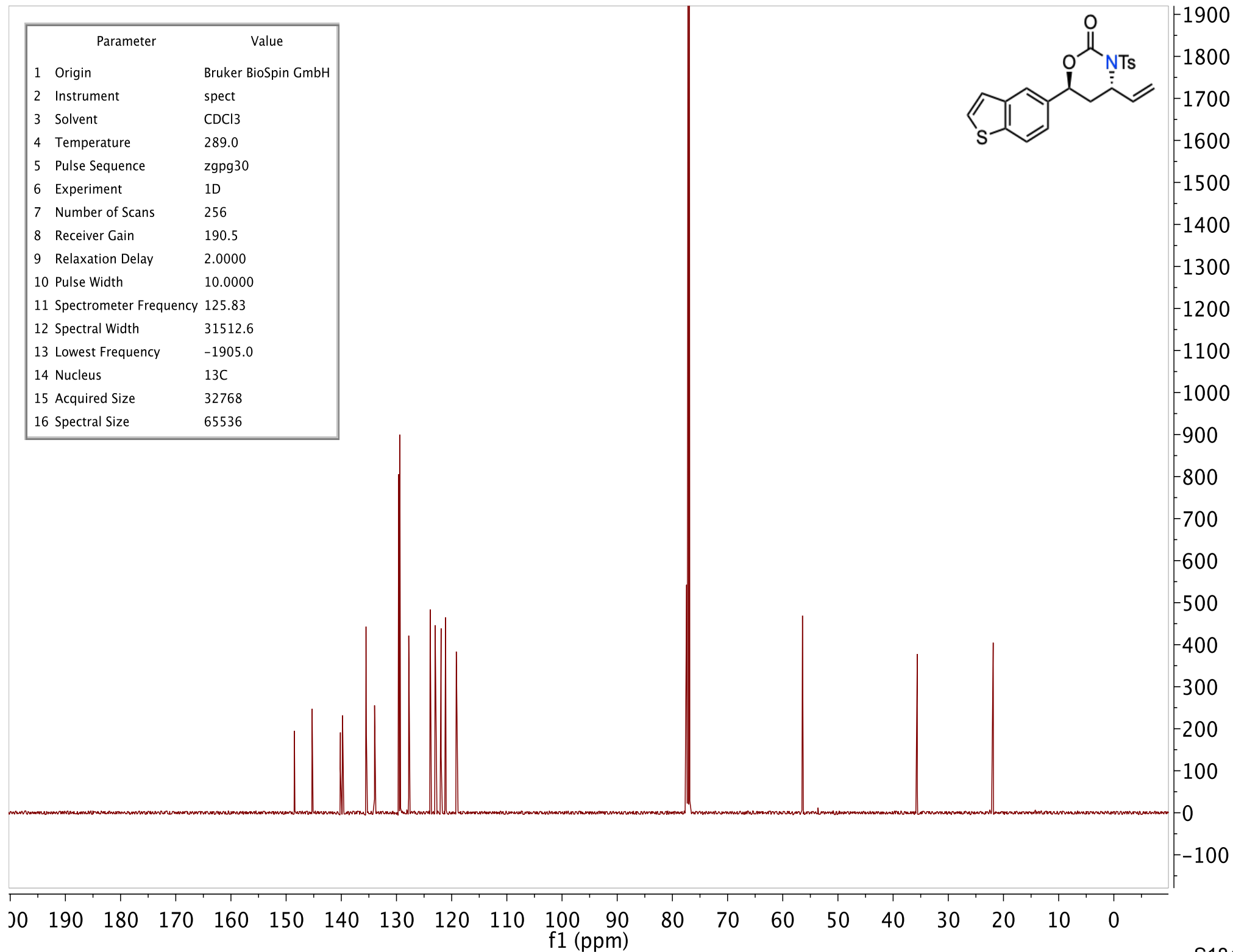
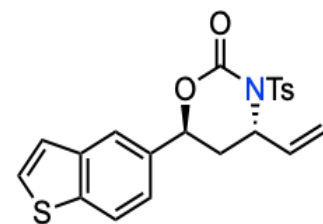
3.02
1.96

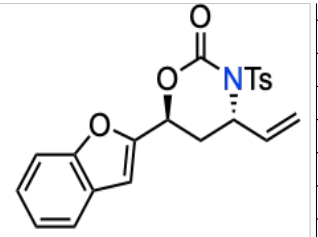
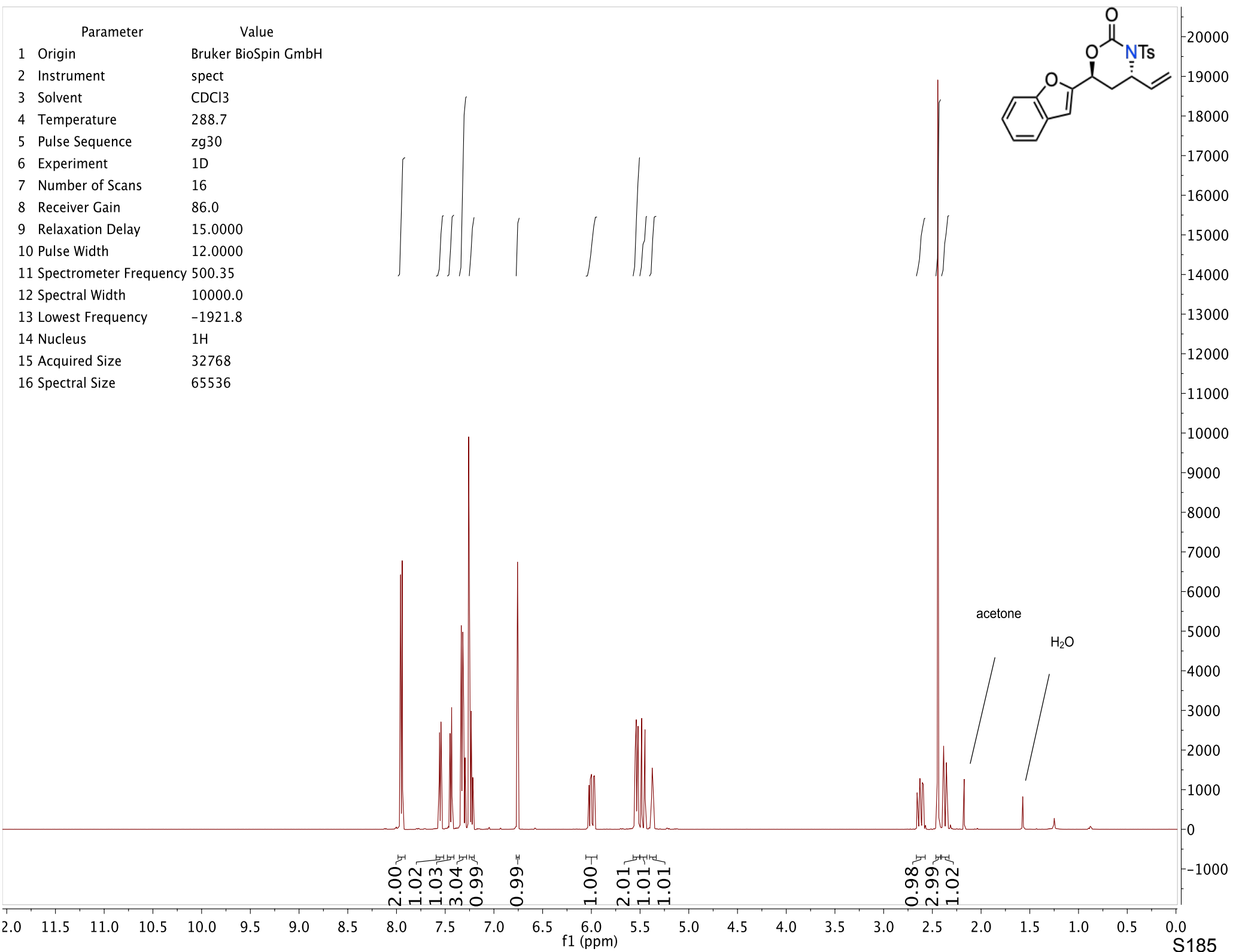
H₂O
grease

11.0 10.0 9.0 8.0 7.0 6.0 5.0 4.0 3.0 2.0 1.0 0.0 -1.0

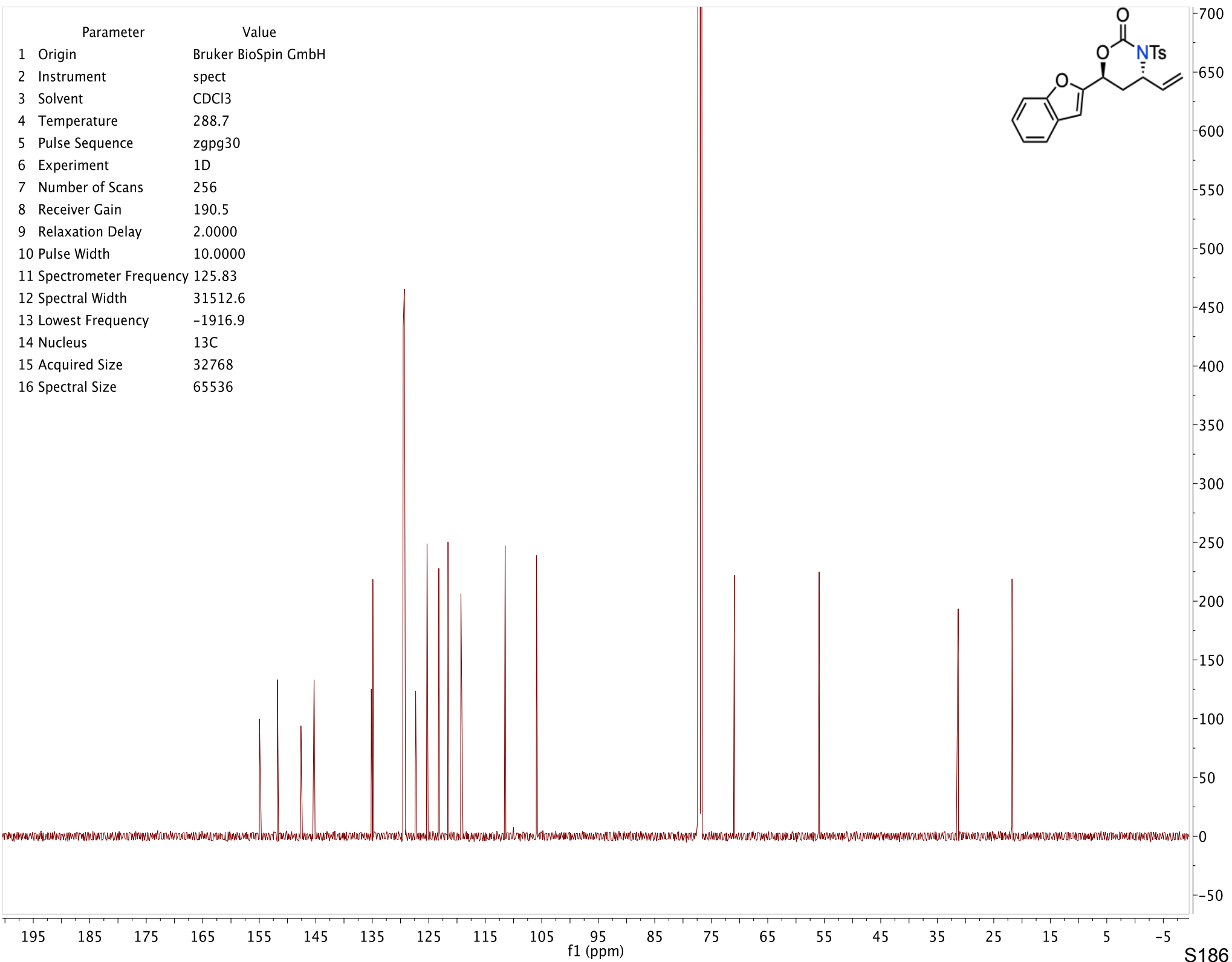
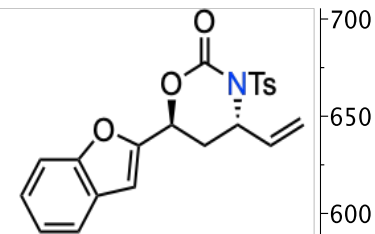
f1 (ppm)

Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1905.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

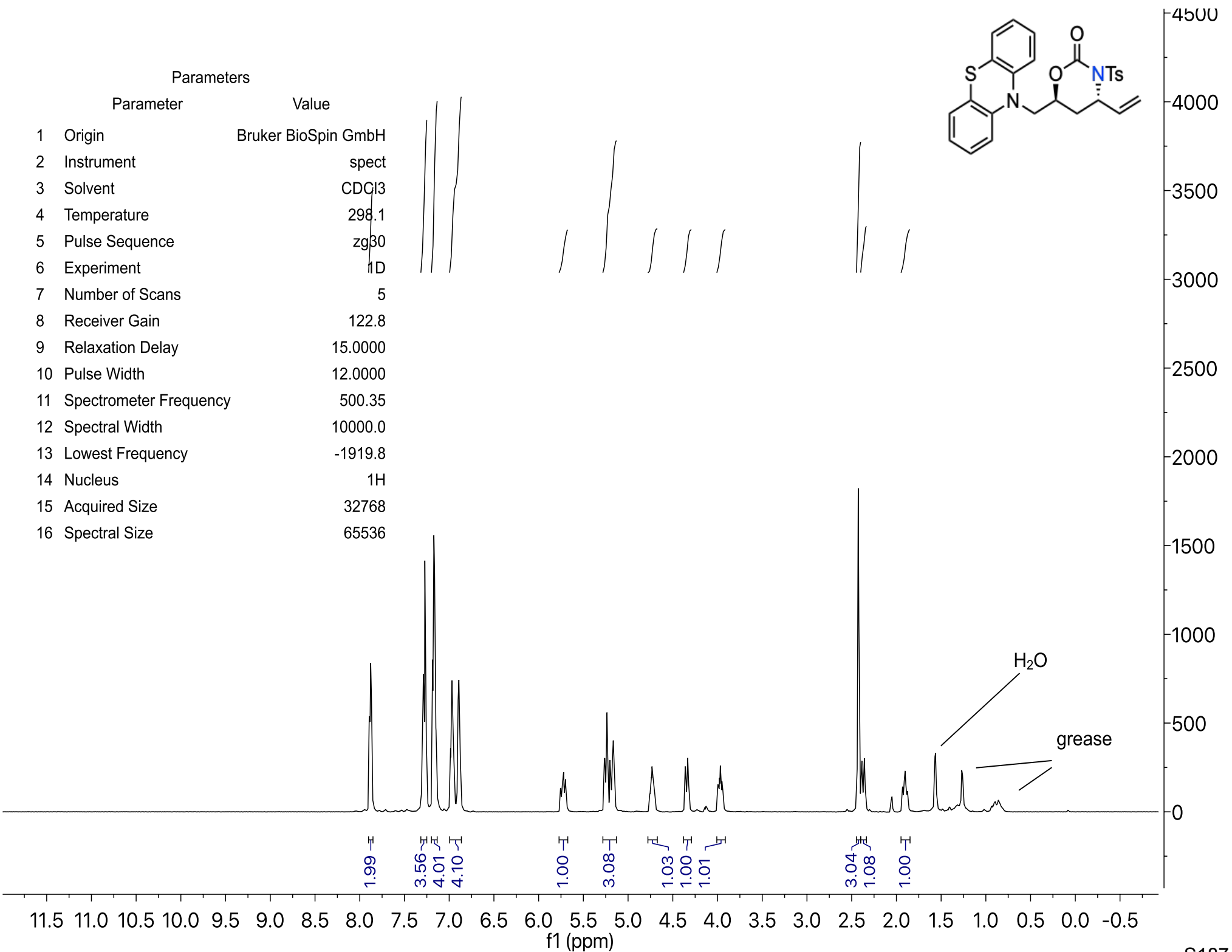
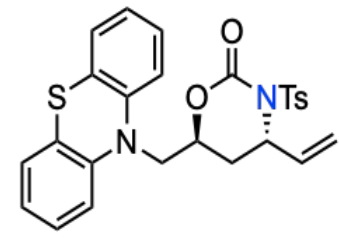




Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	288.7
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

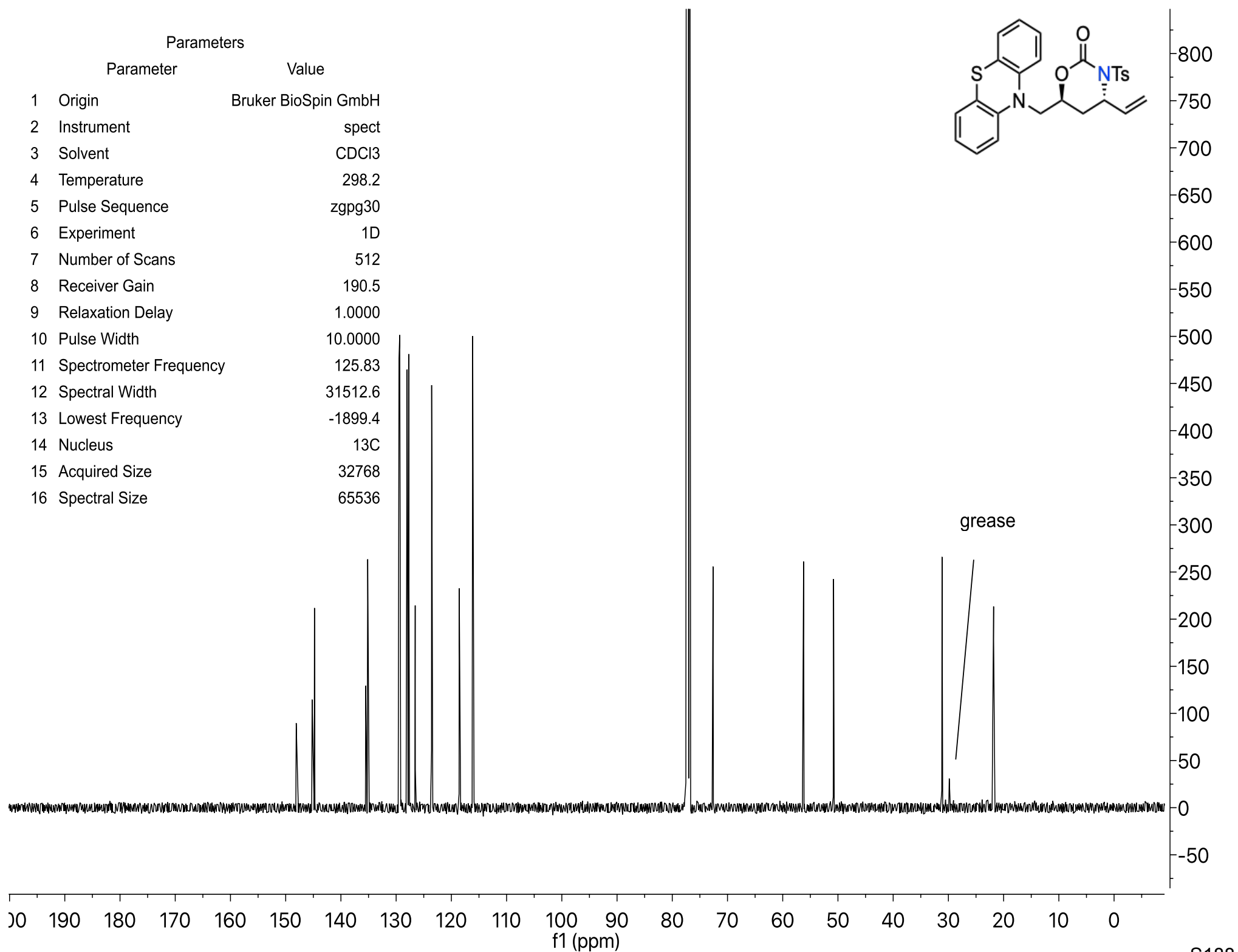
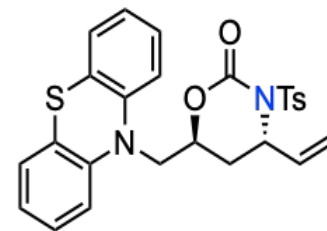


Parameters		
Parameter		Value
1	Origin	Bruker BioSpin GmbH
2	Instrument	spect
3	Solvent	CDCl3
4	Temperature	298.1
5	Pulse Sequence	zg30
6	Experiment	1D
7	Number of Scans	5
8	Receiver Gain	122.8
9	Relaxation Delay	15.0000
10	Pulse Width	12.0000
11	Spectrometer Frequency	500.35
12	Spectral Width	10000.0
13	Lowest Frequency	-1919.8
14	Nucleus	¹ H
15	Acquired Size	32768
16	Spectral Size	65536

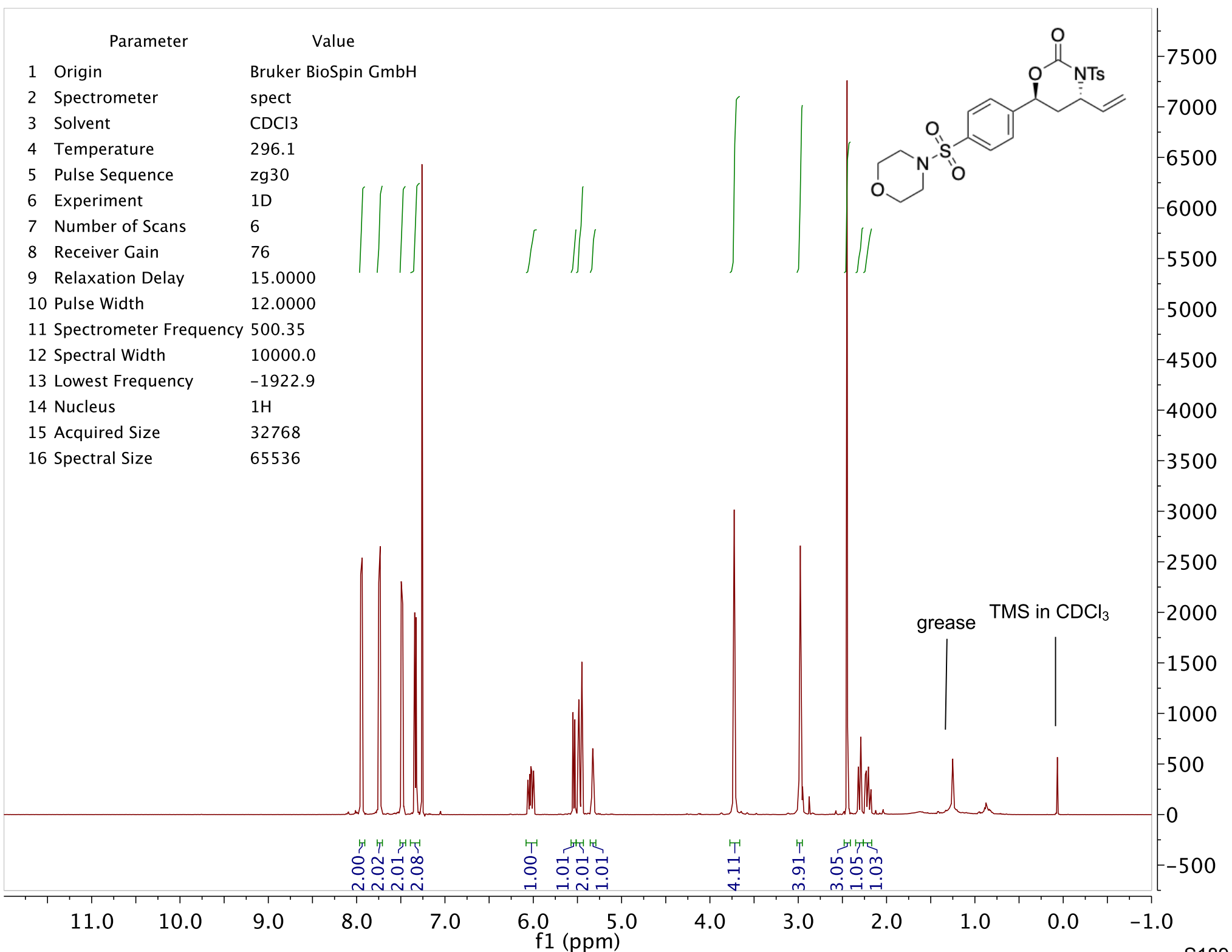
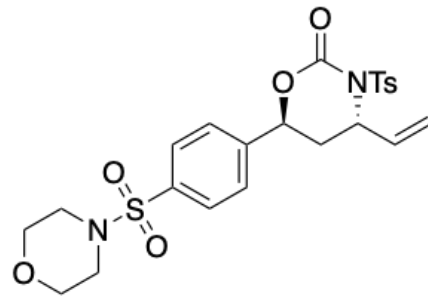


Parameters

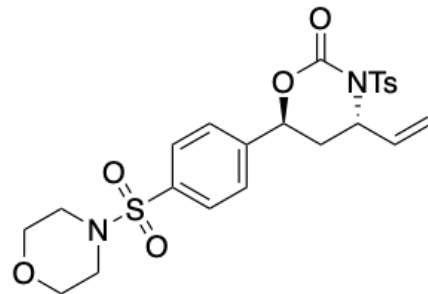
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.4
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	76
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



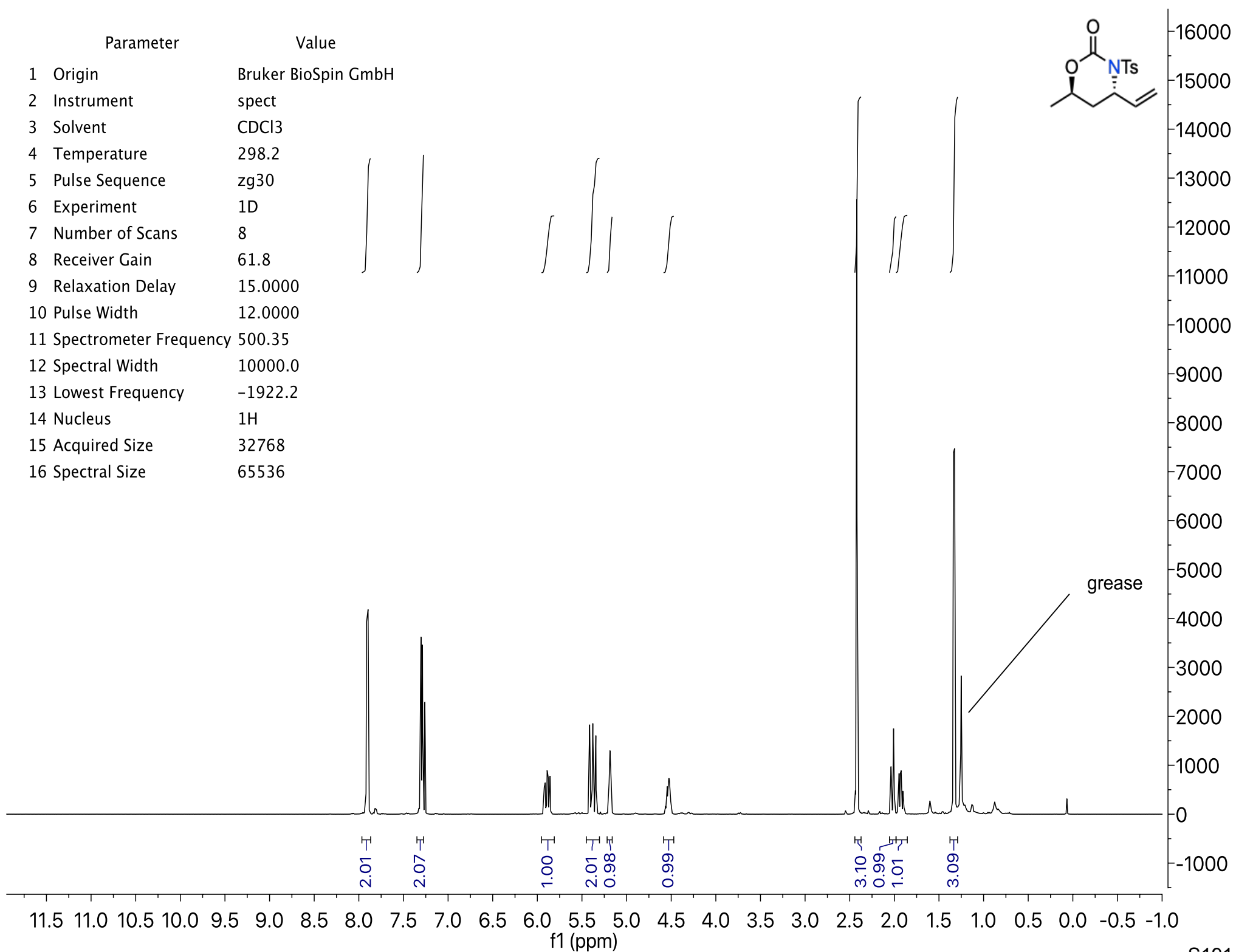
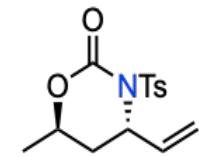
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



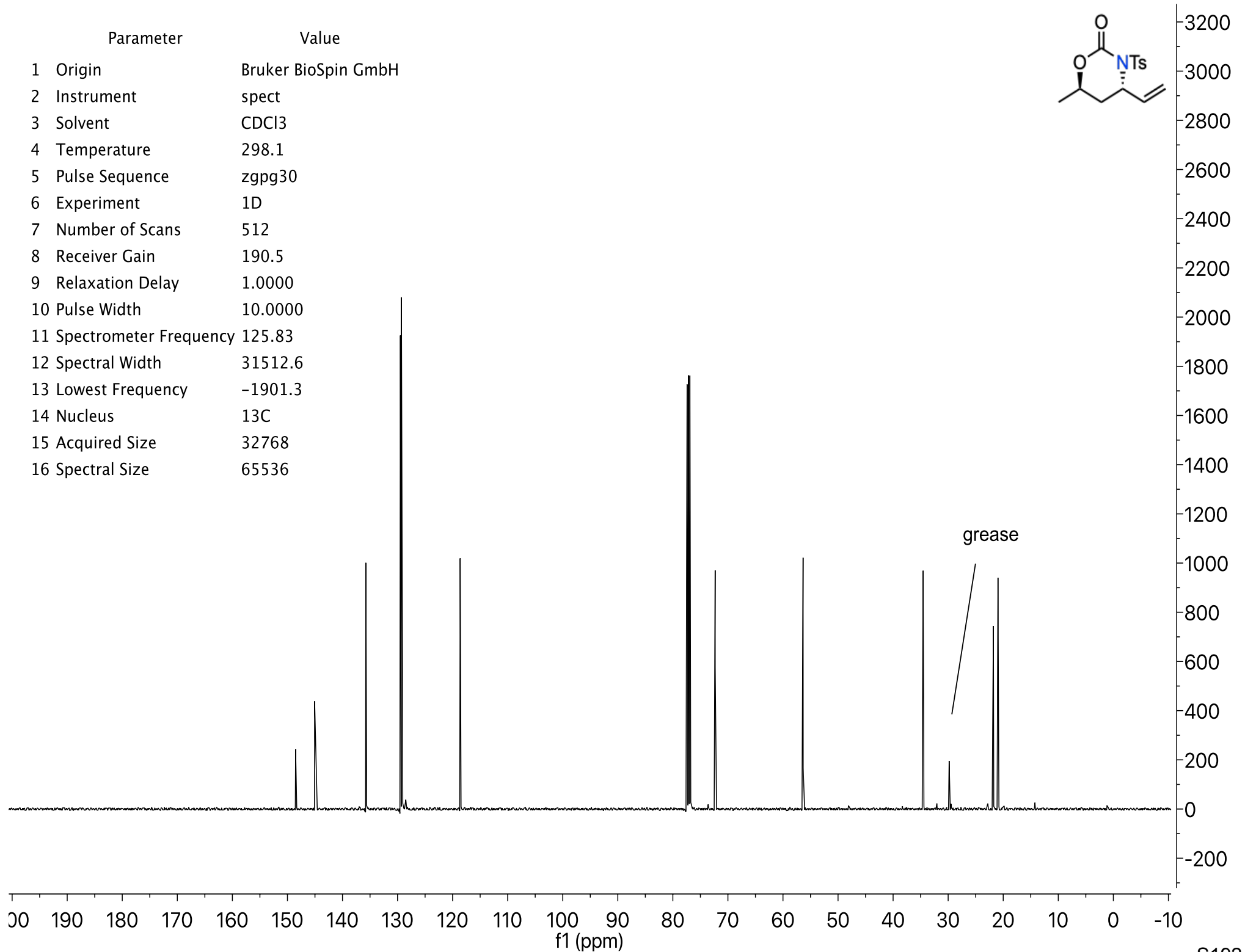
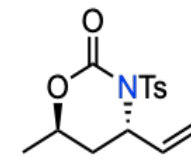
190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10

f1 (ppm)

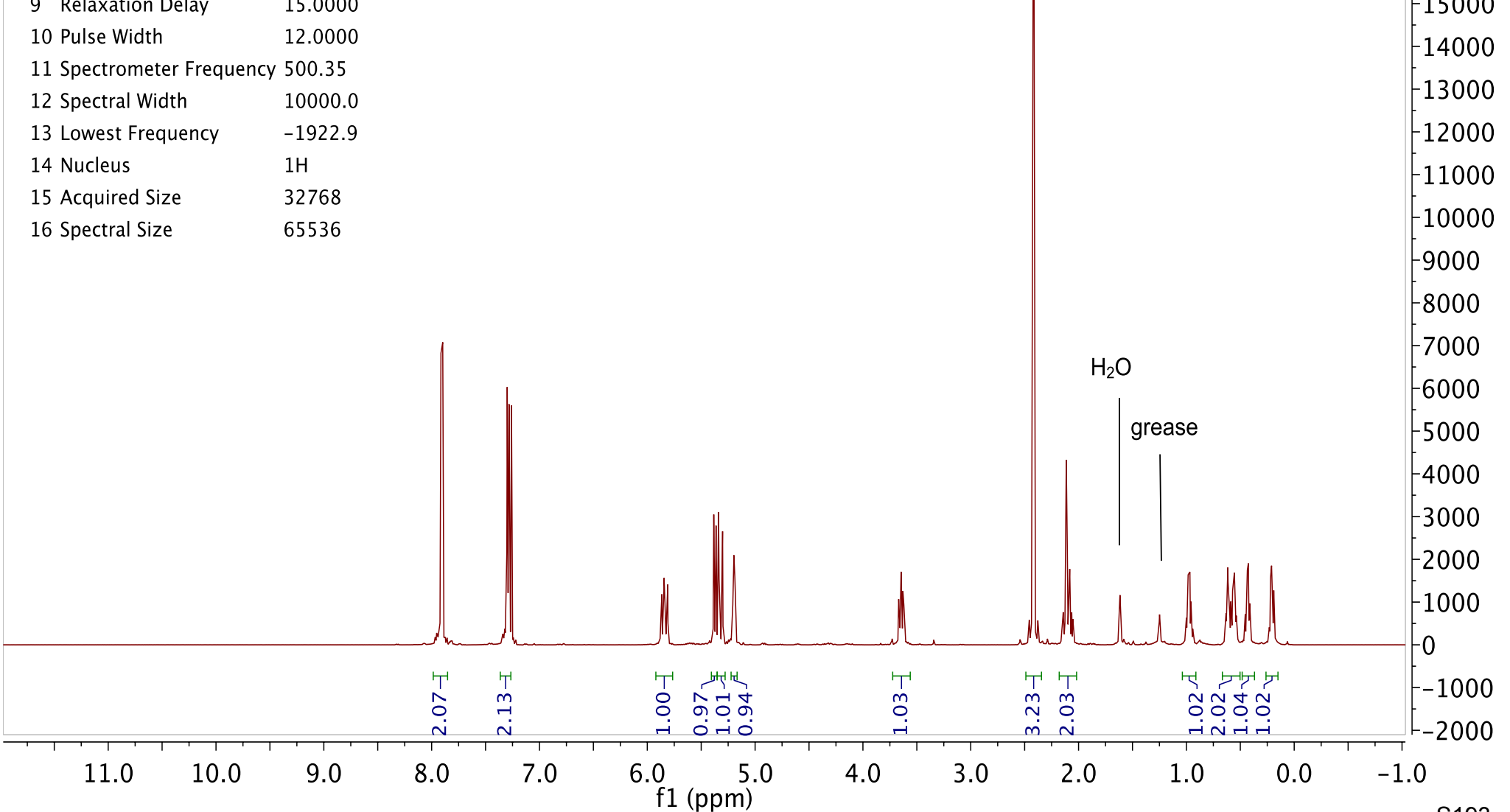
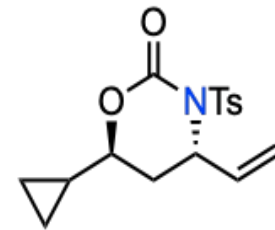
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	61.8
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.2
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



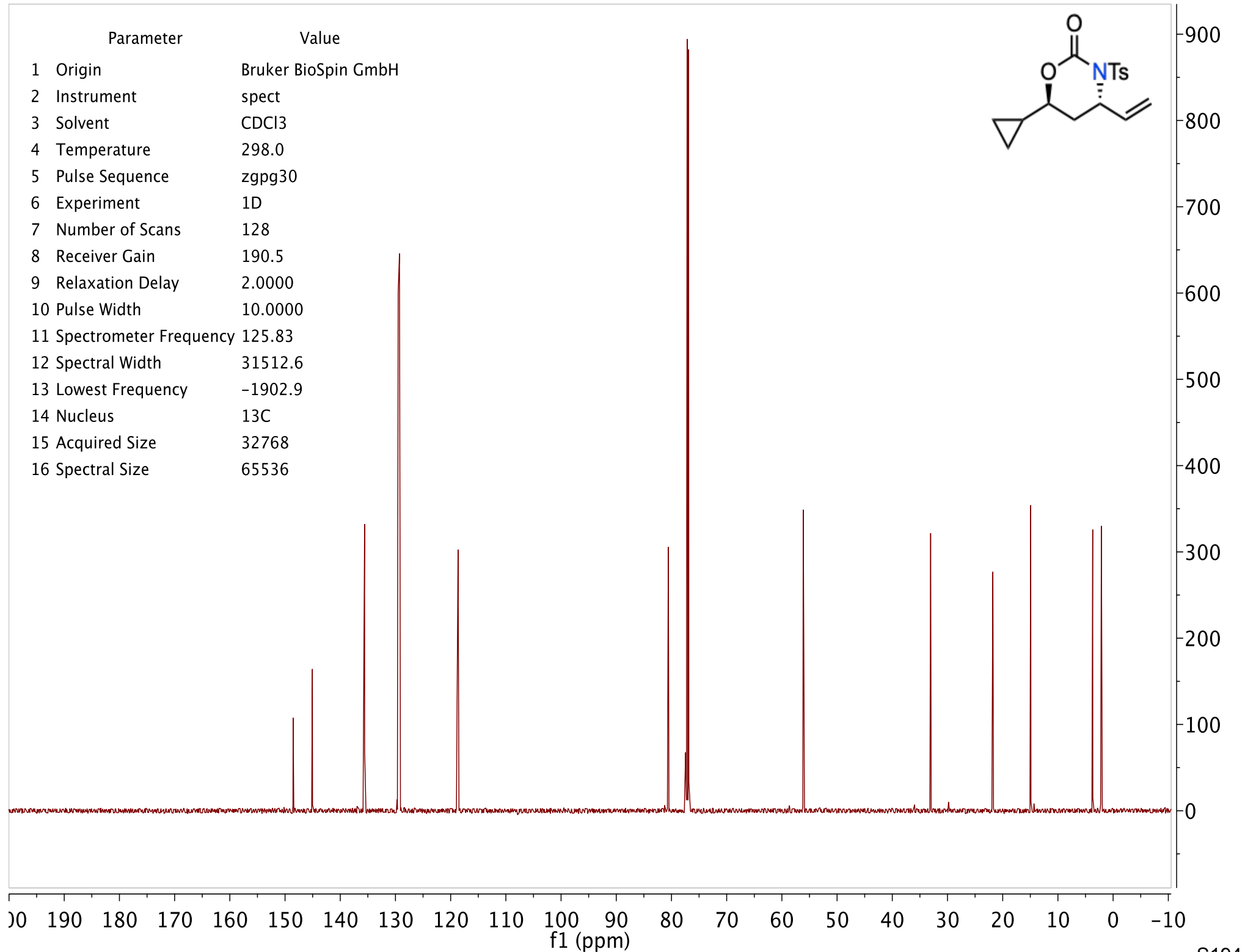
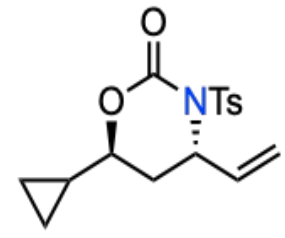
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.3
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



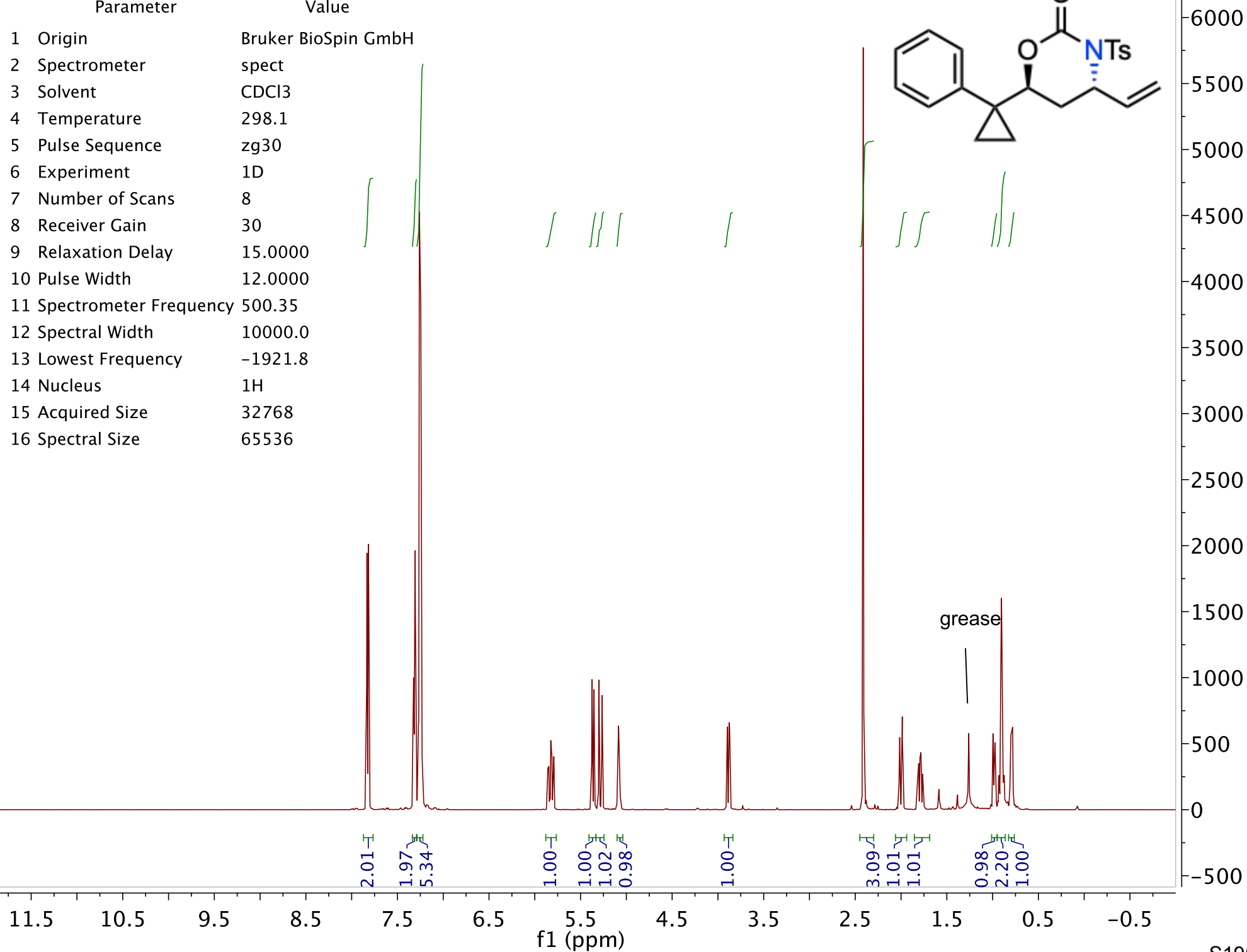
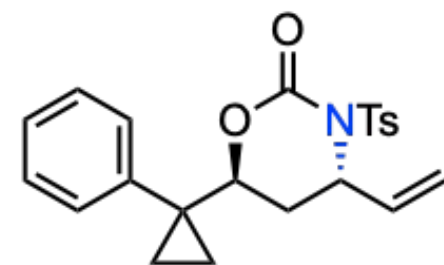
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	55.0
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



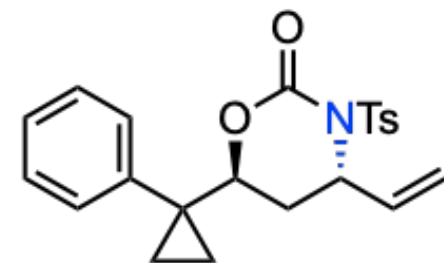
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	128
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

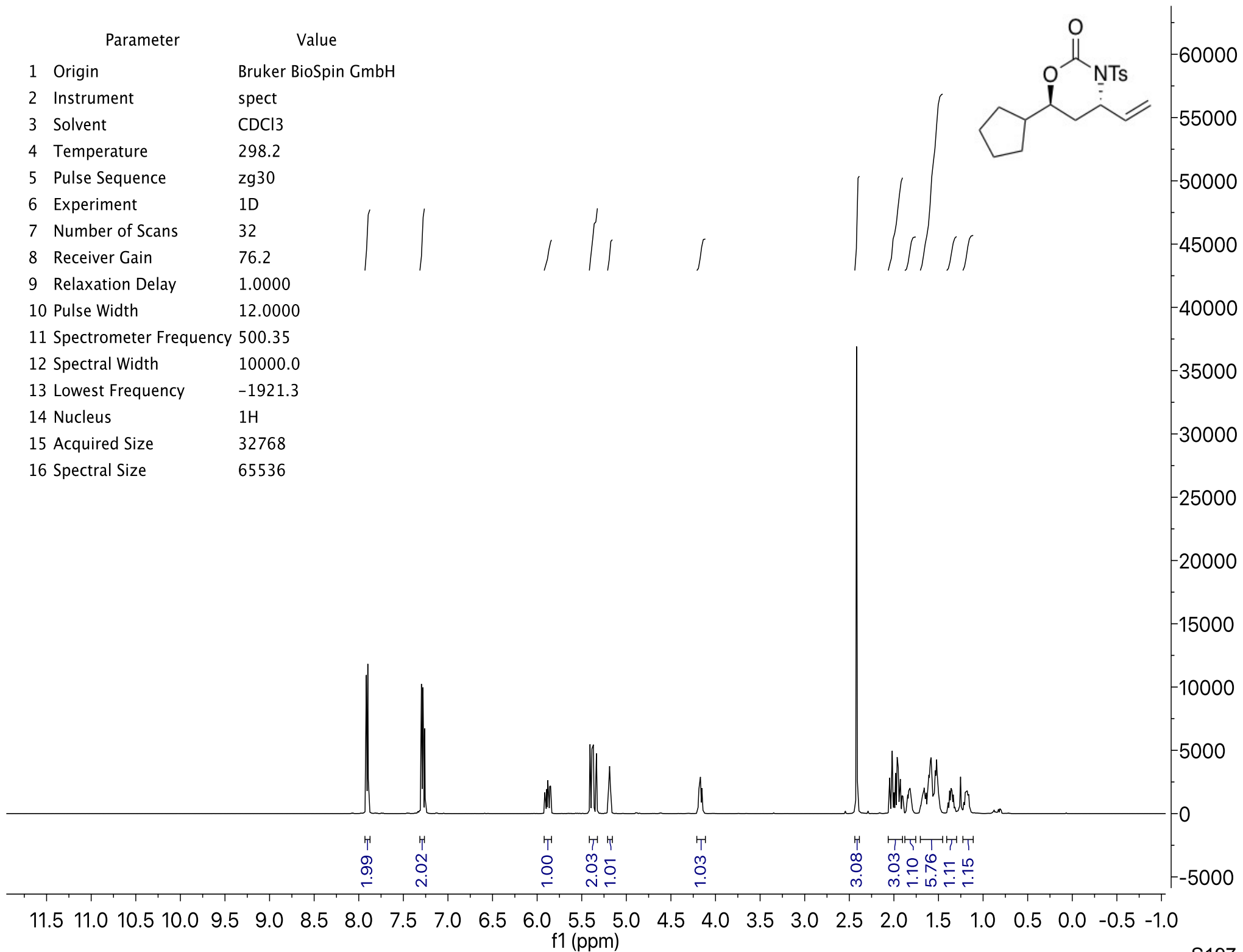
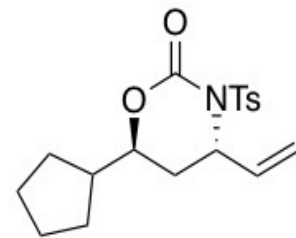


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

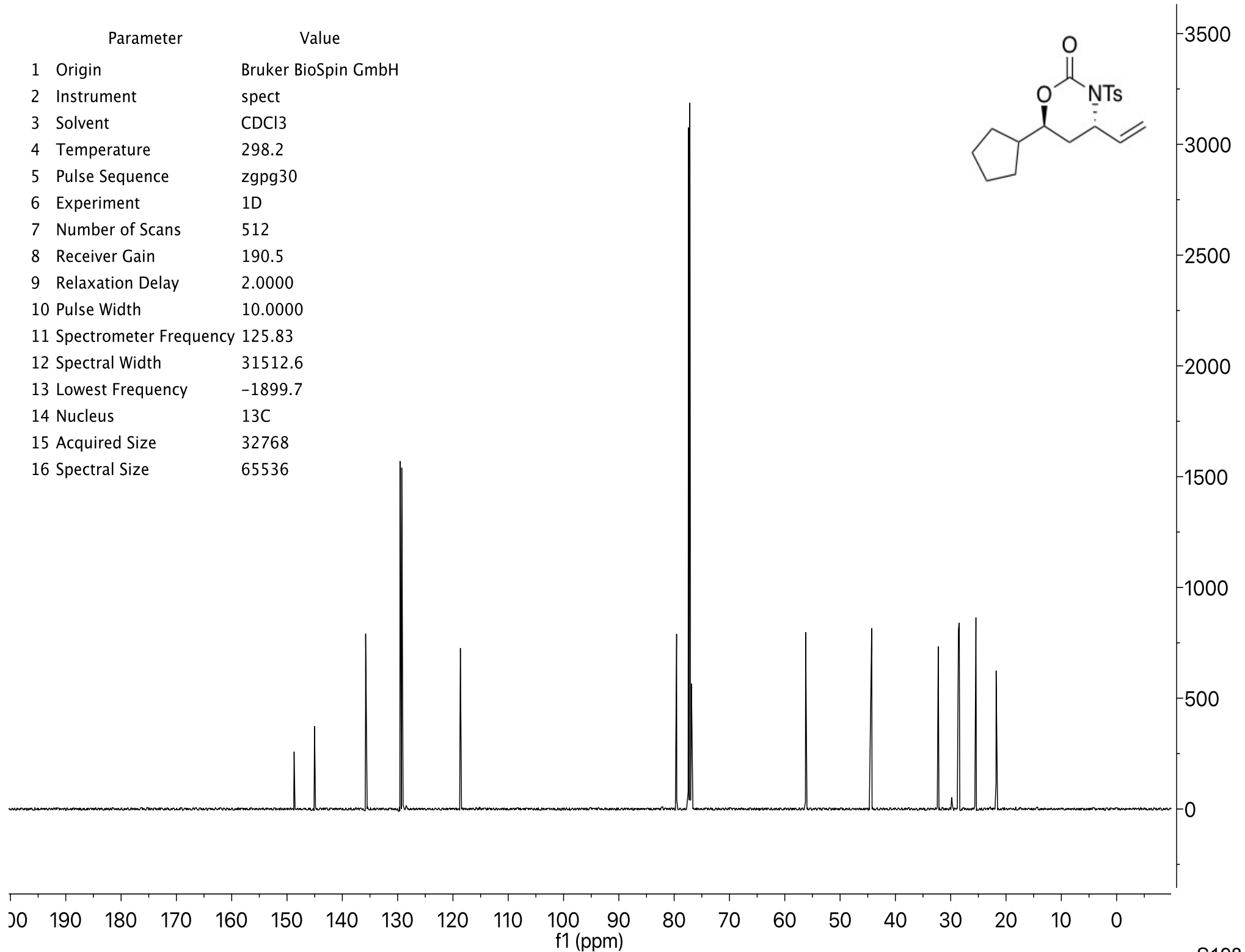
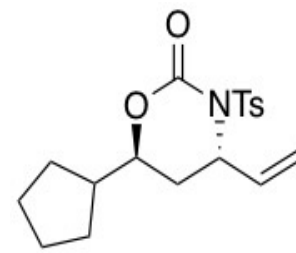


190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10
f1 (ppm)

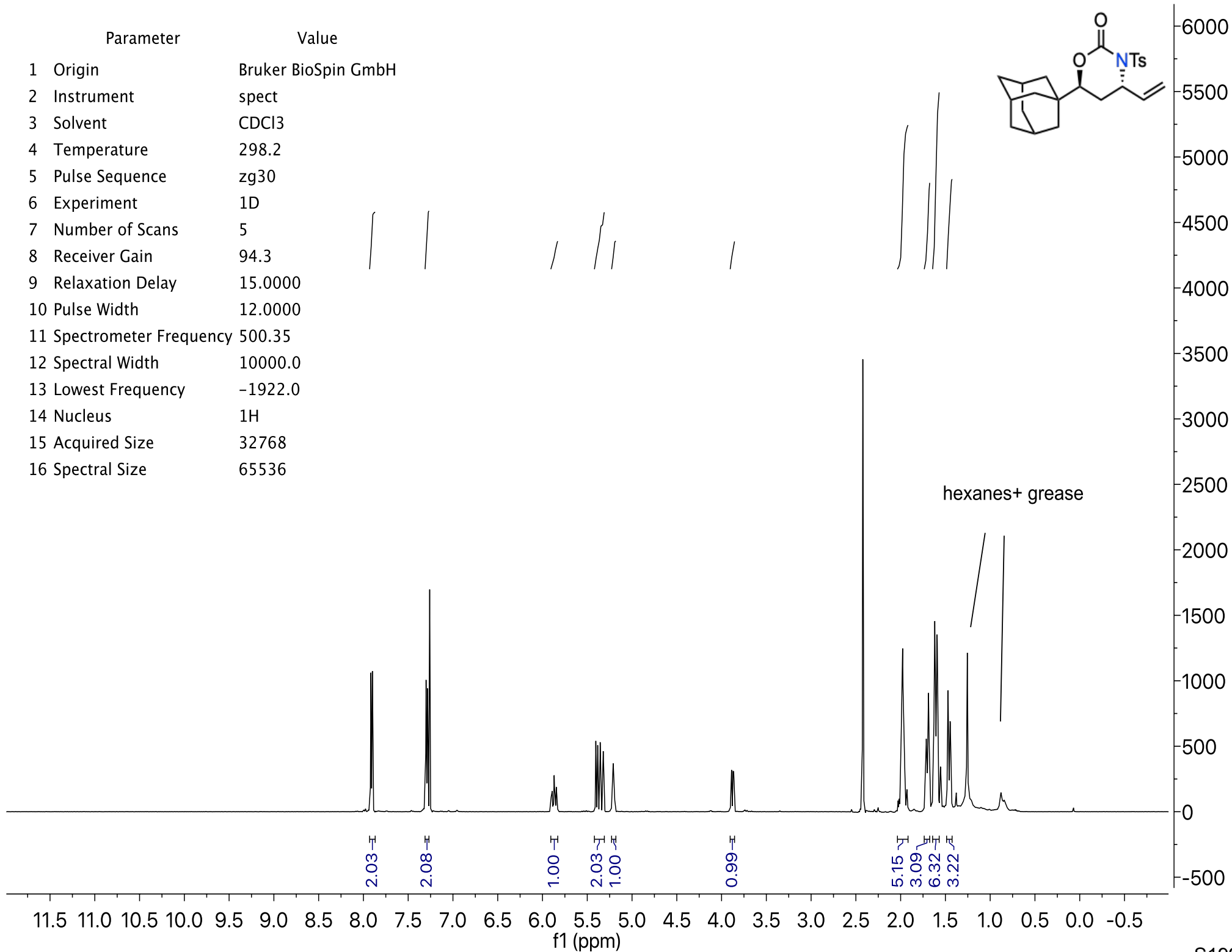
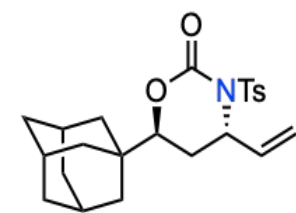
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	32
8 Receiver Gain	76.2
9 Relaxation Delay	1.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



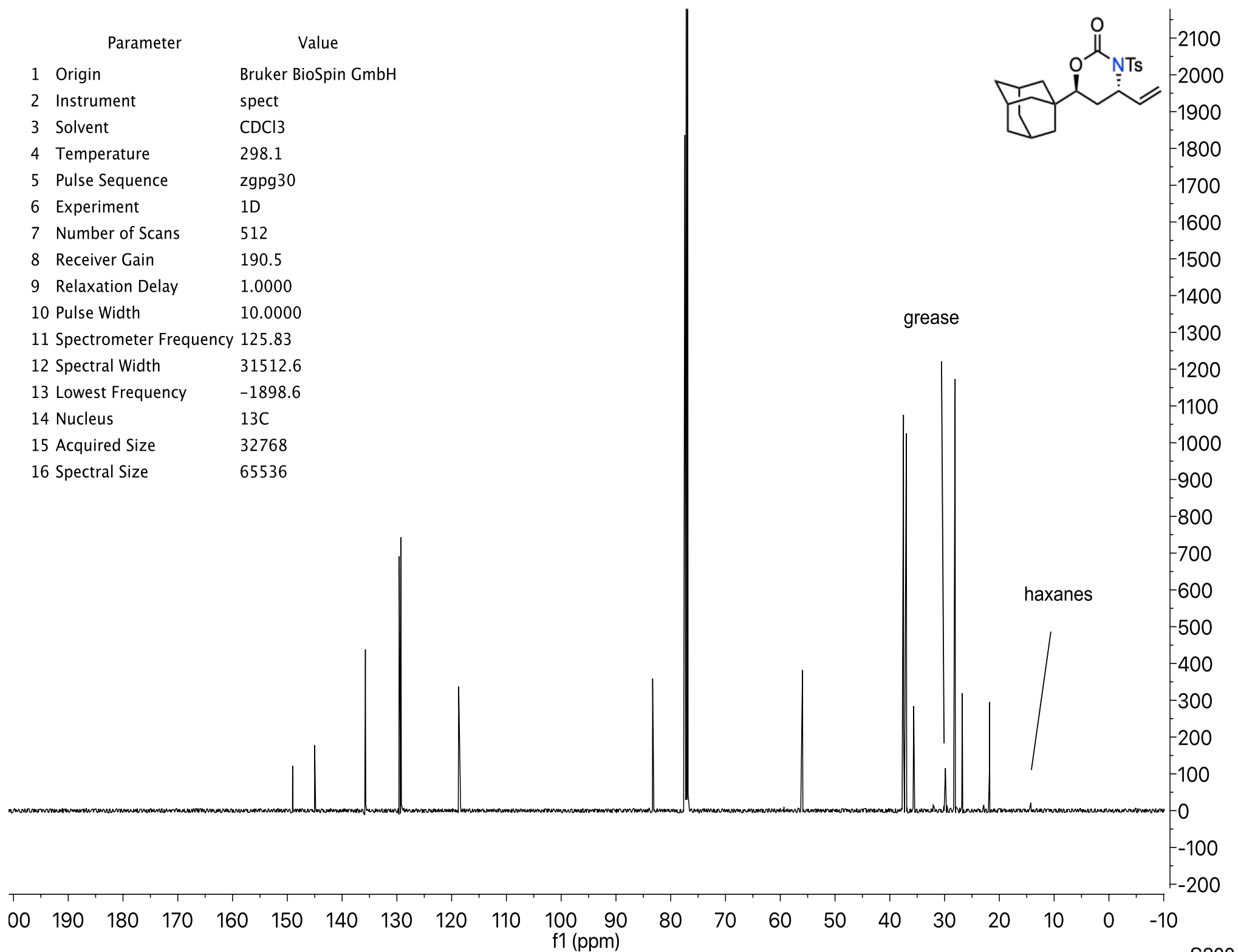
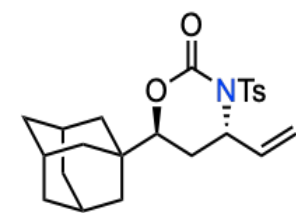
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.7
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



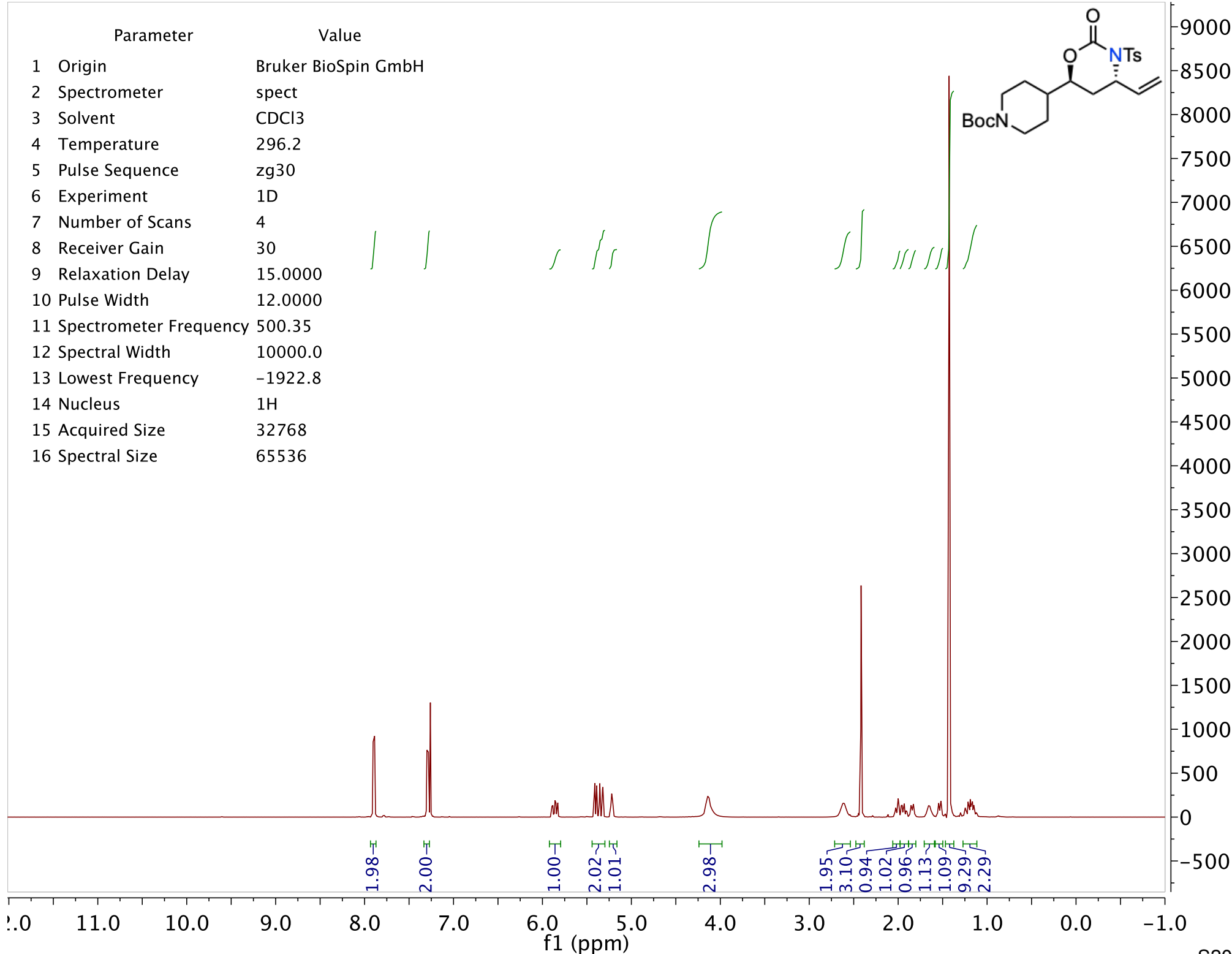
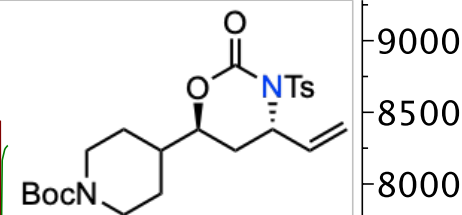
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	94.3
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.0
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



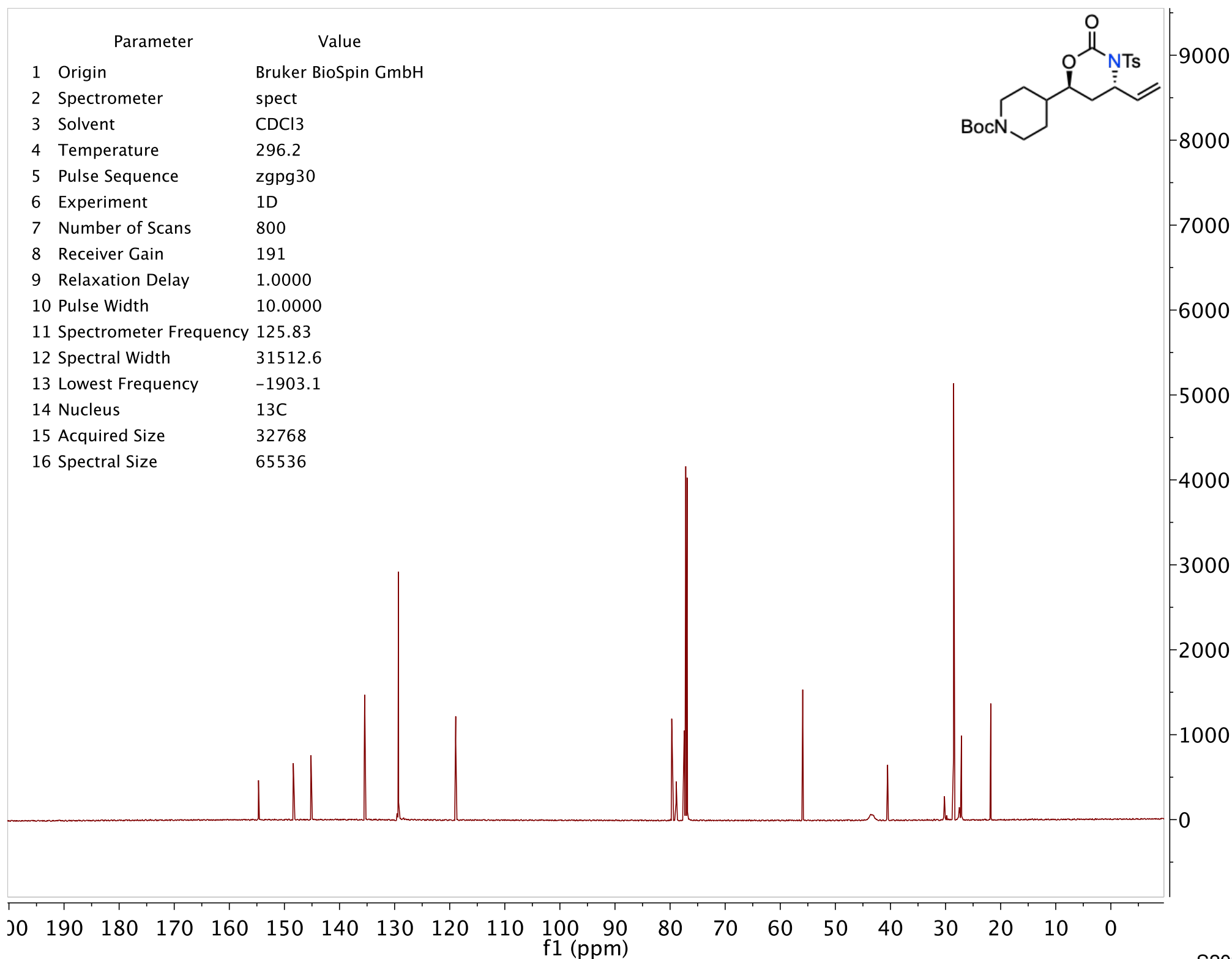
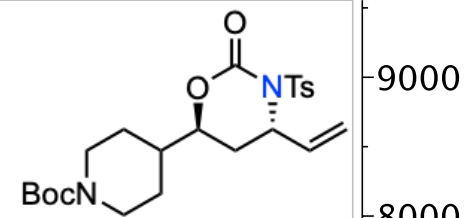
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



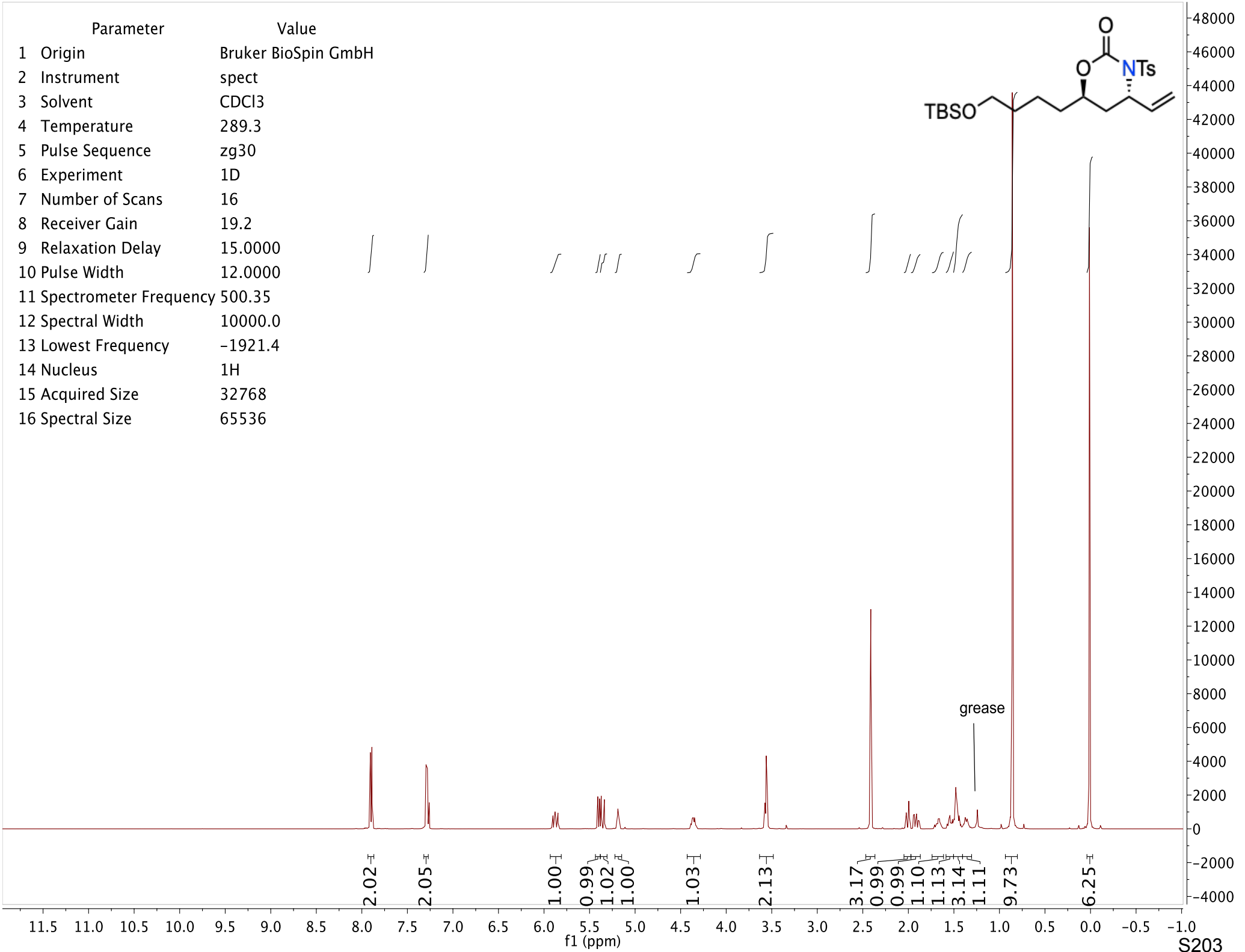
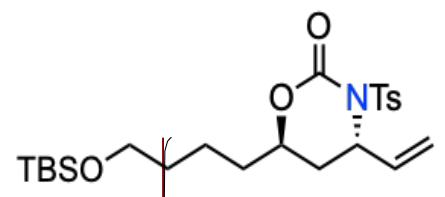
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



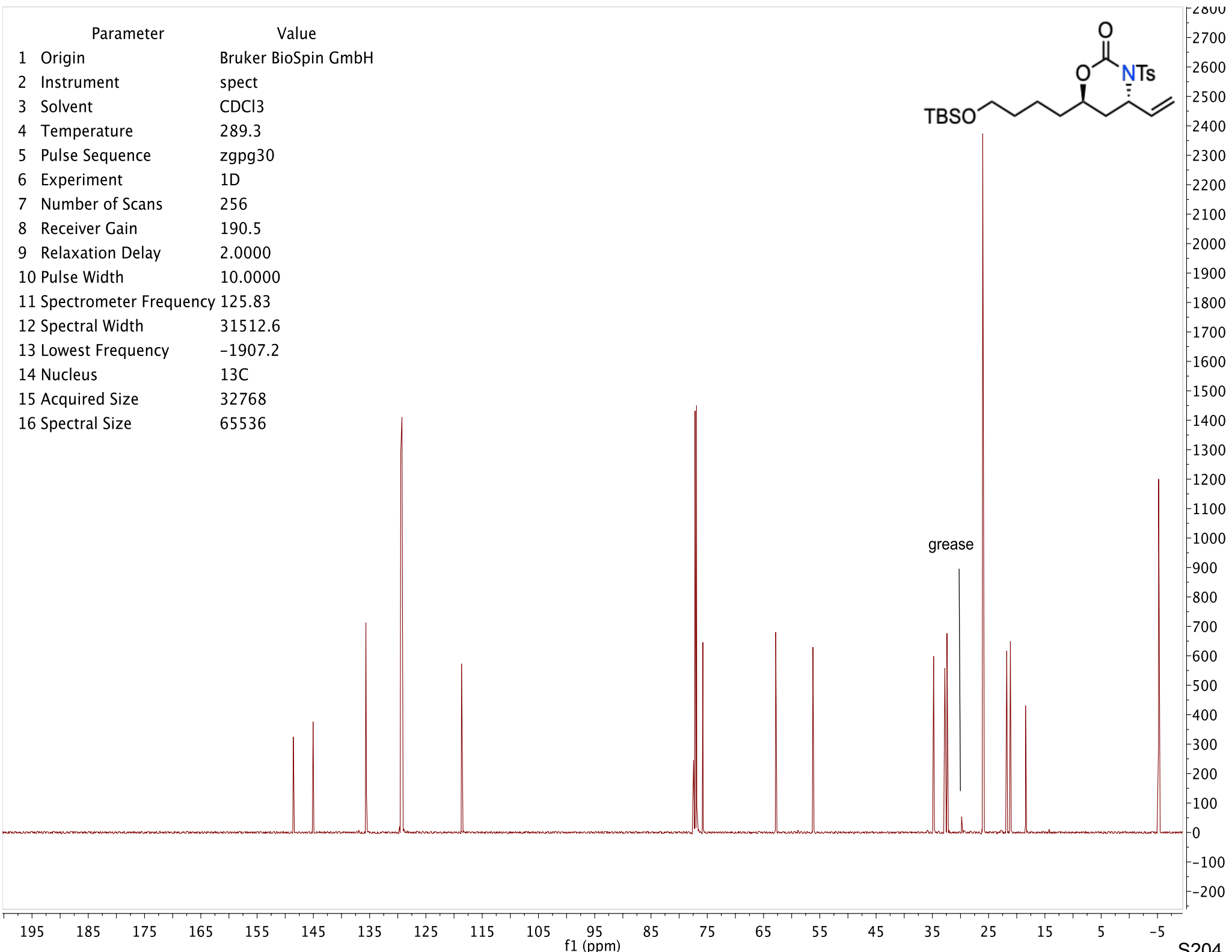
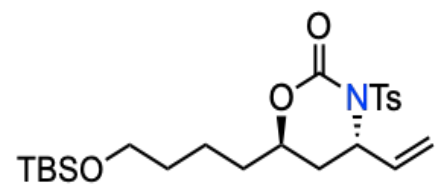
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



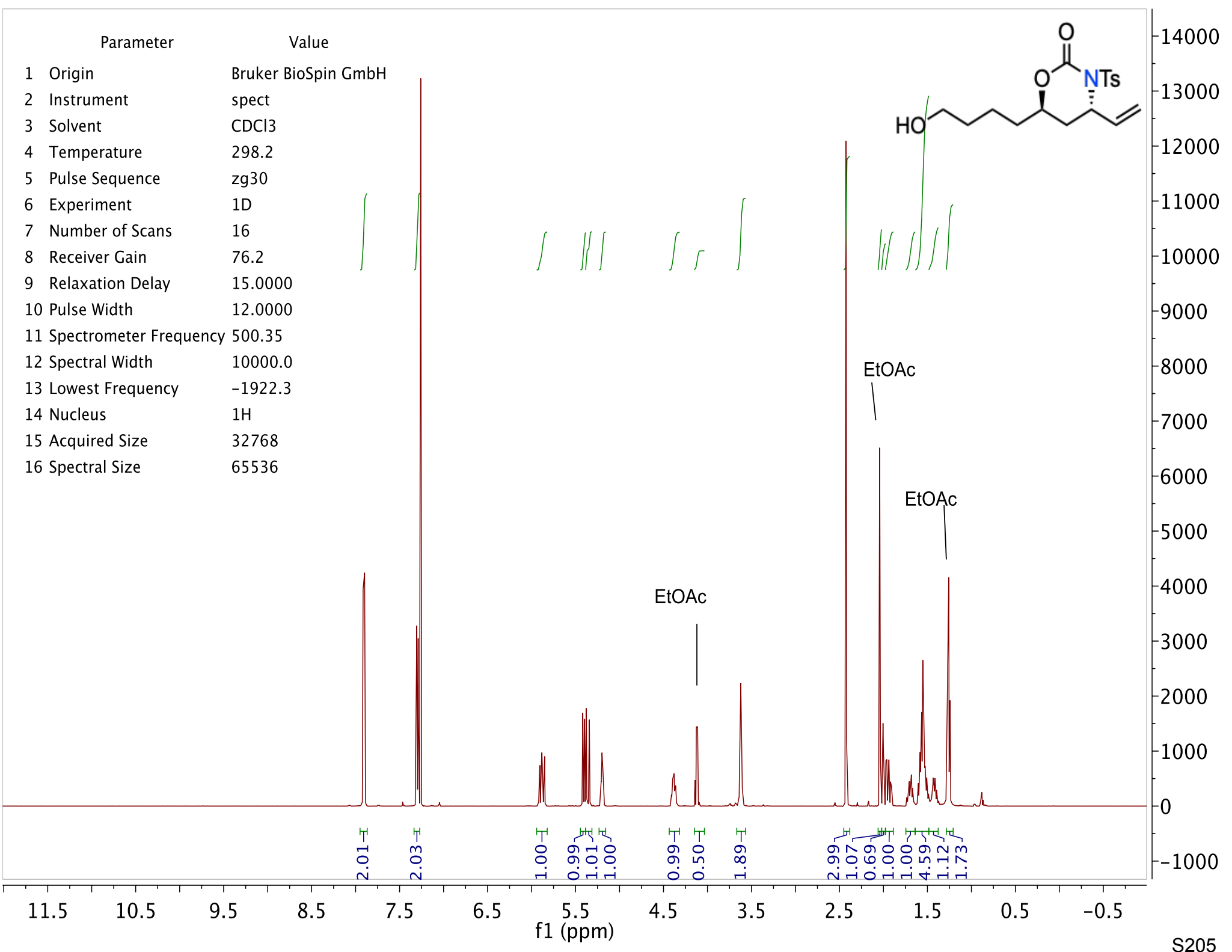
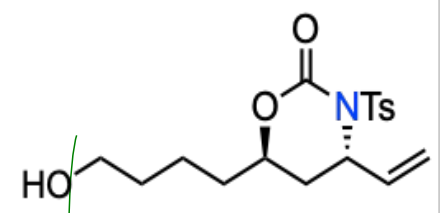
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.3
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	19.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.4
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



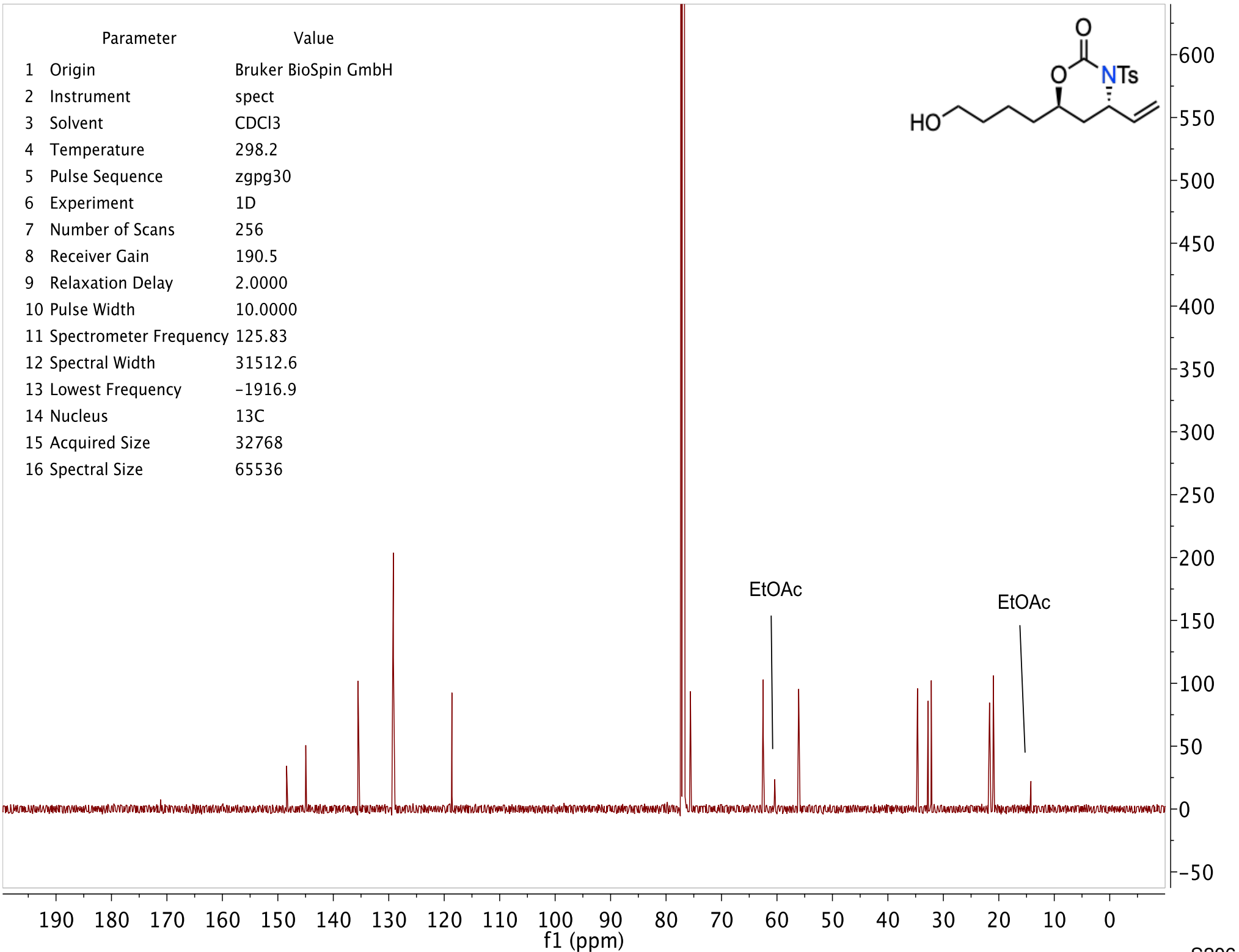
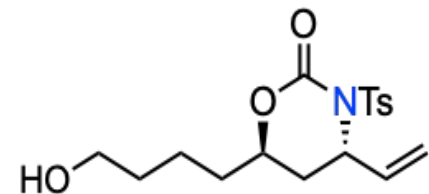
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.3
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1907.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



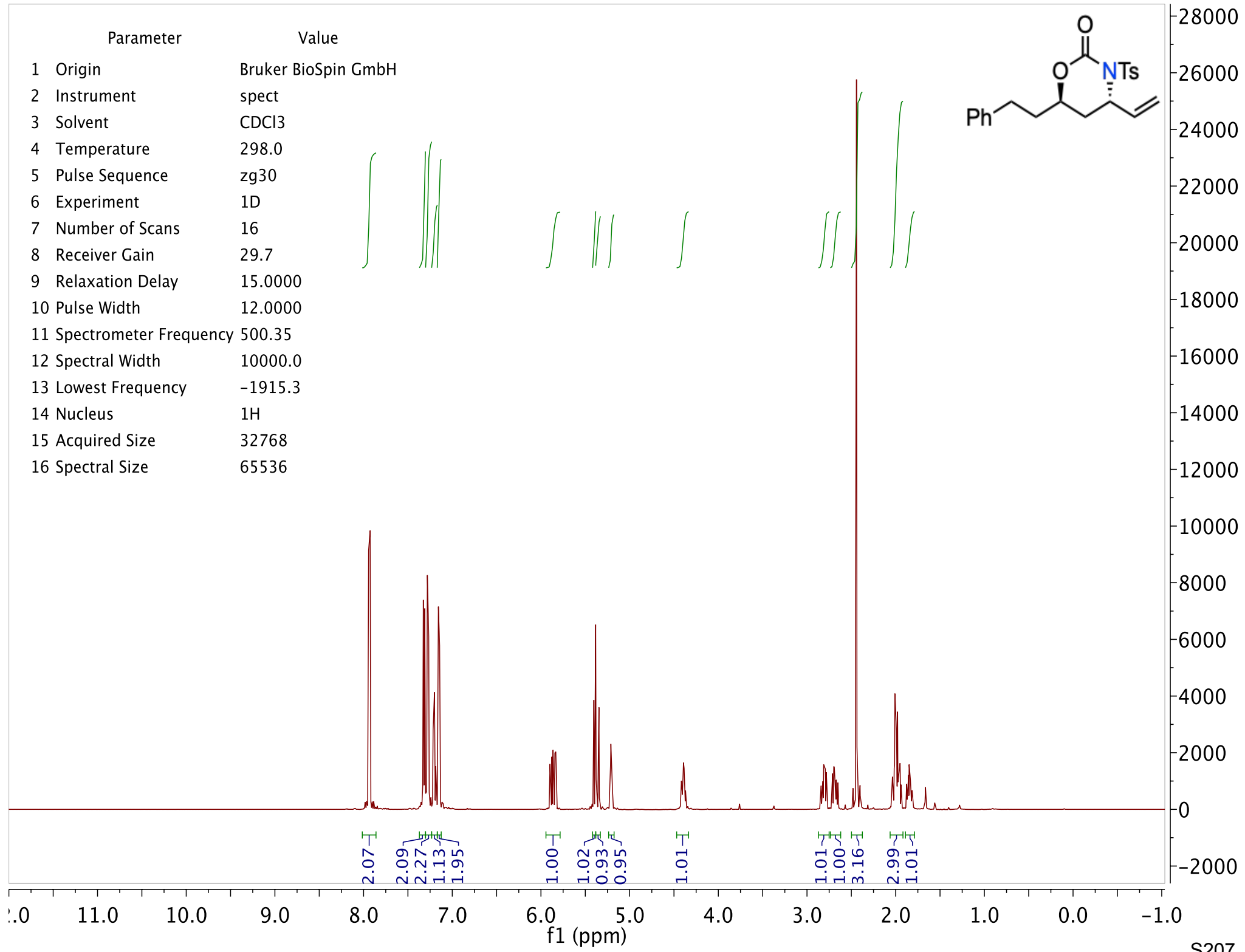
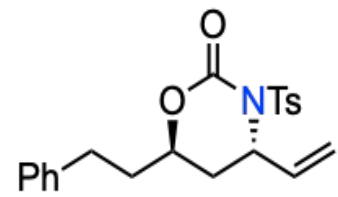
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	76.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

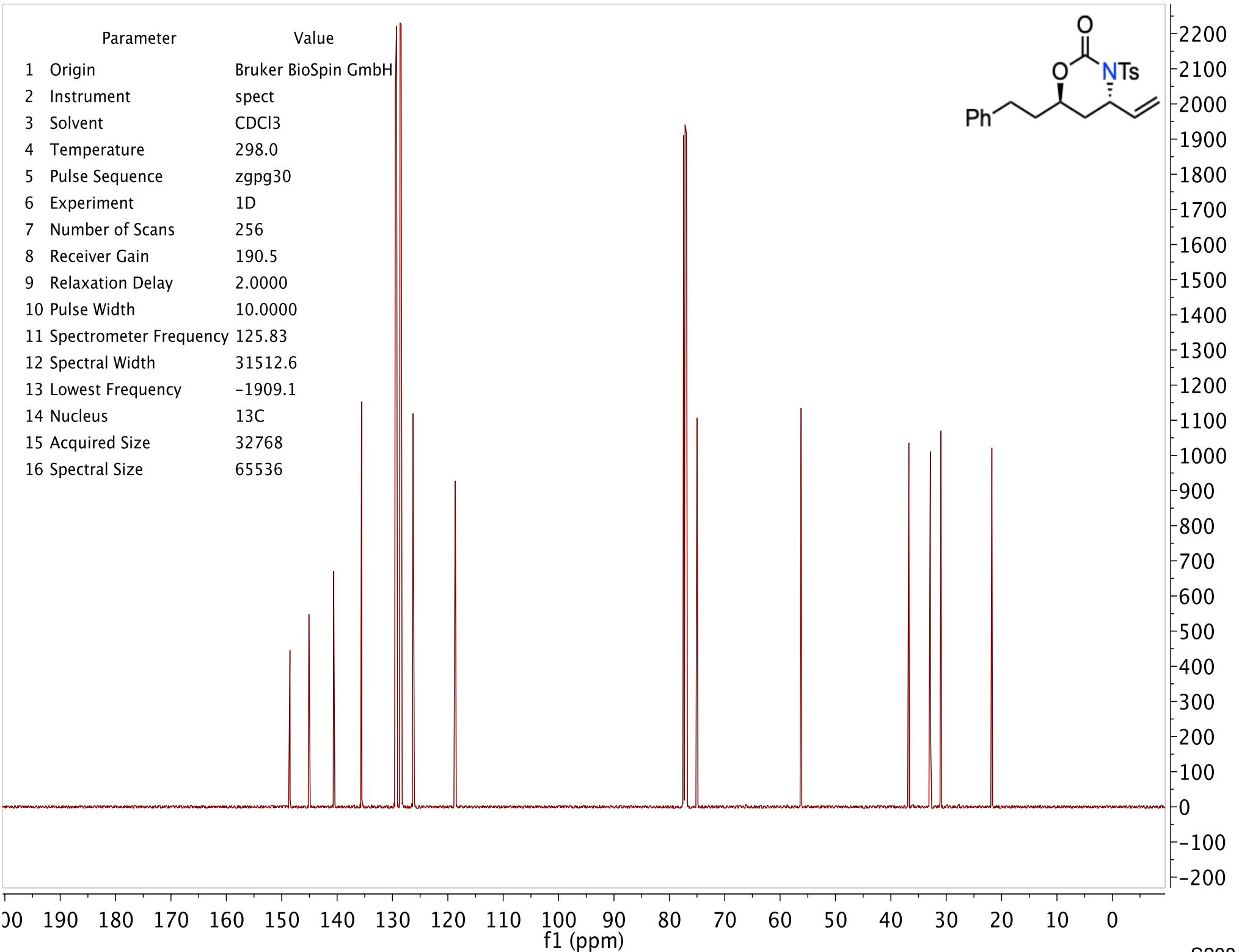


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

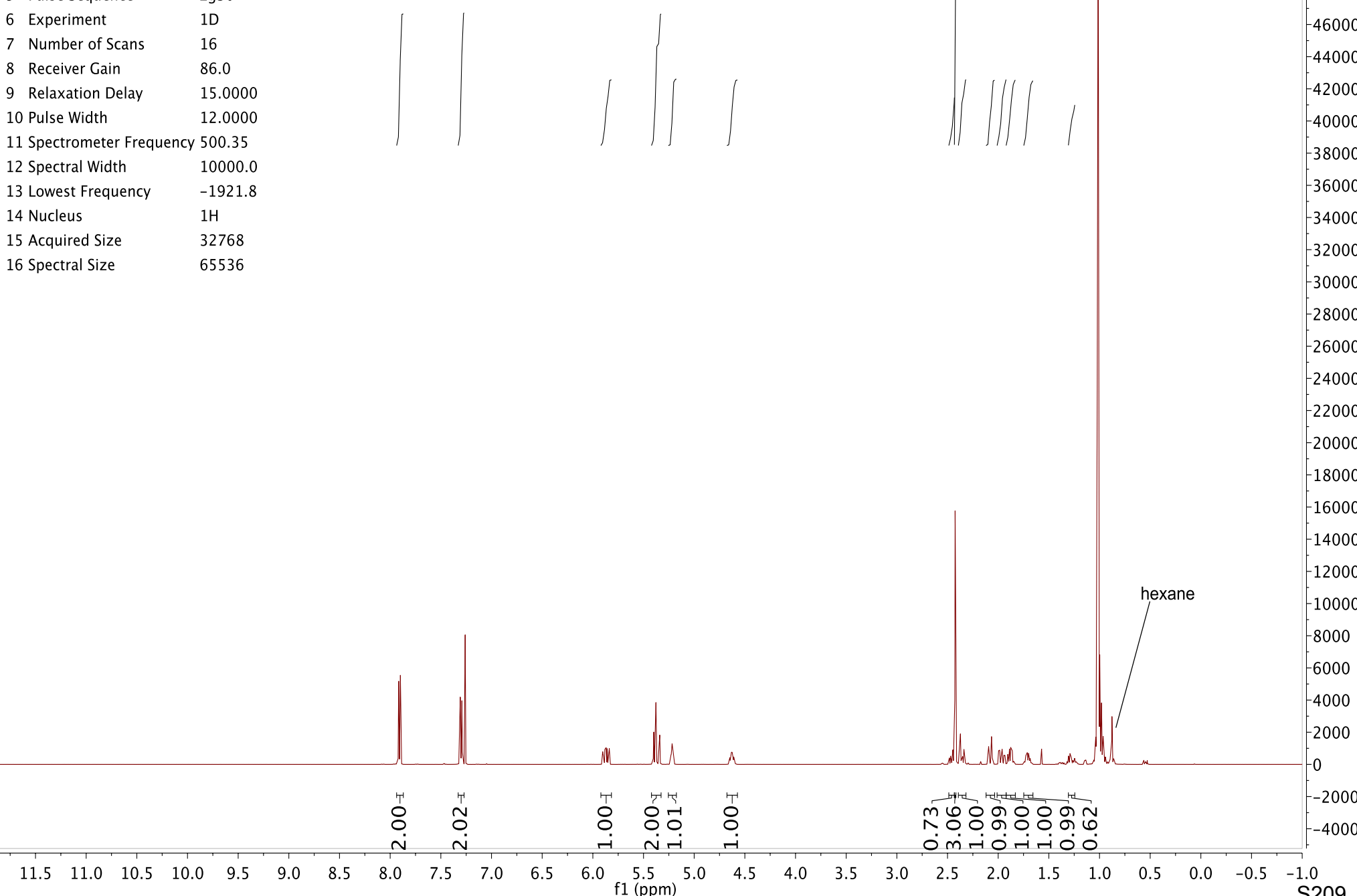
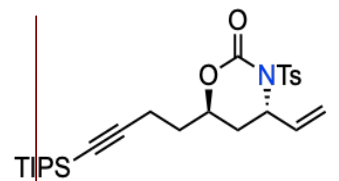


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1915.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

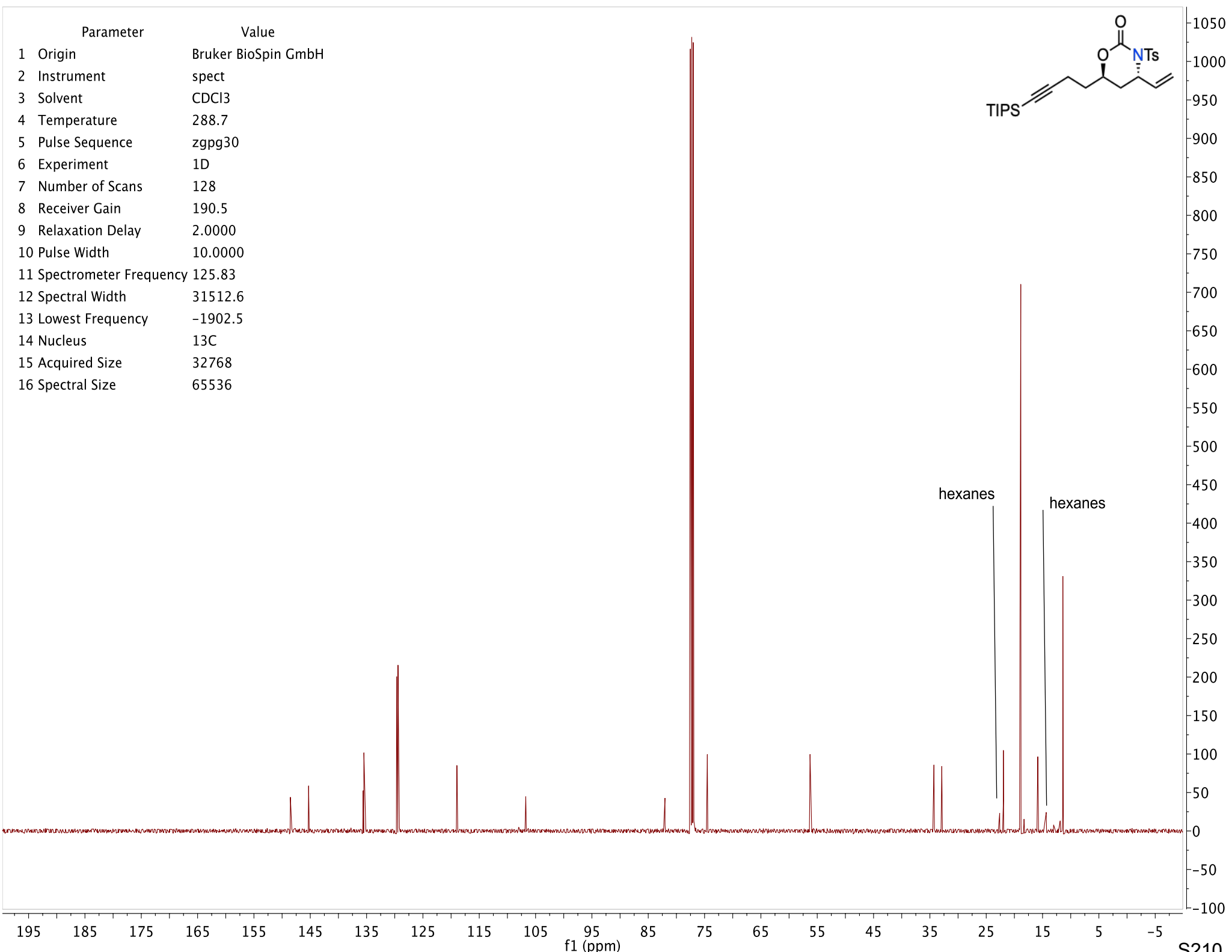
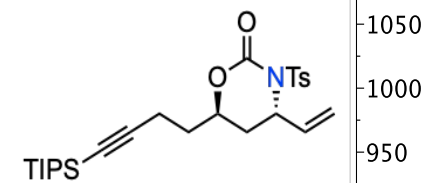




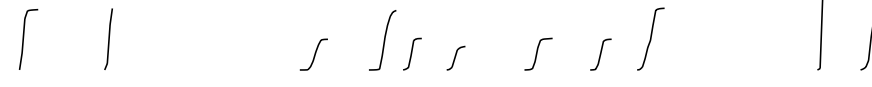
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	288.7
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	86.0
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	288.7
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	128
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.5
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



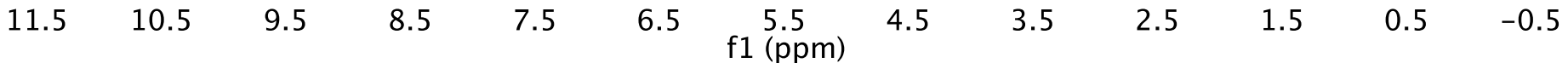
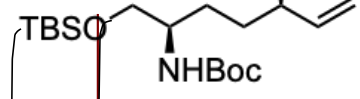
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	55
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.0
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



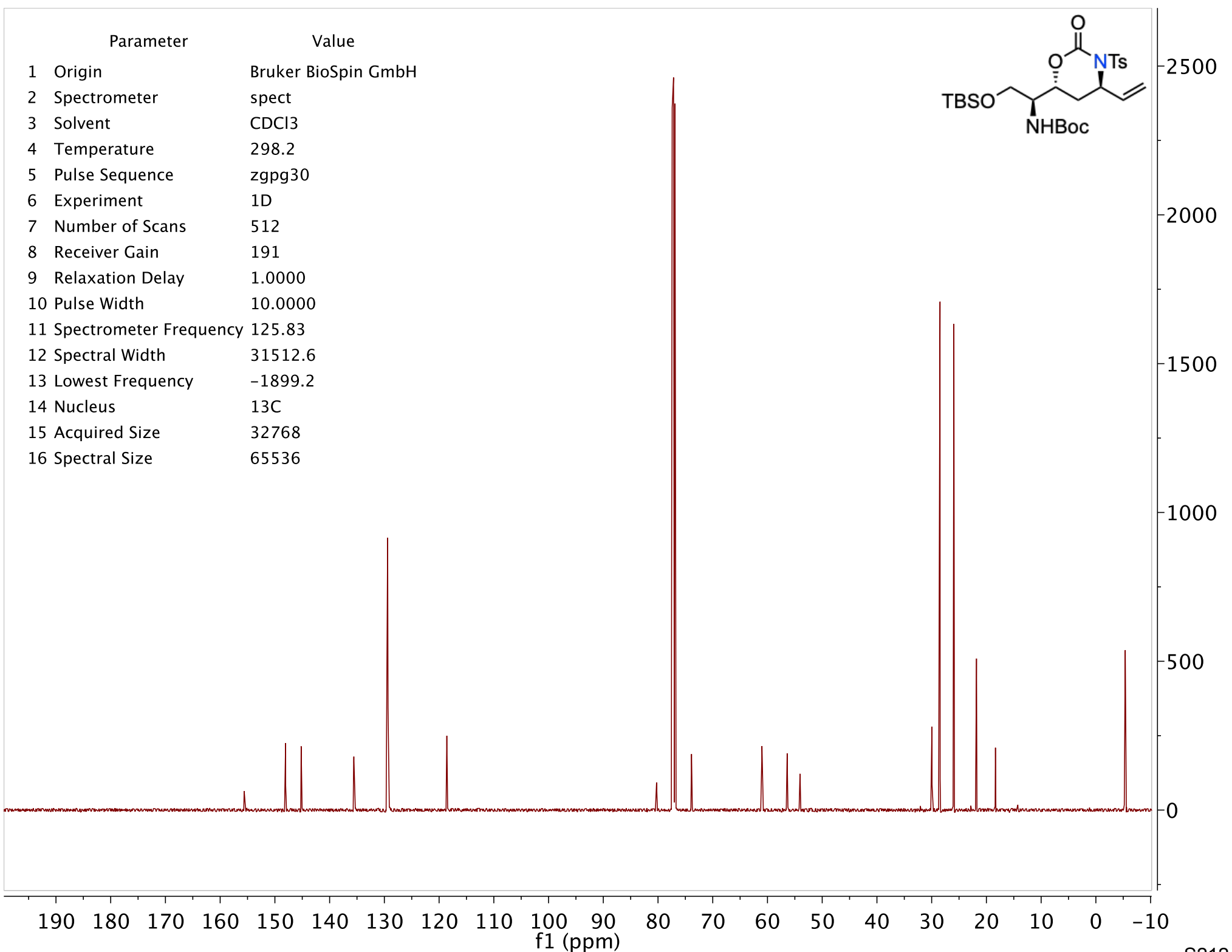
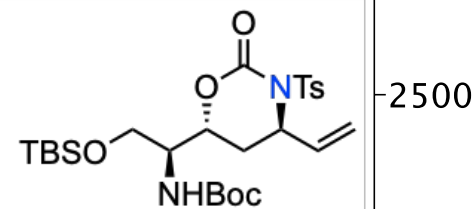
1.96
2.00
1.00
1.94
1.02
0.76
1.03
1.00
2.01

3.01
1.87
9.17
9.45
6.02

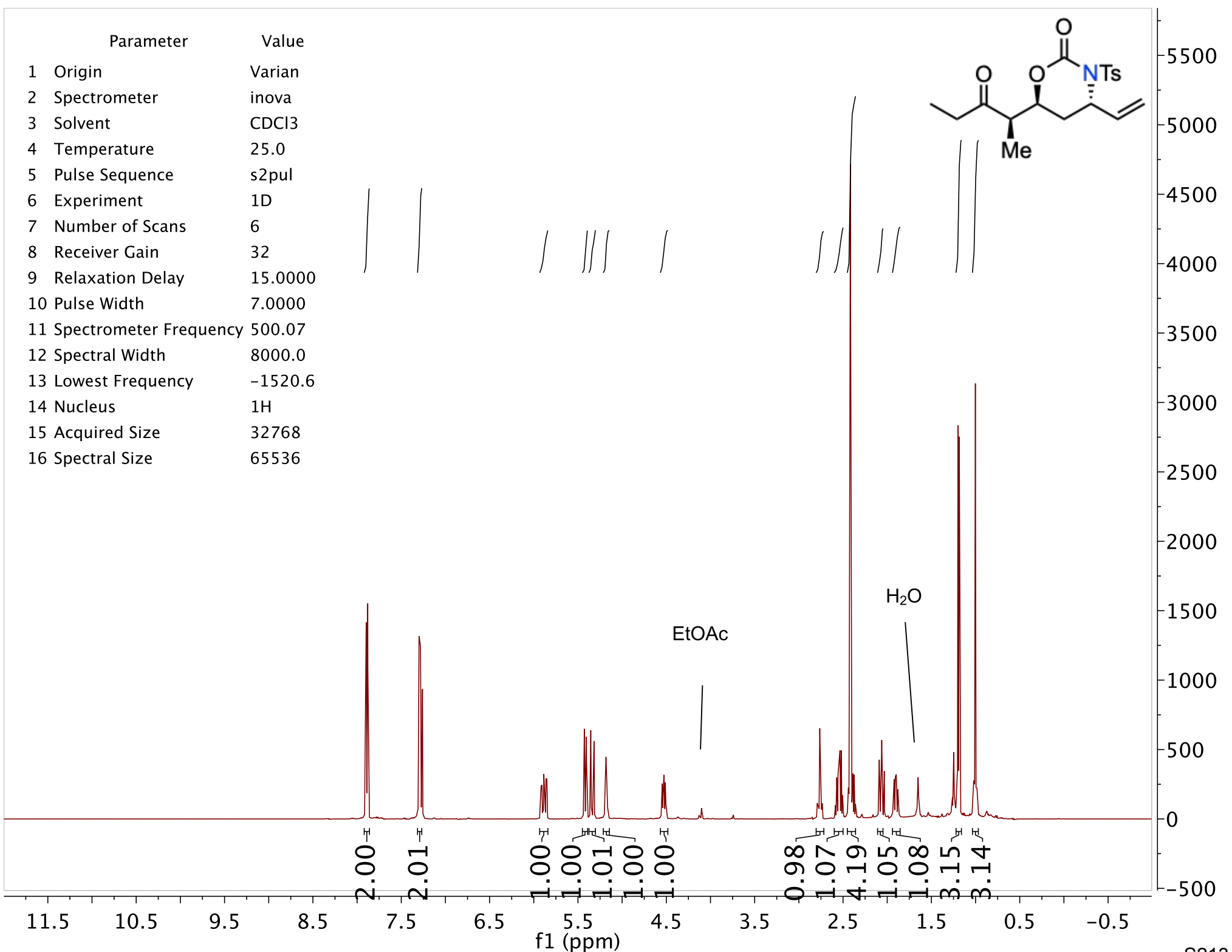
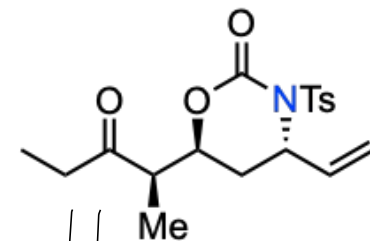
hexanes



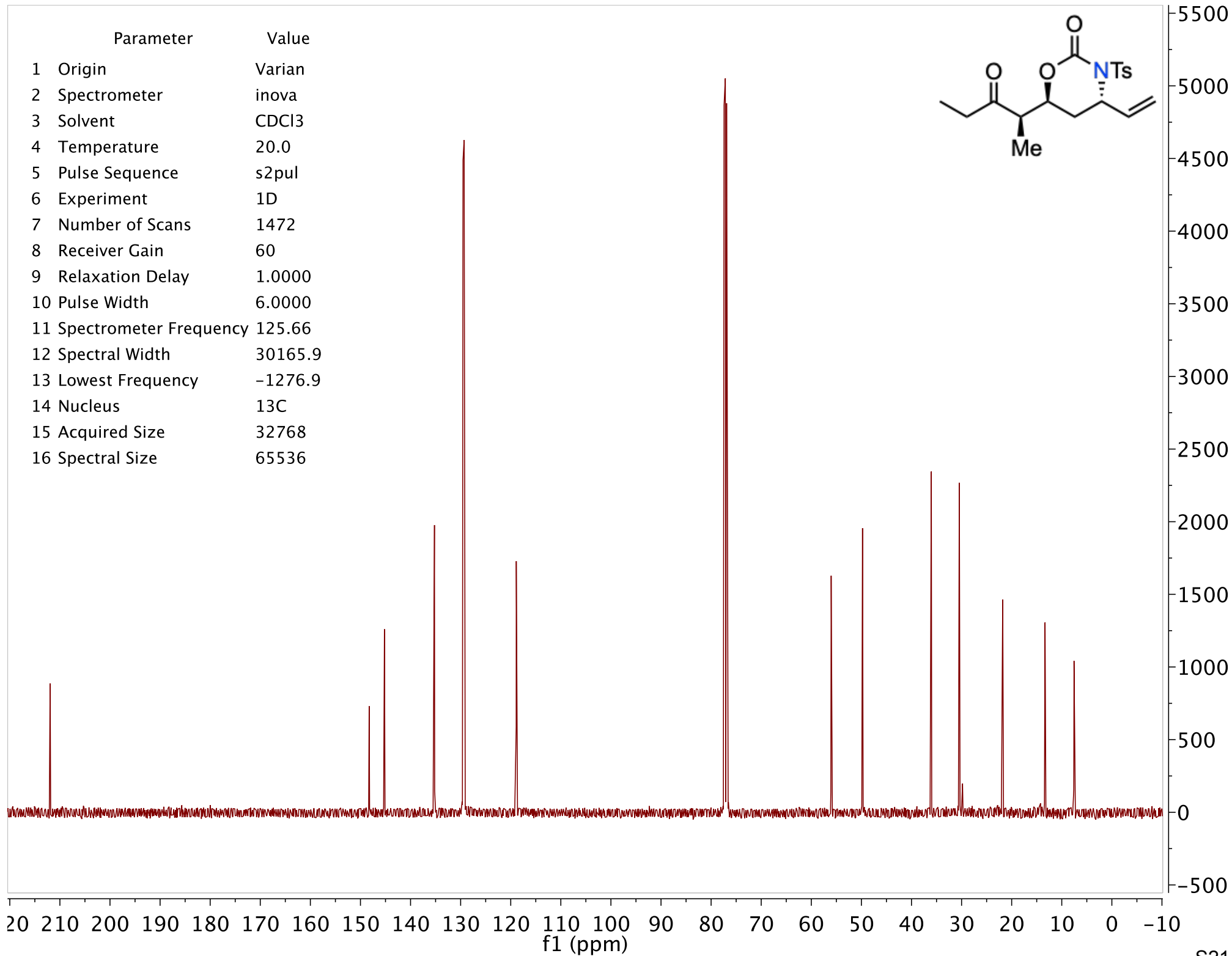
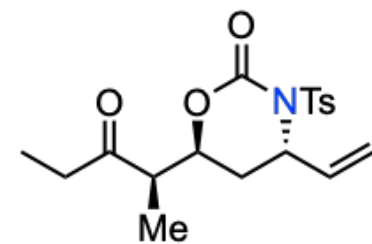
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



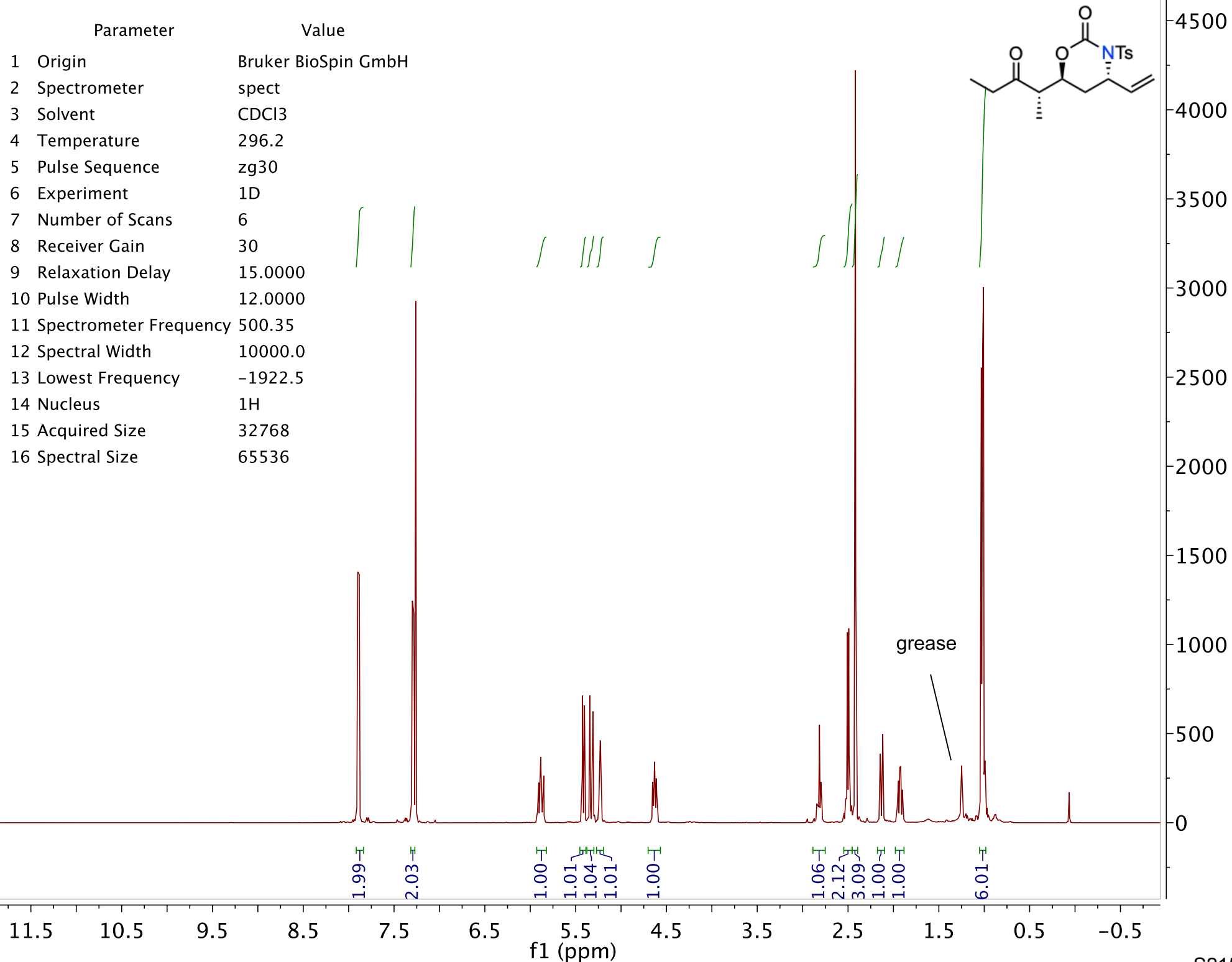
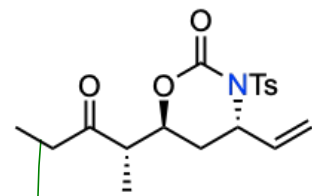
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	25.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	32
9 Relaxation Delay	15.0000
10 Pulse Width	7.0000
11 Spectrometer Frequency	500.07
12 Spectral Width	8000.0
13 Lowest Frequency	-1520.6
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



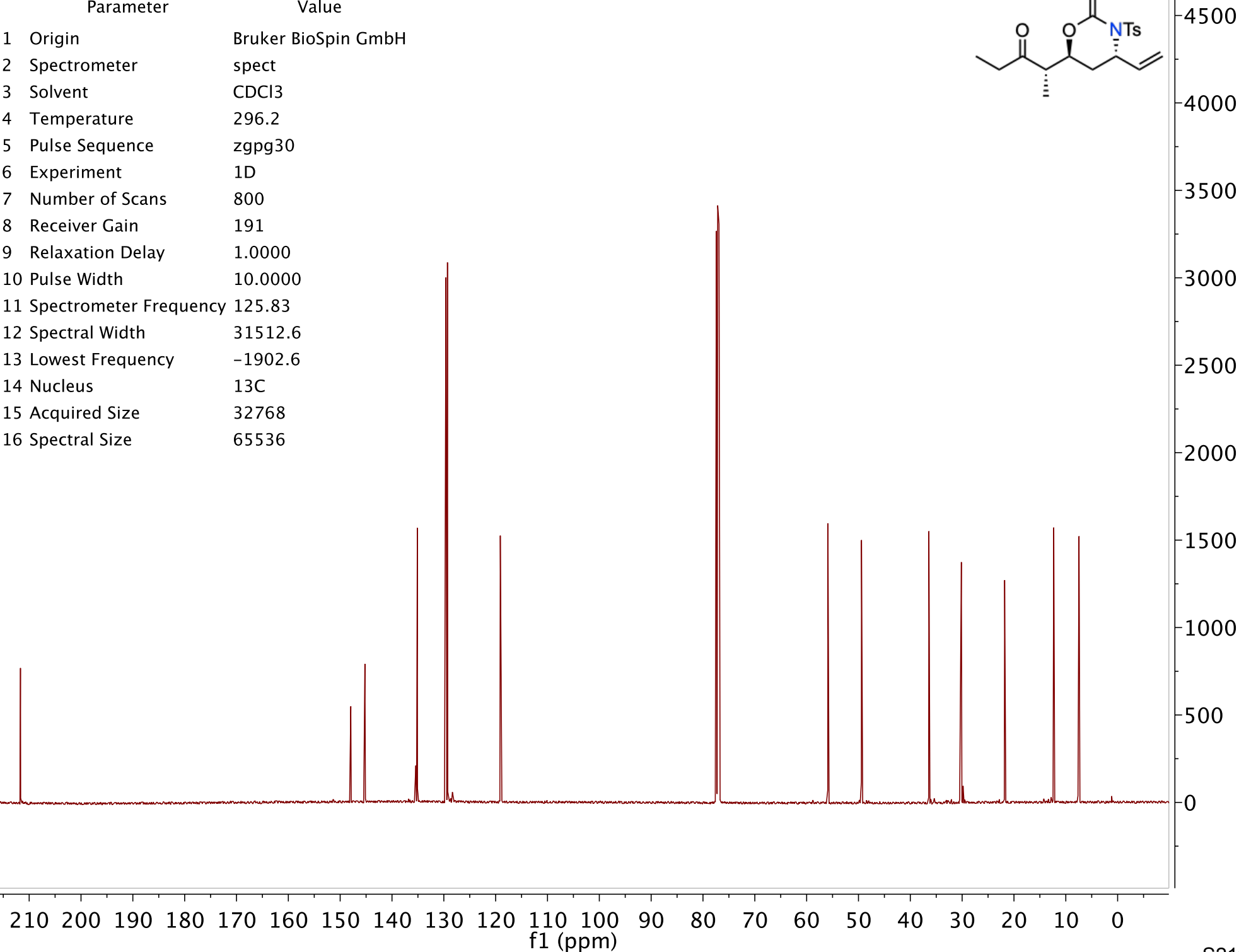
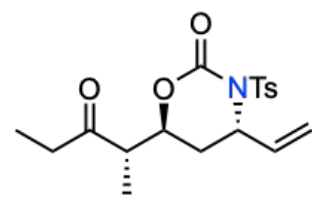
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	1472
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1276.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



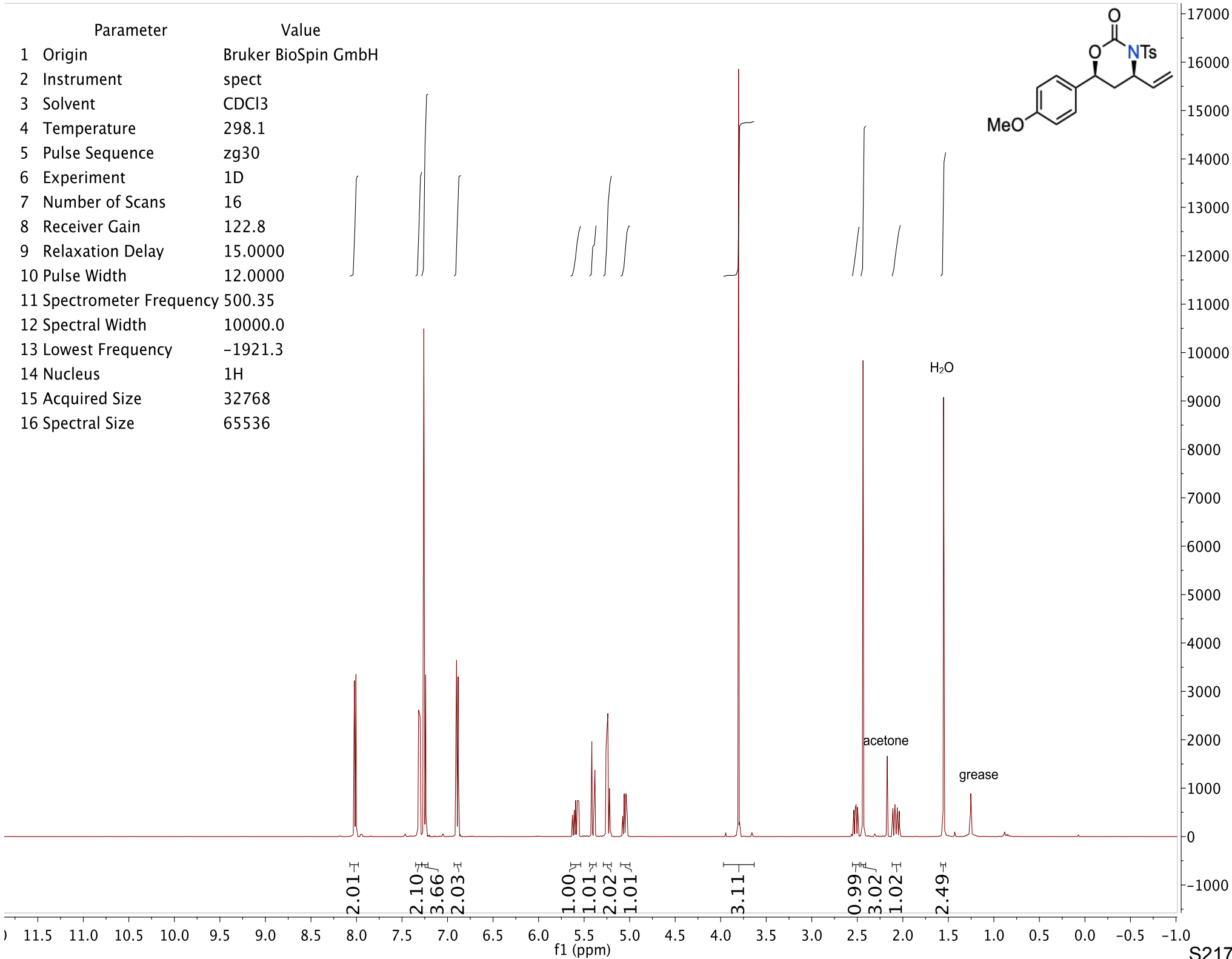
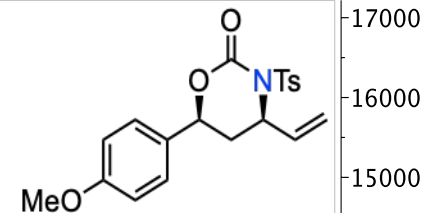
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.5
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



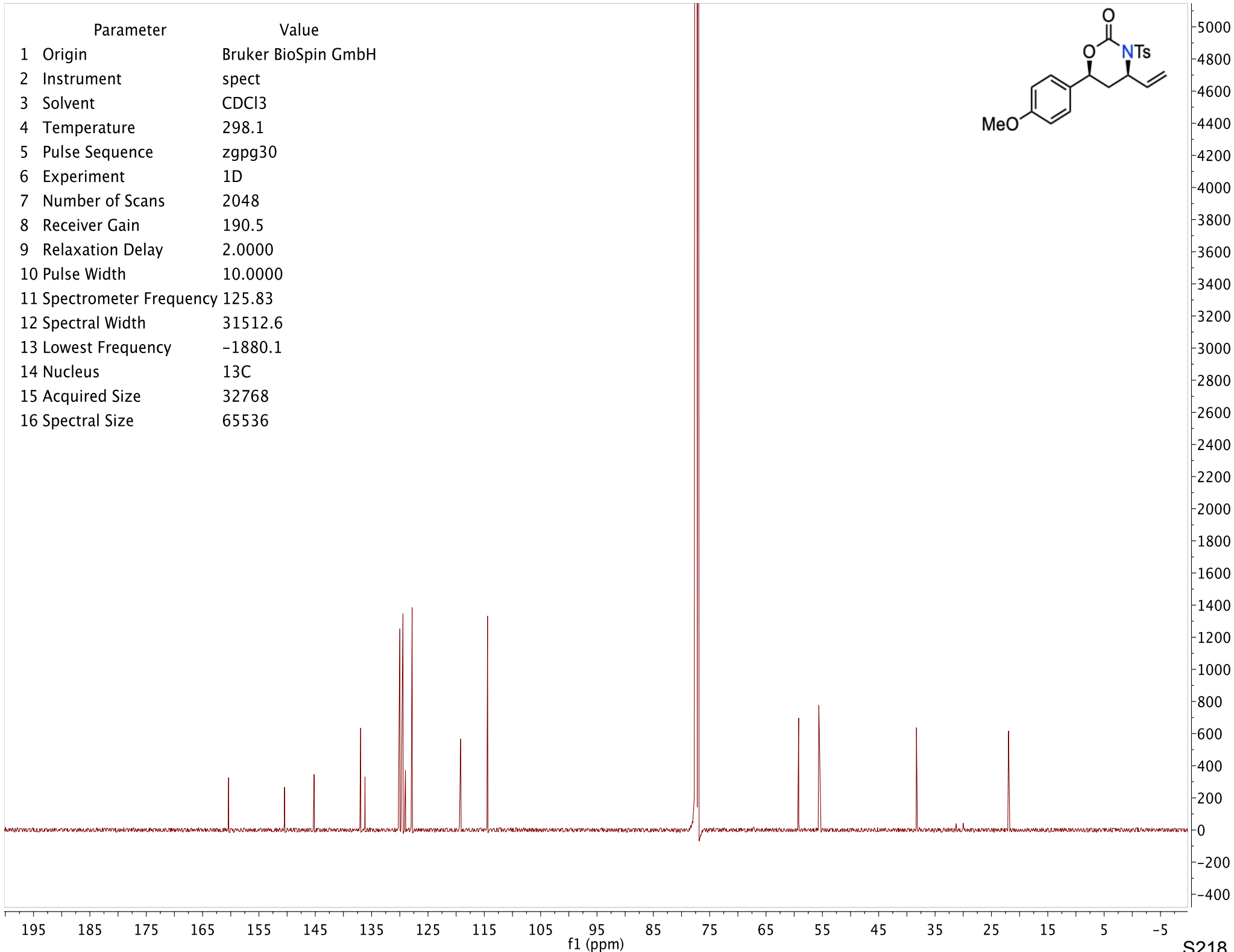
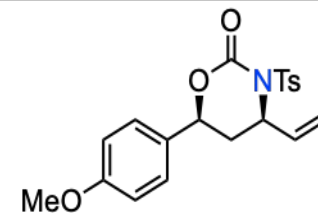
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



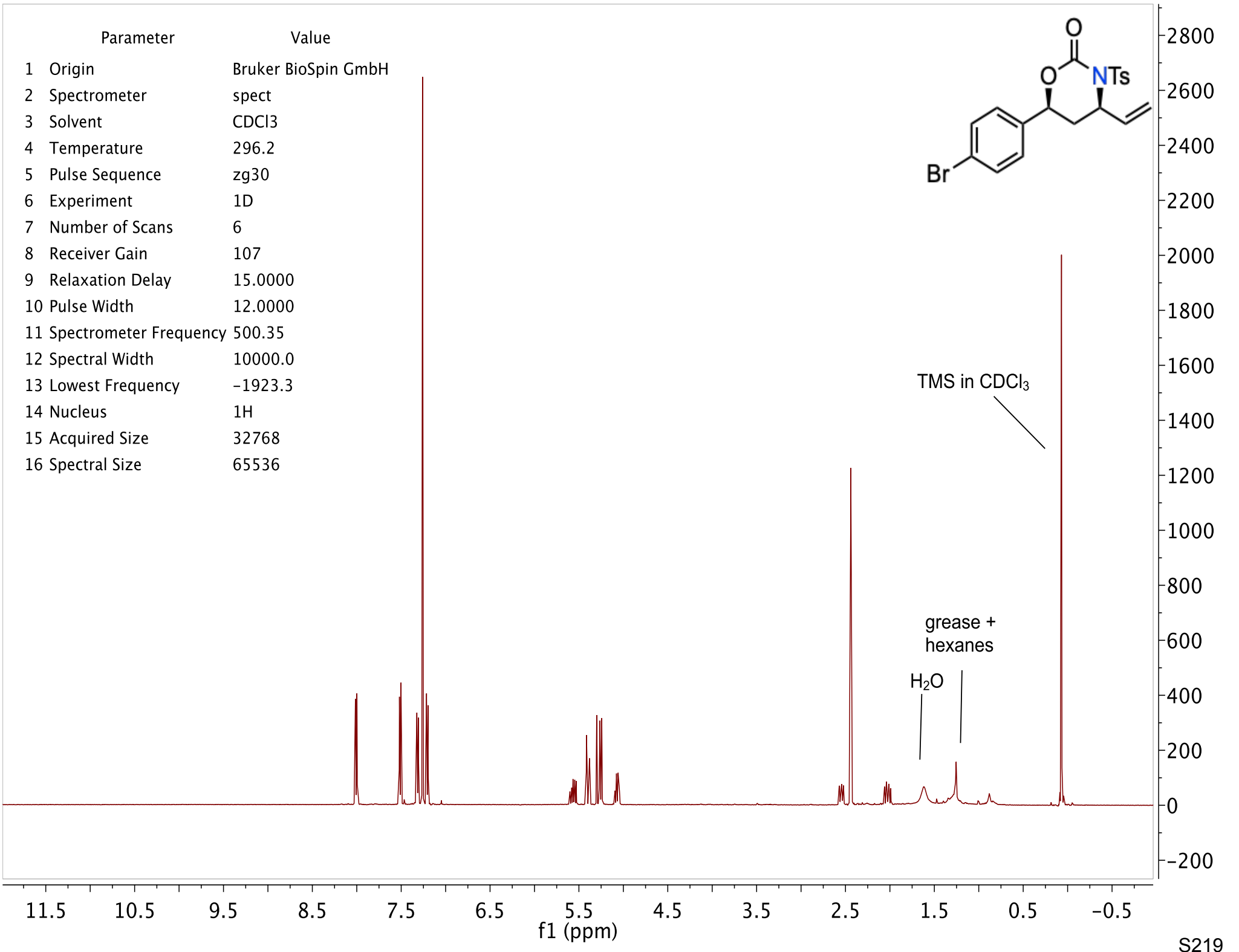
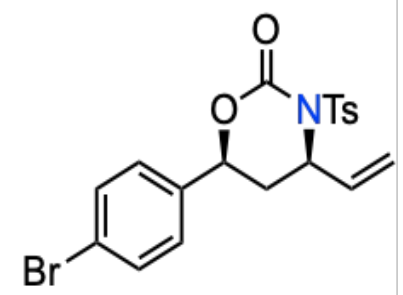
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	122.8
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



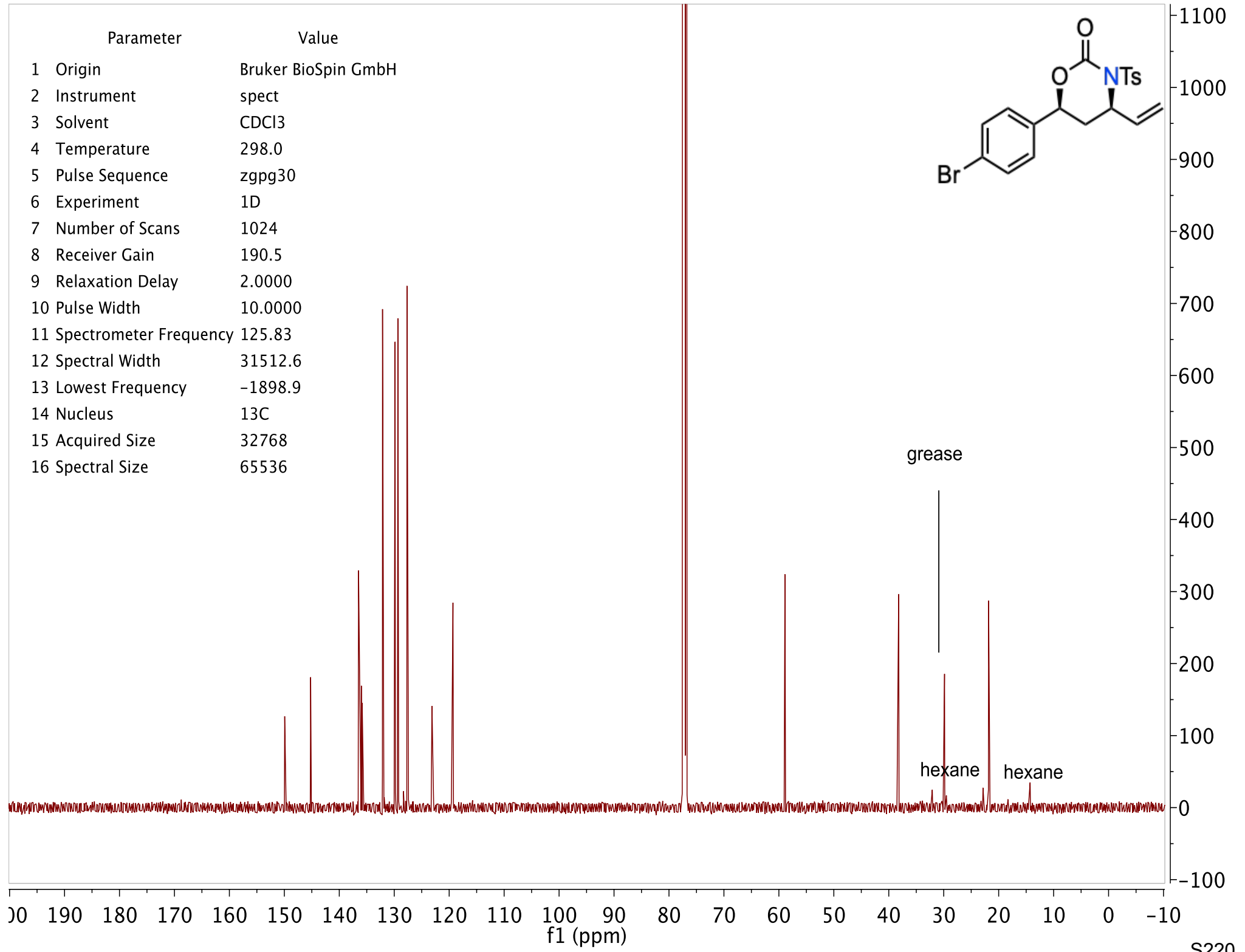
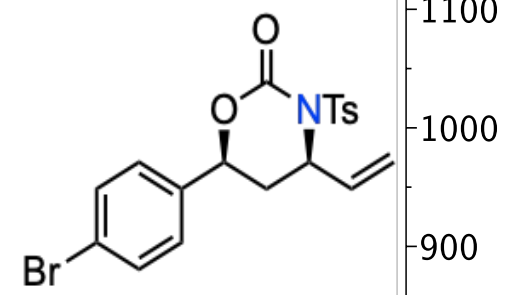
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2048
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1880.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

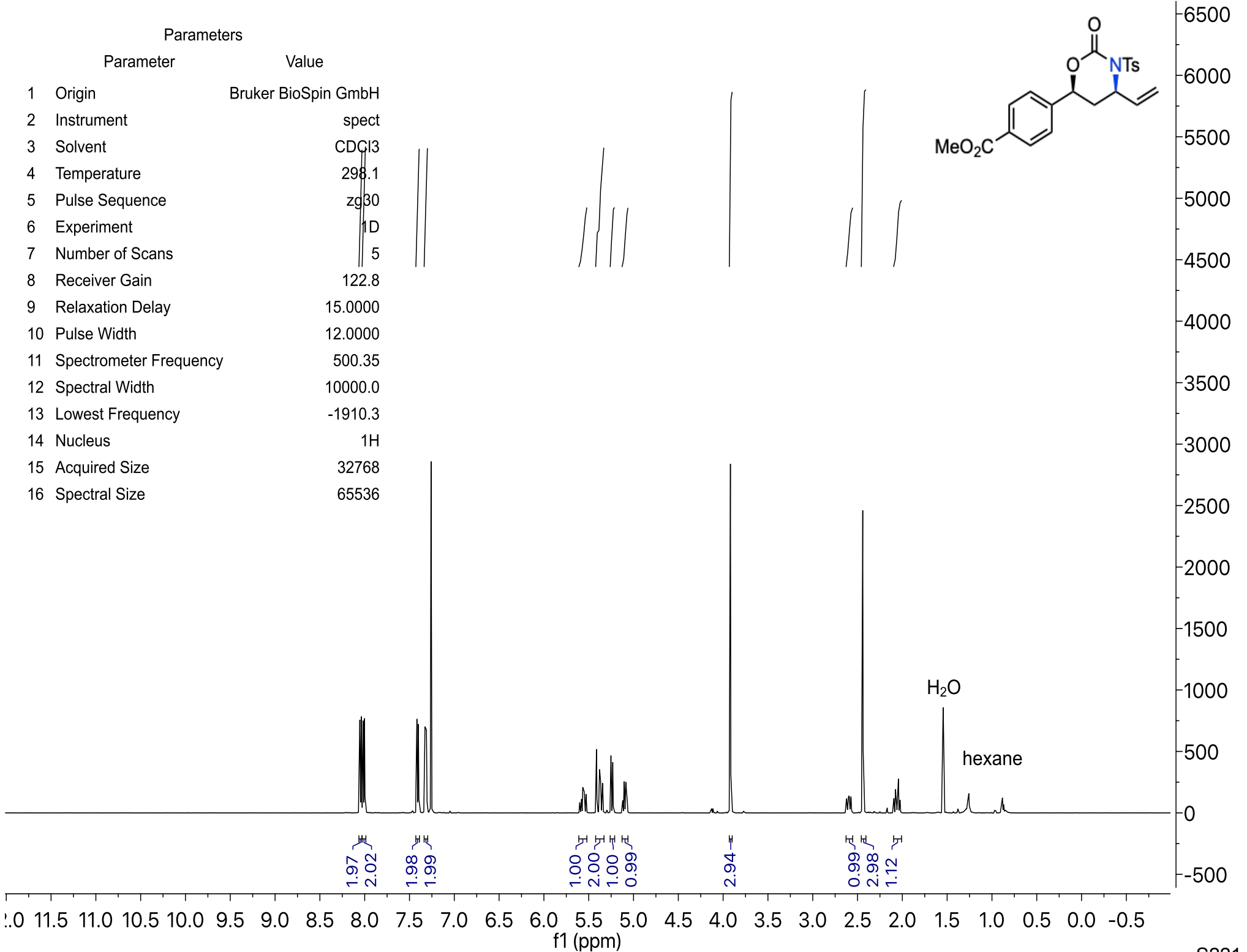


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl ₃
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	107
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1923.3
14 Nucleus	¹ H
15 Acquired Size	32768
16 Spectral Size	65536



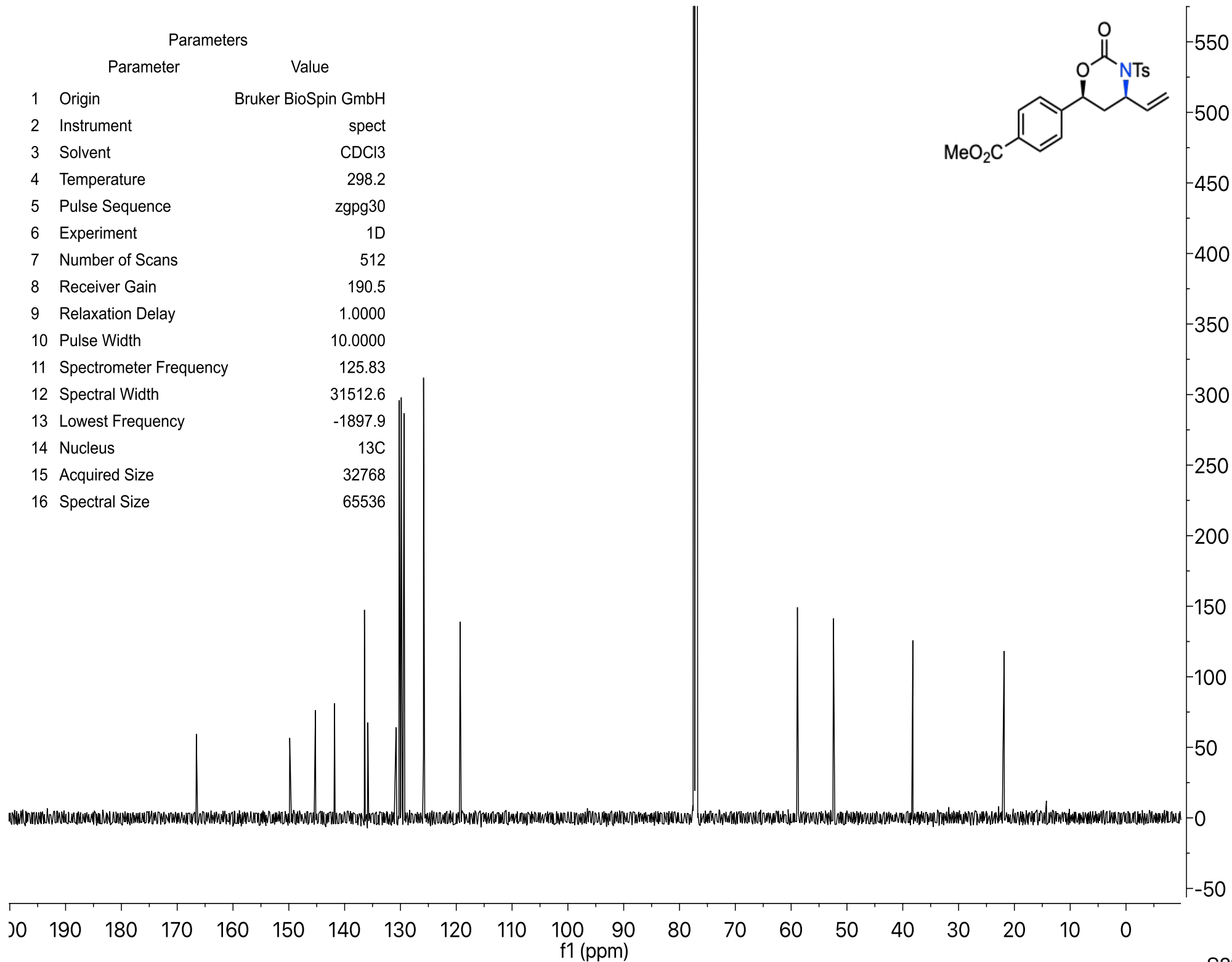
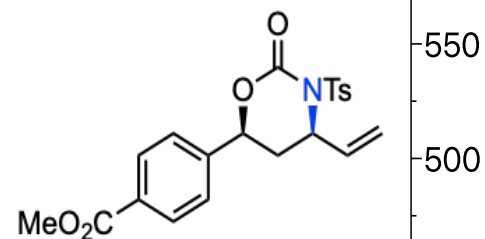
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536





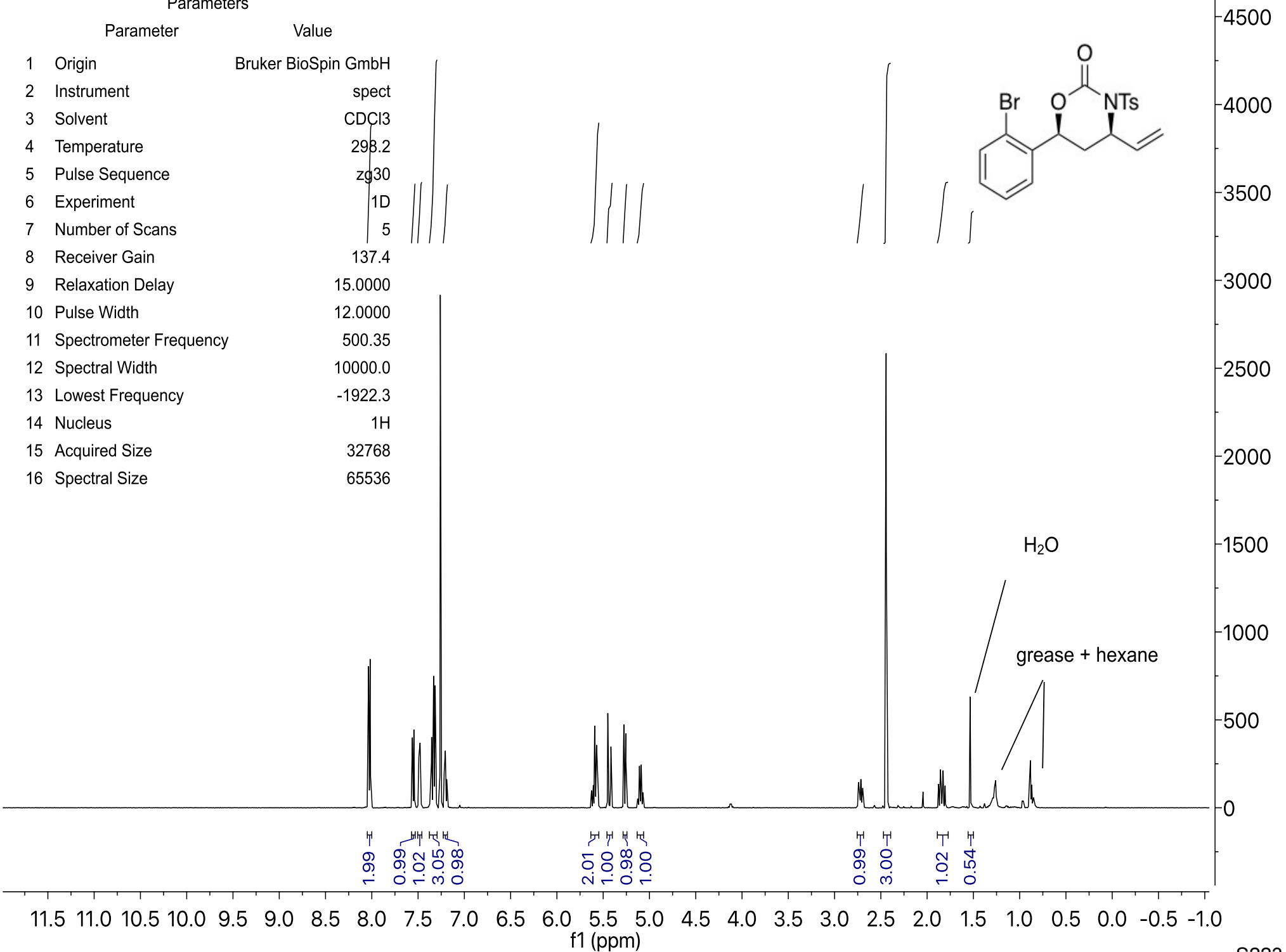
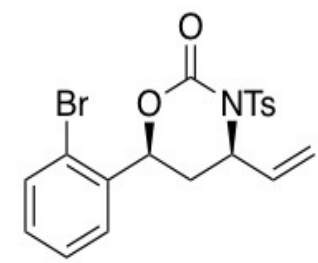
Parameters

Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1897.9
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



Parameters

Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	137.4
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

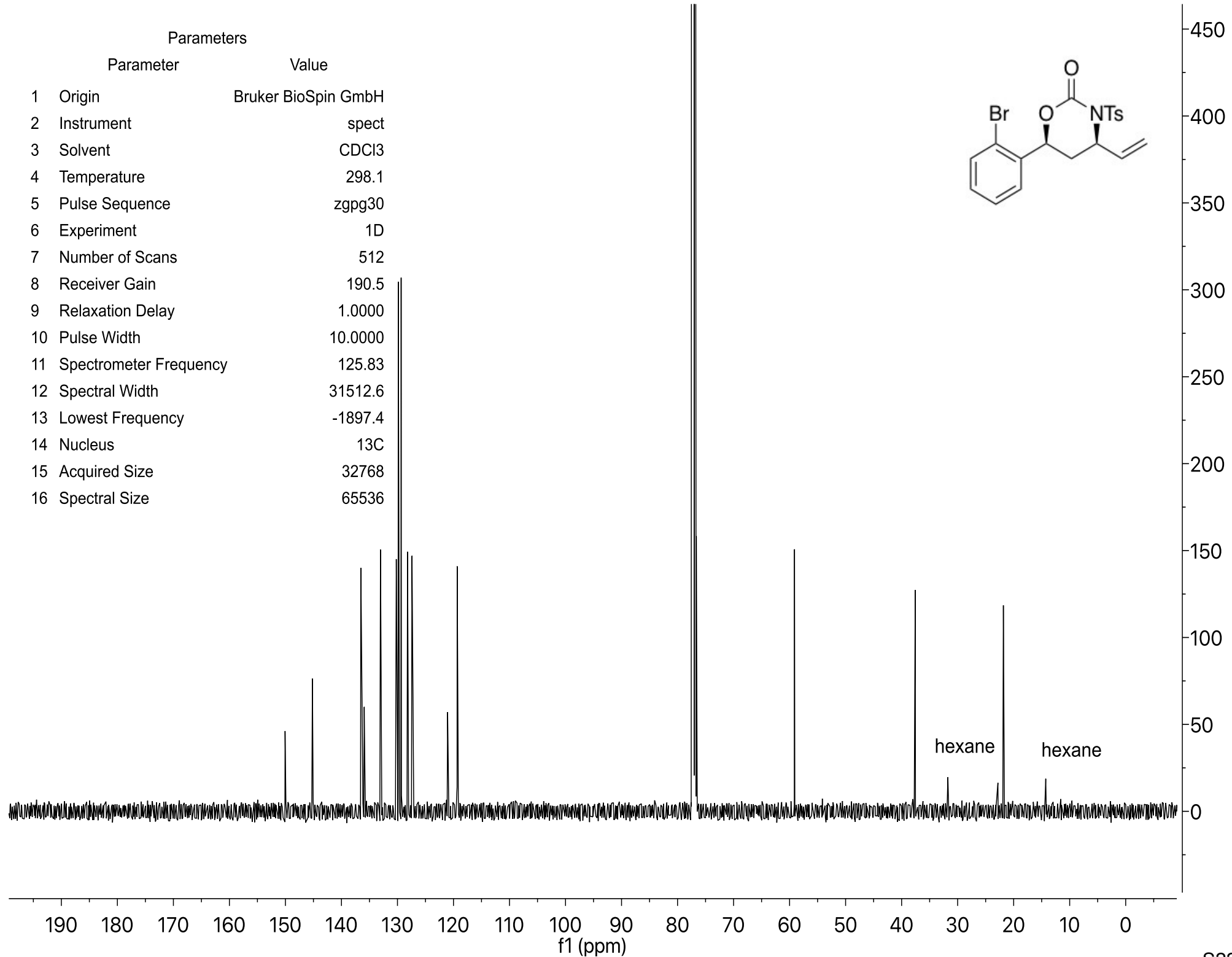
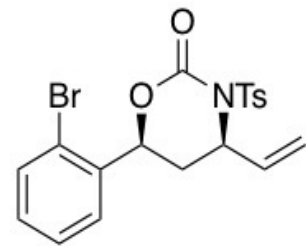


H₂O

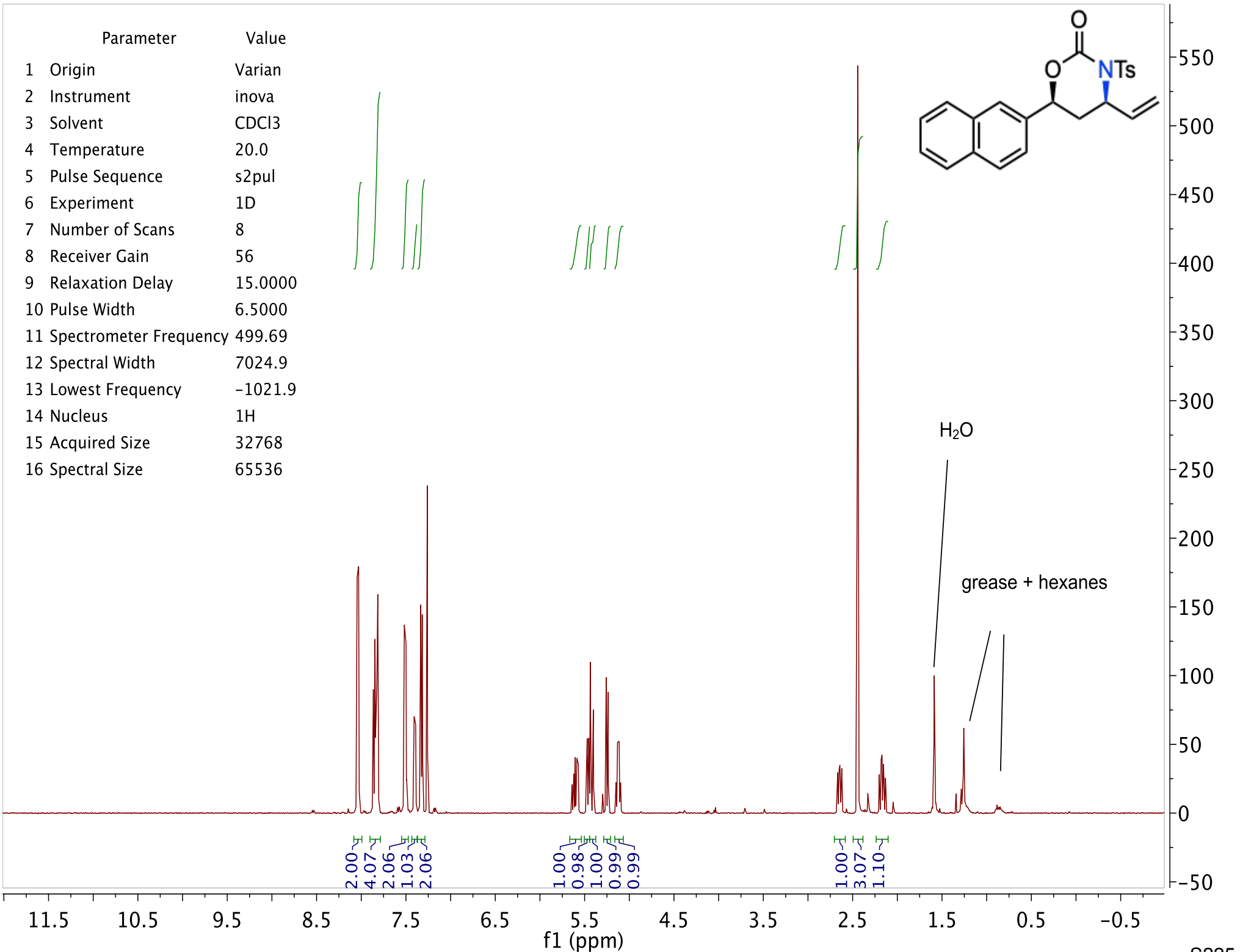
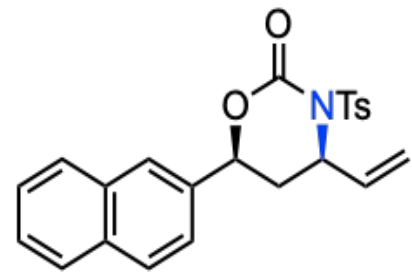
grease + hexane

Parameters

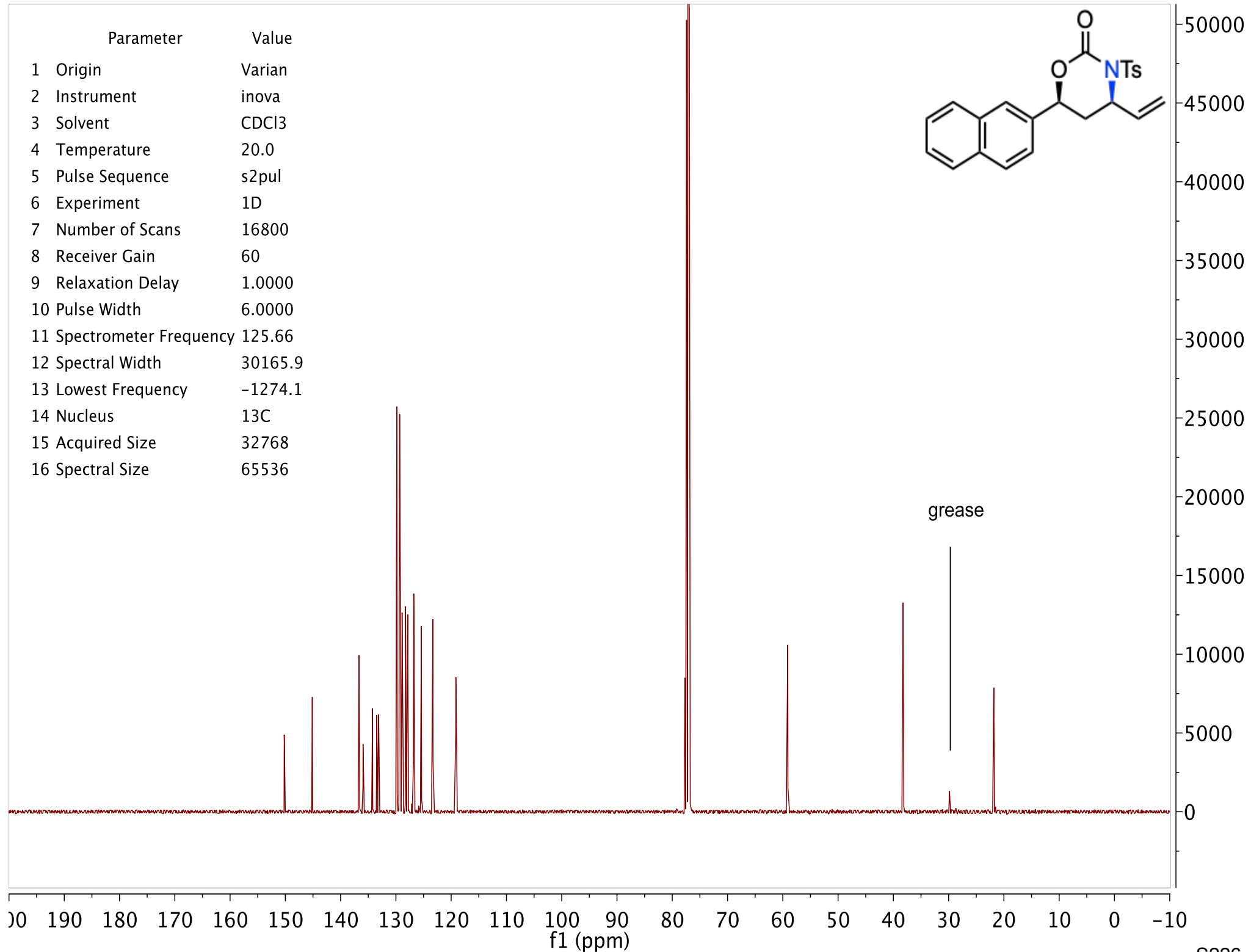
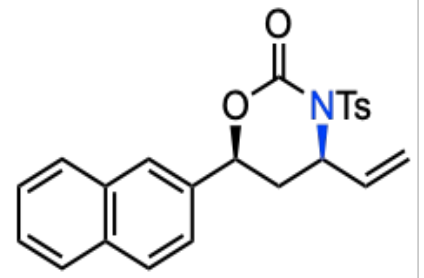
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1897.4
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



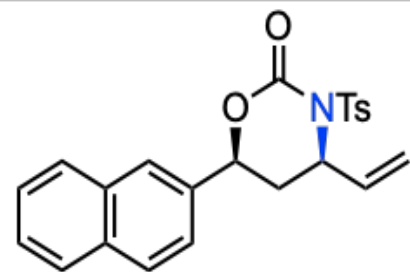
Parameter	Value
1 Origin	Varian
2 Instrument	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	56
9 Relaxation Delay	15.0000
10 Pulse Width	6.5000
11 Spectrometer Frequency	499.69
12 Spectral Width	7024.9
13 Lowest Frequency	-1021.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



Parameter	Value
1 Origin	Varian
2 Instrument	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	16800
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1274.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



155-115ppm



150

145

140

135
f1 (ppm)

130

125

120

115

S227

50000

45000

40000

35000

30000

25000

20000

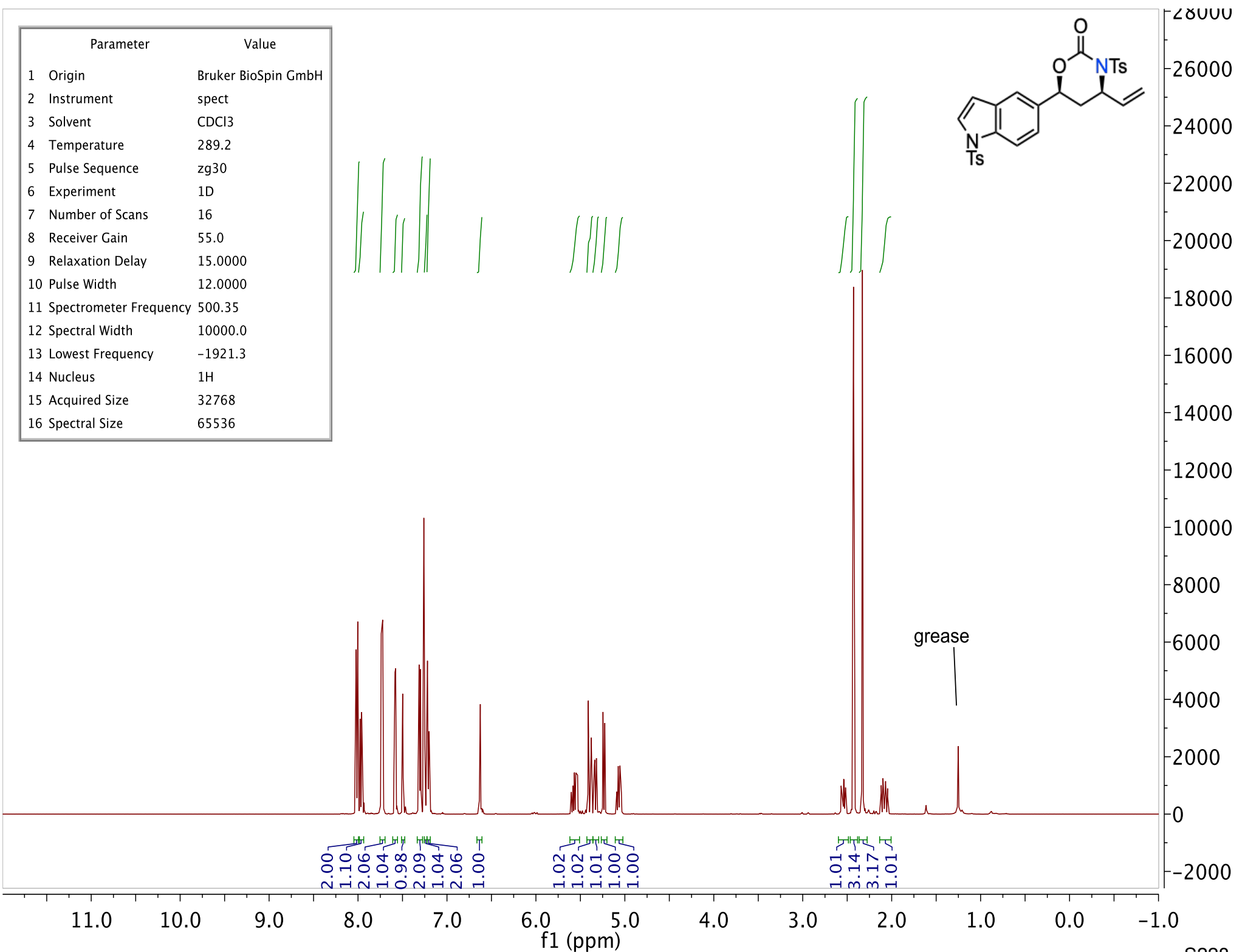
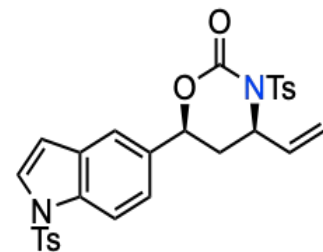
15000

10000

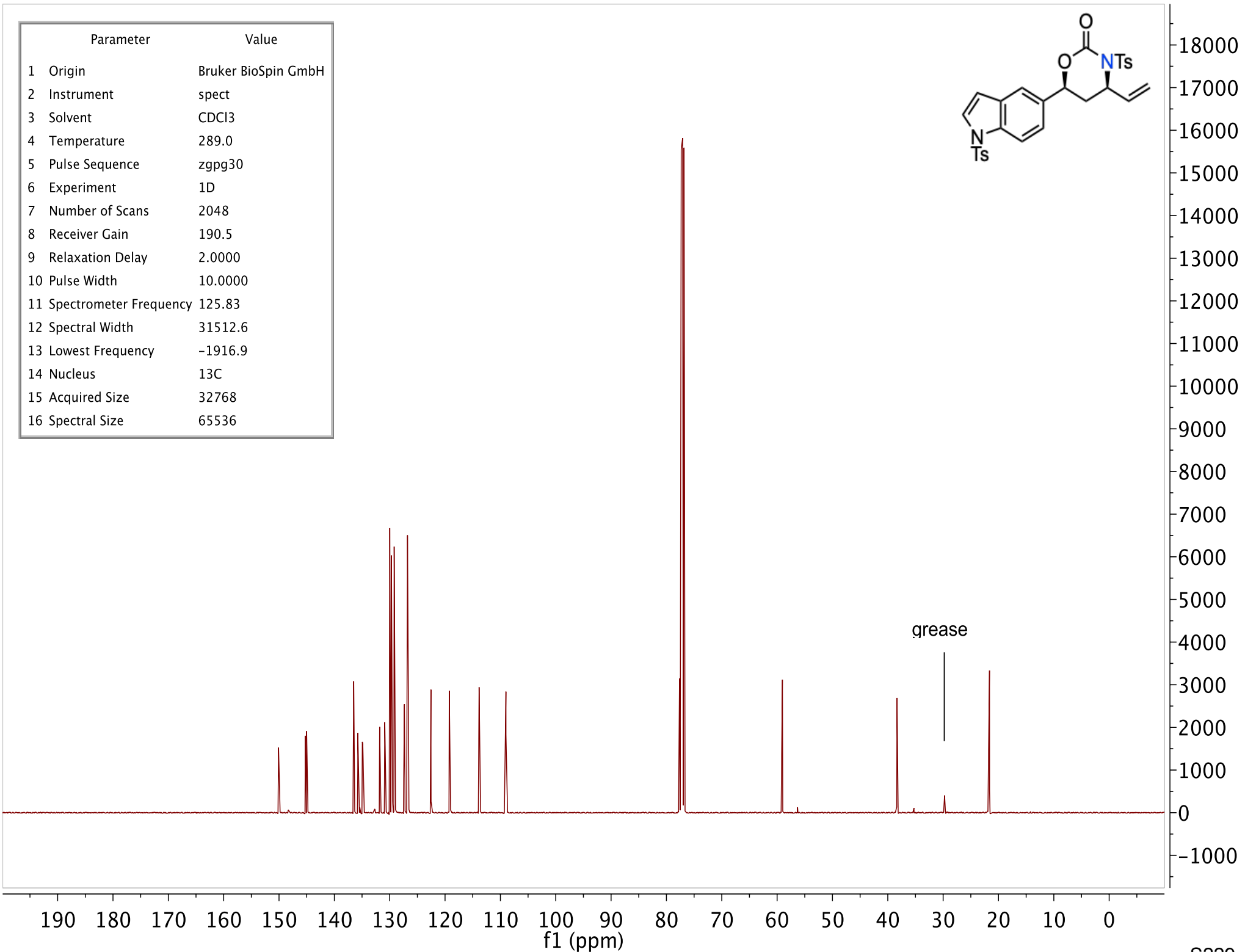
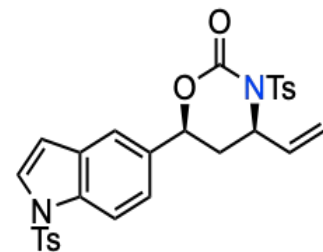
5000

0

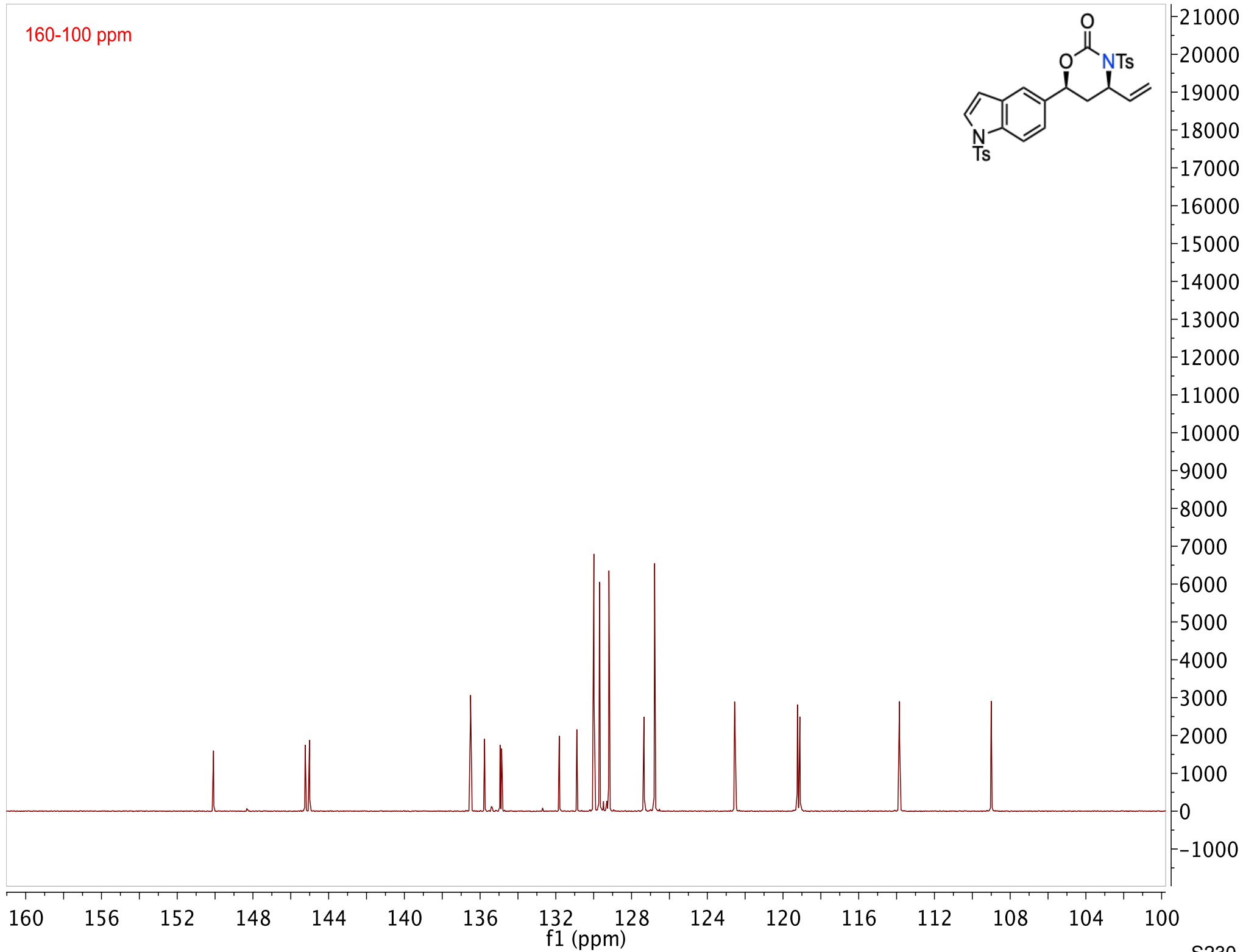
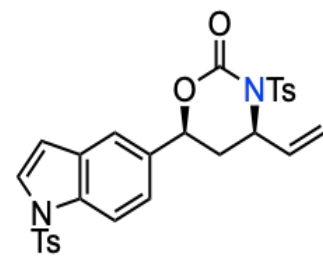
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	55.0
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



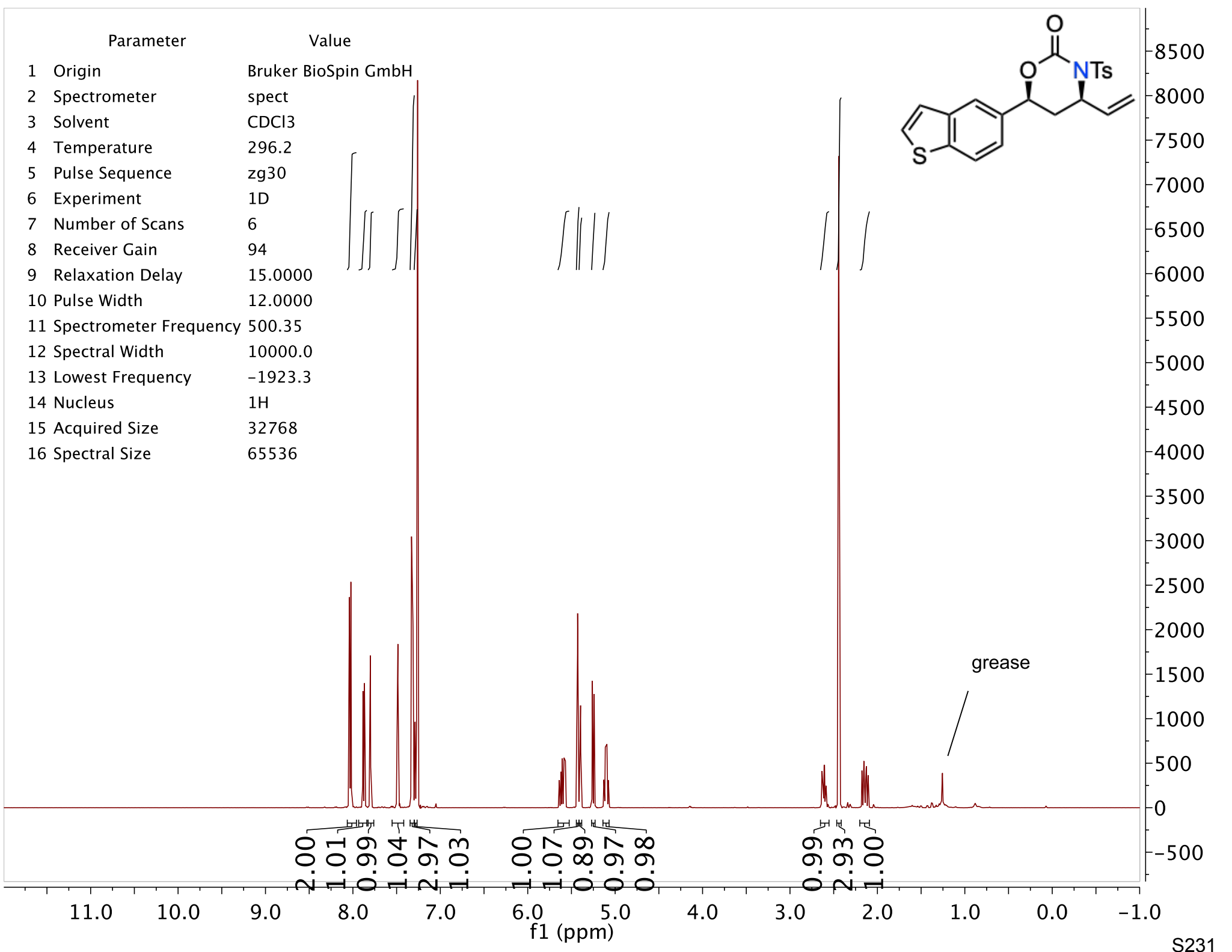
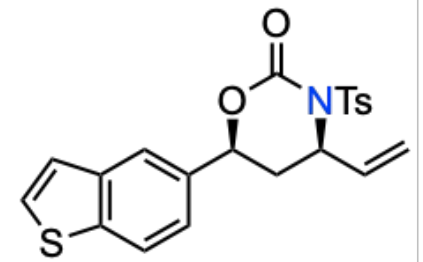
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.0
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2048
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



160-100 ppm

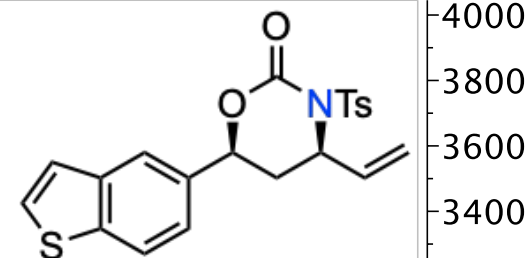


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	94
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1923.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



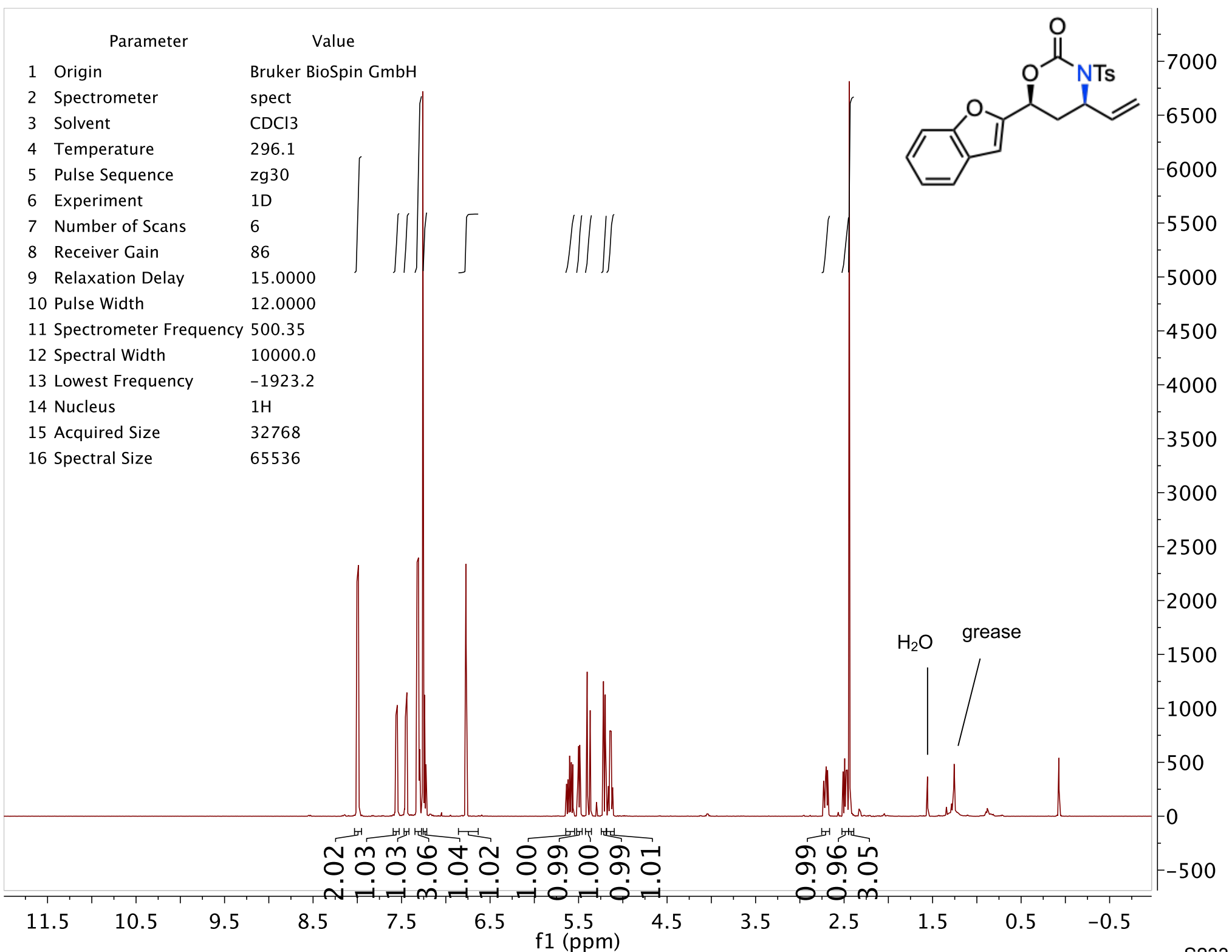
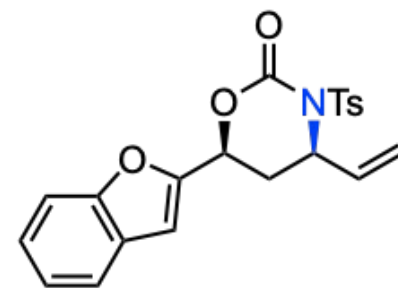
grease

Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1000
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.8
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536

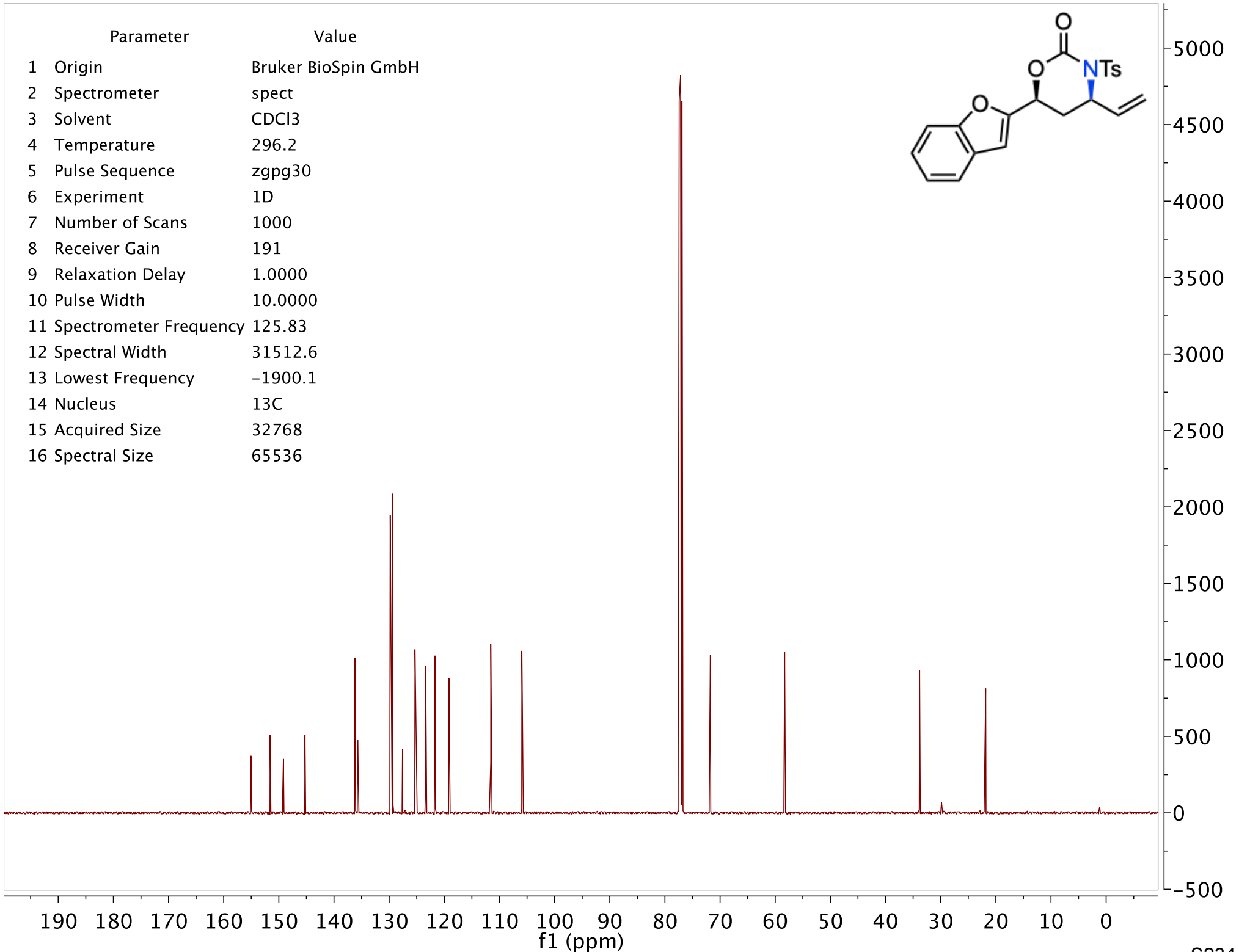
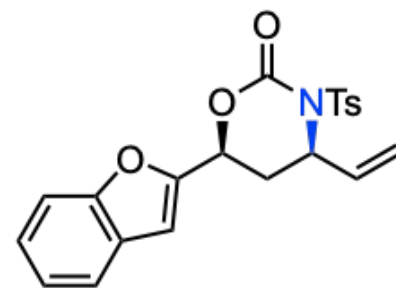


190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 -10
f1 (ppm)

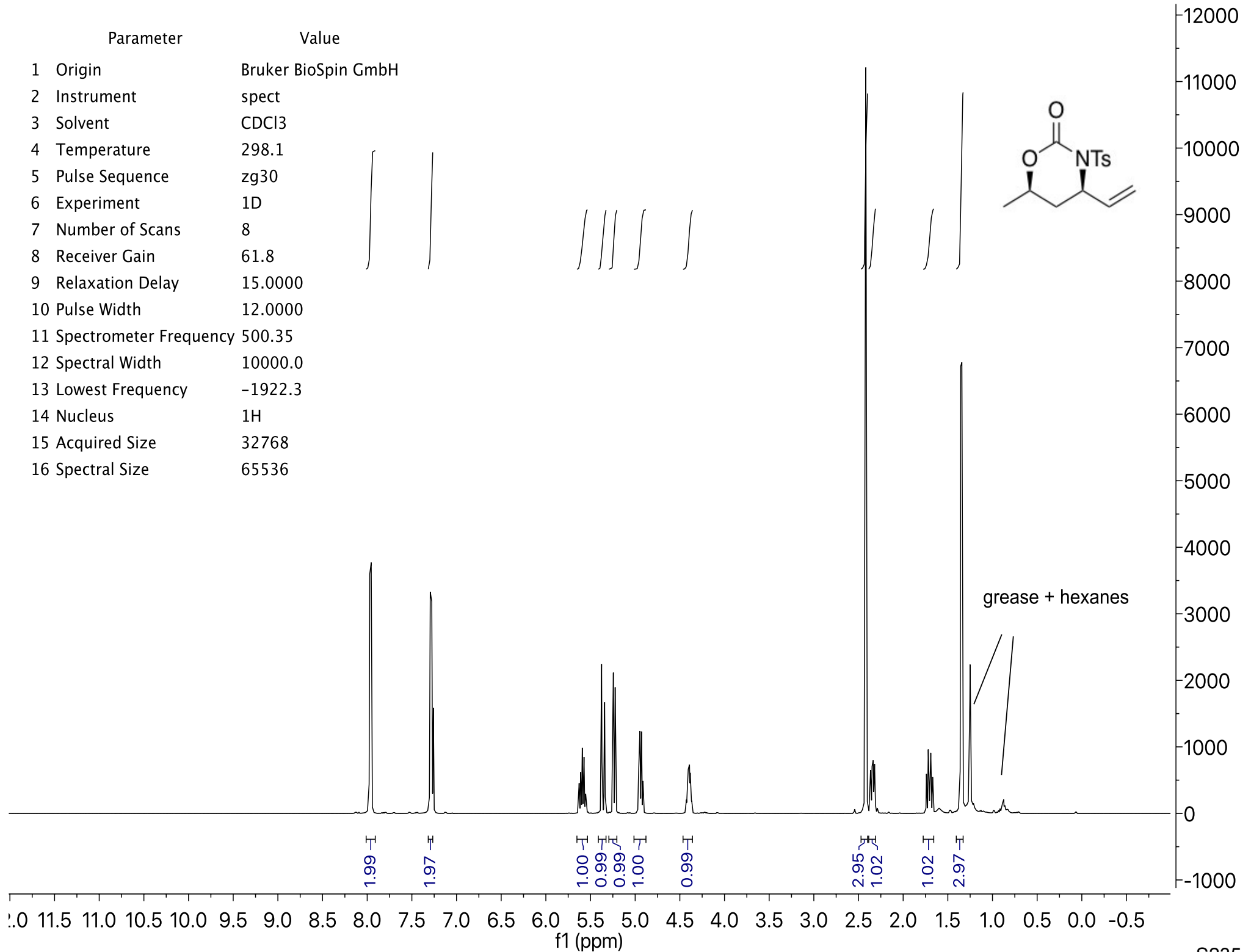
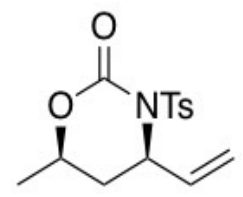
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	86
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1923.2
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



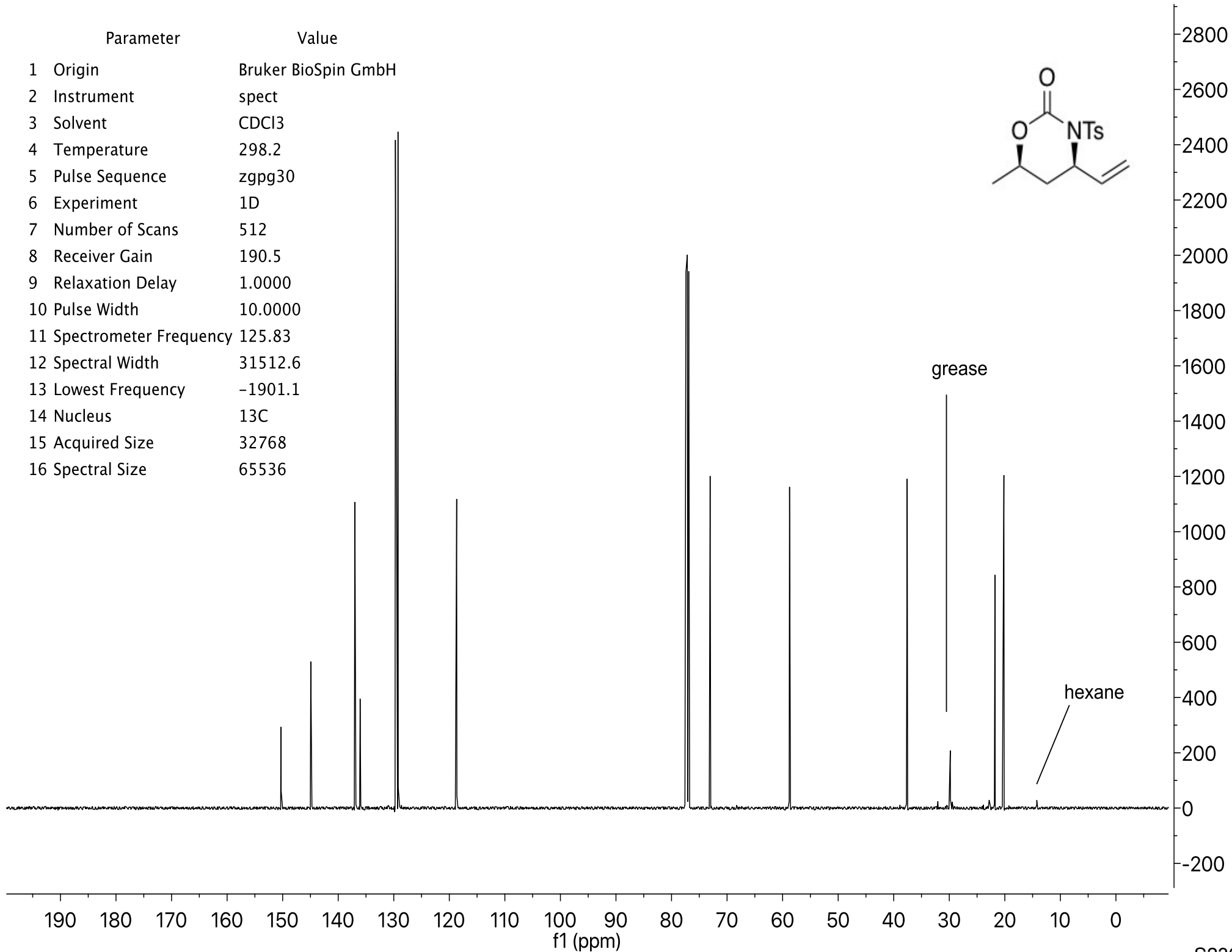
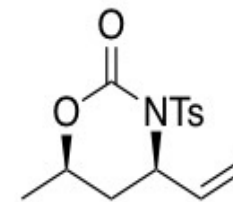
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1000
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



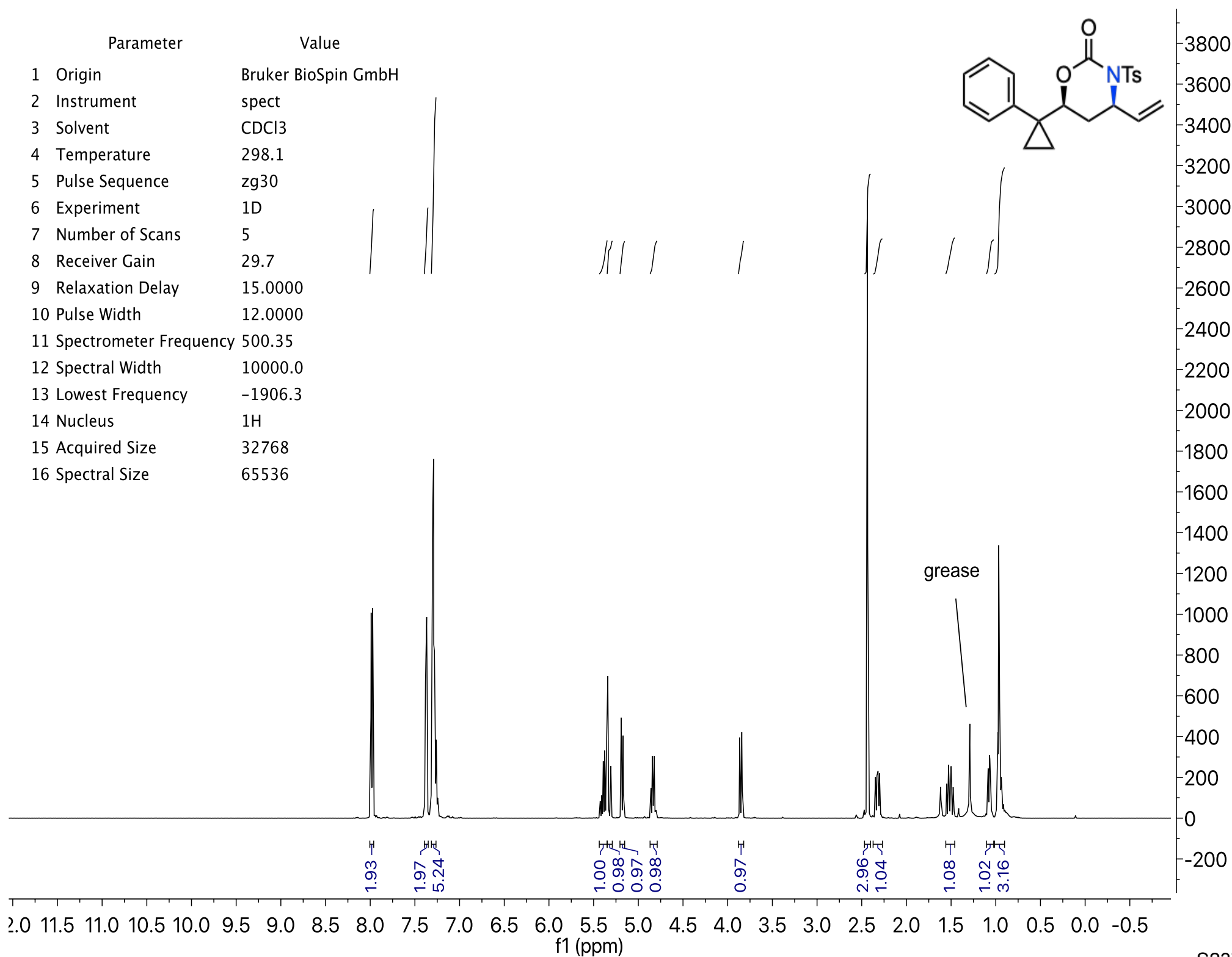
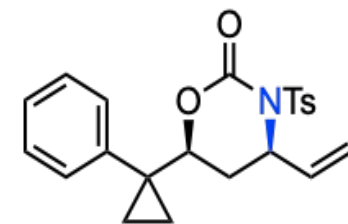
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	61.8
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



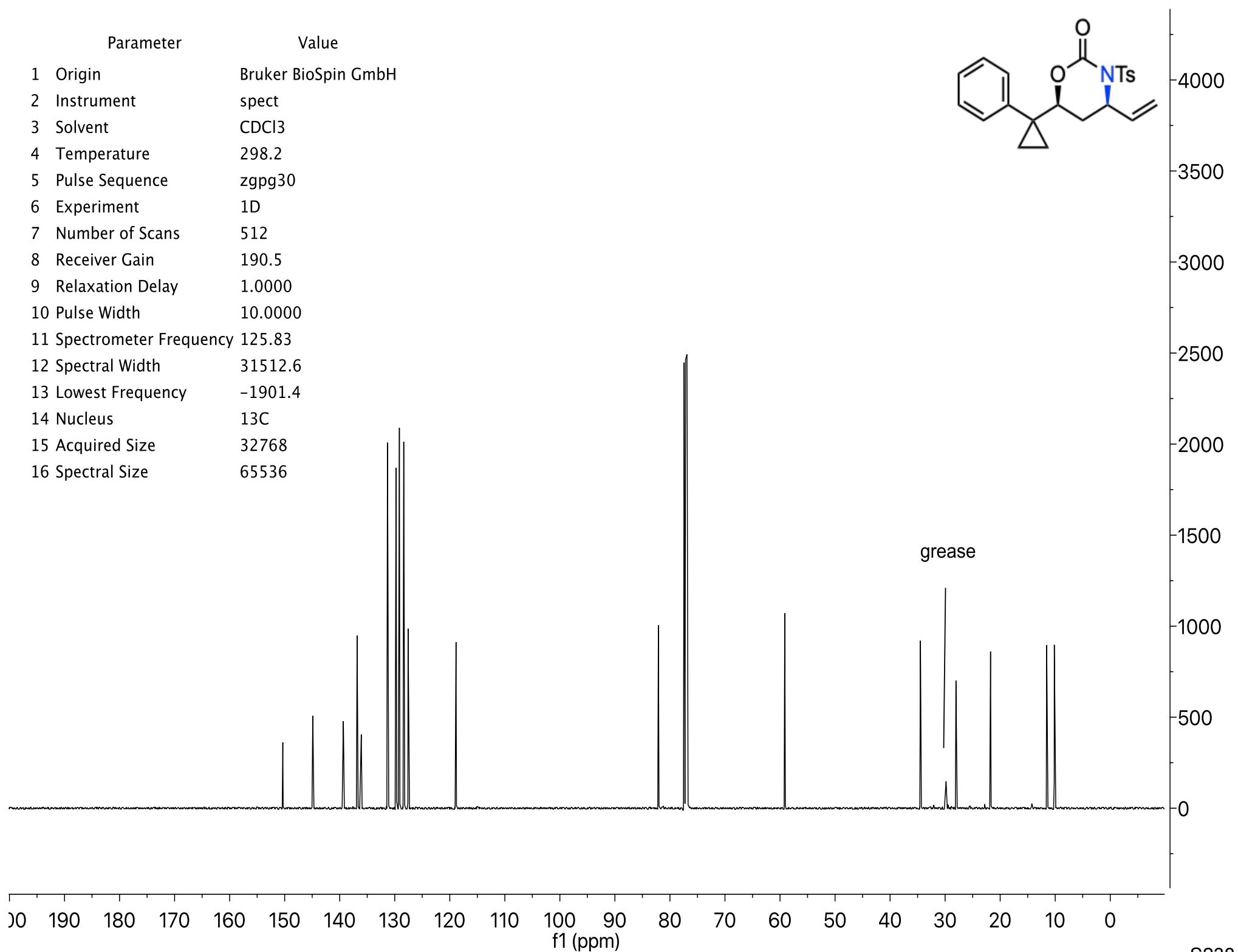
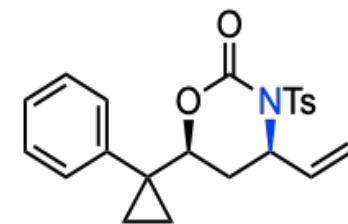
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



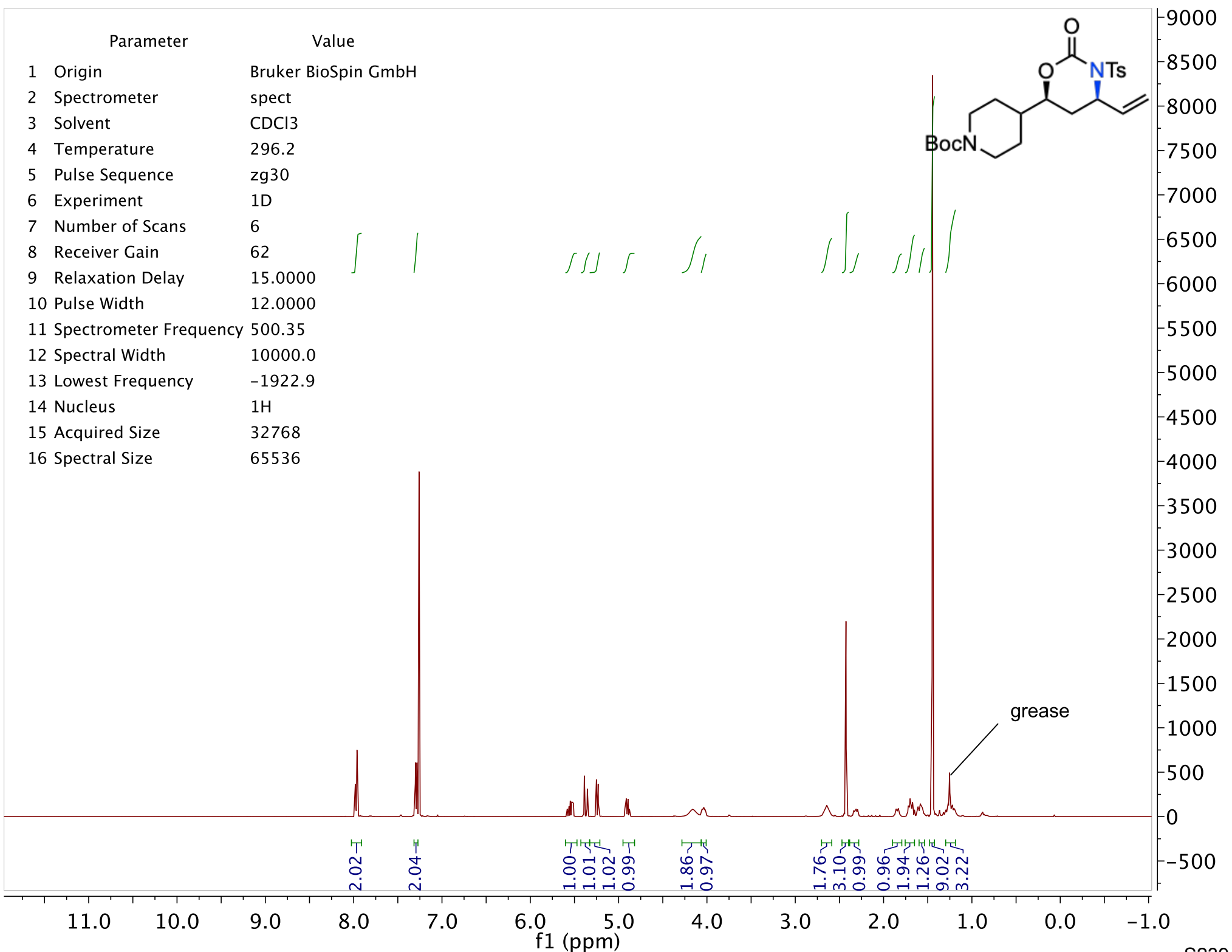
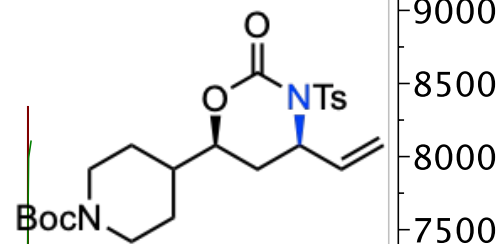
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1906.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



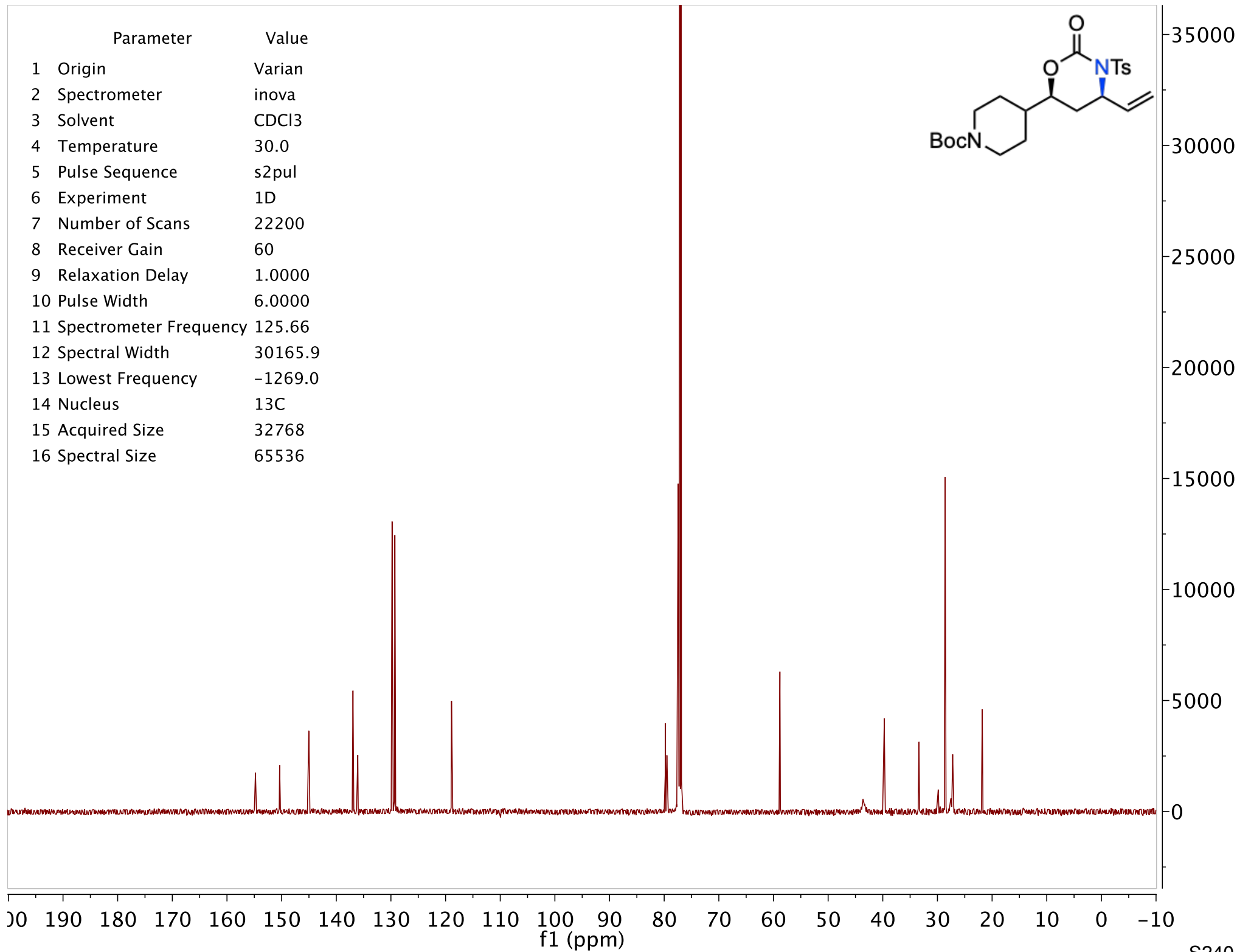
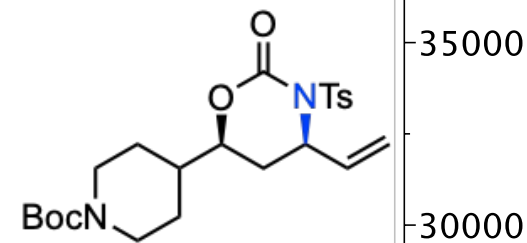
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



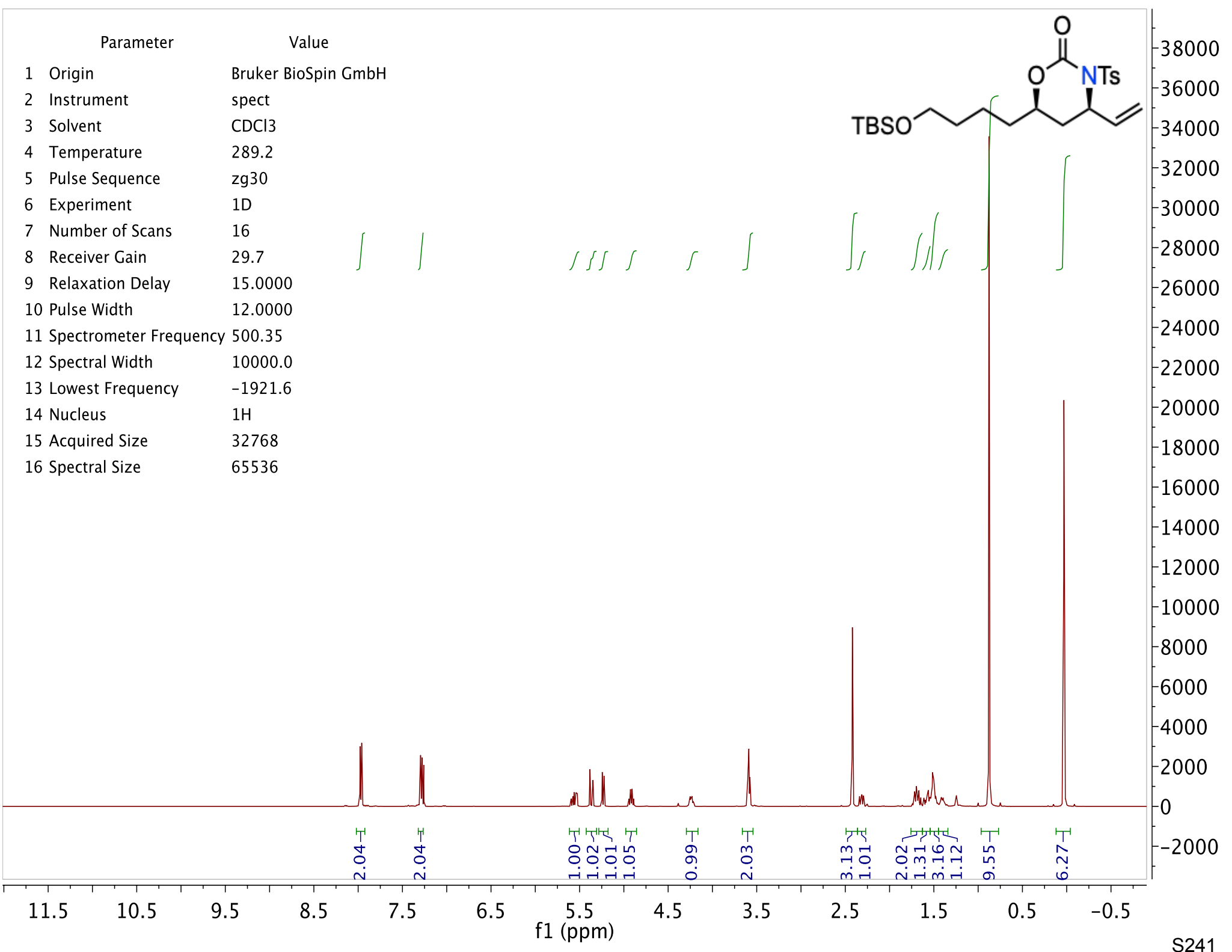
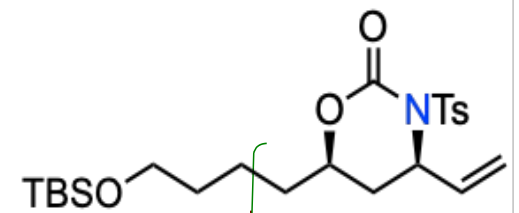
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	62
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



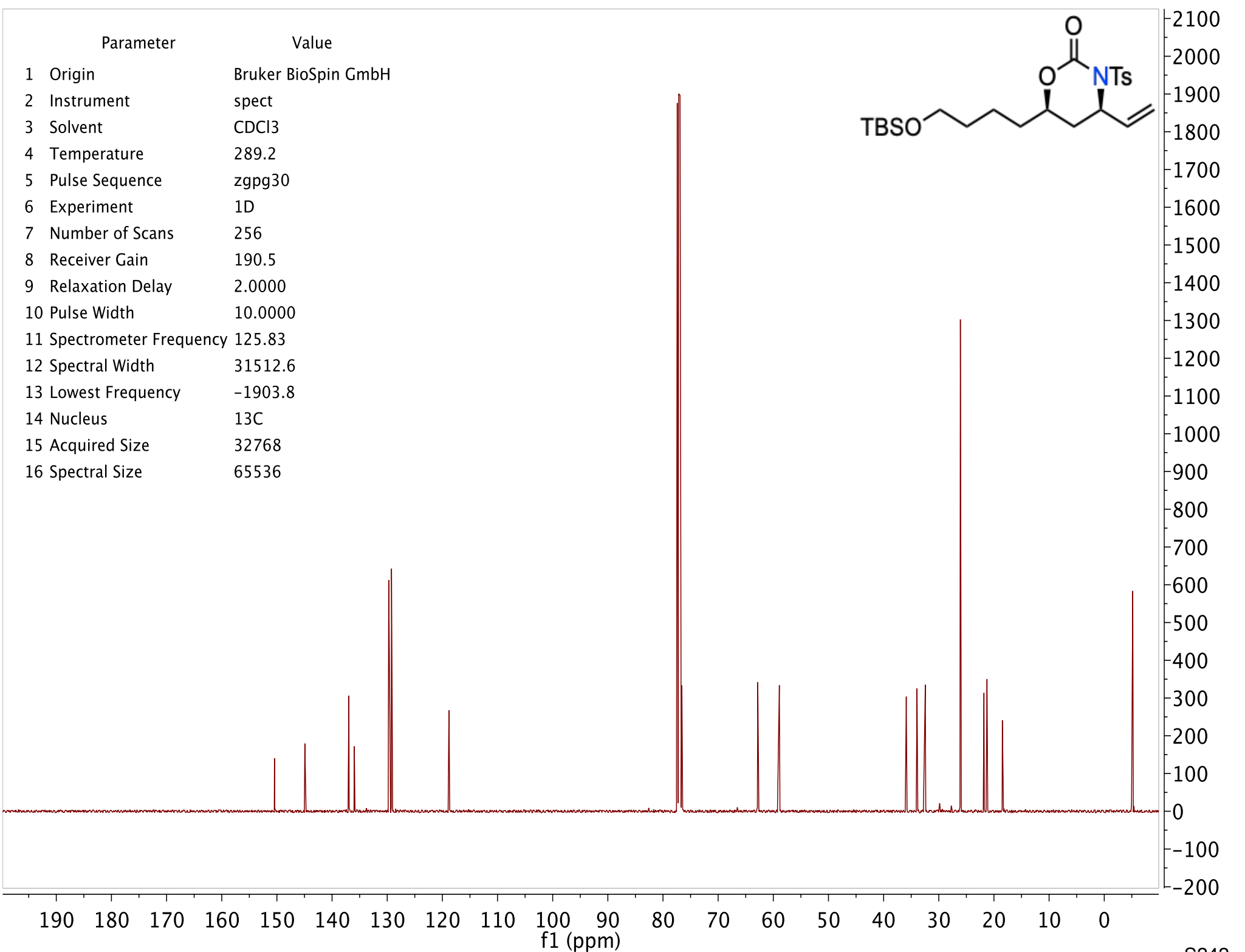
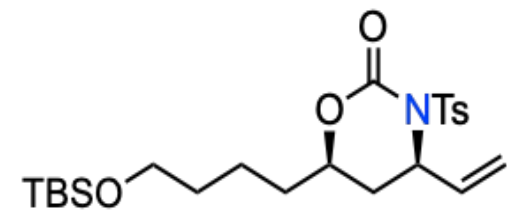
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	30.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	22200
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1269.0
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



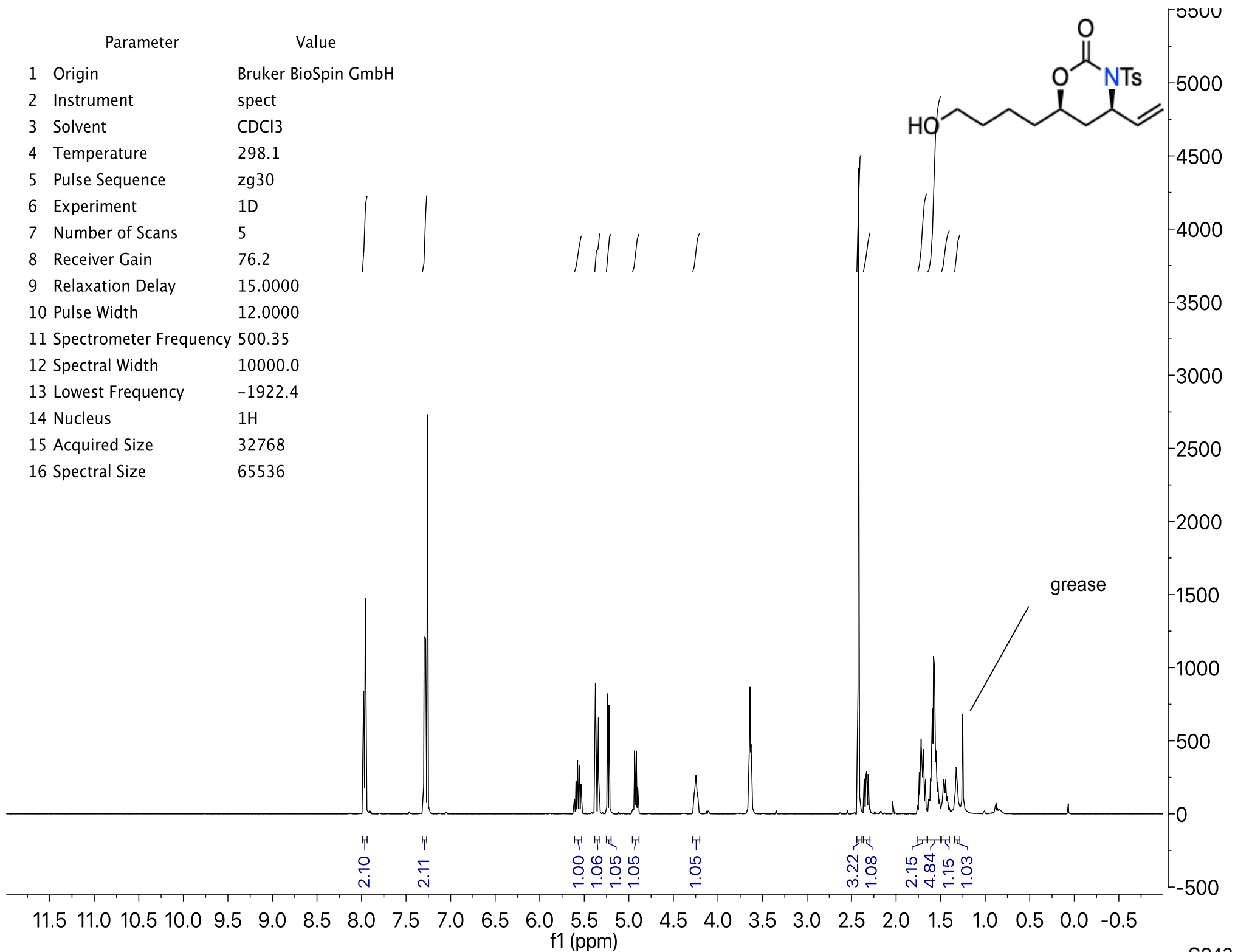
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.6
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



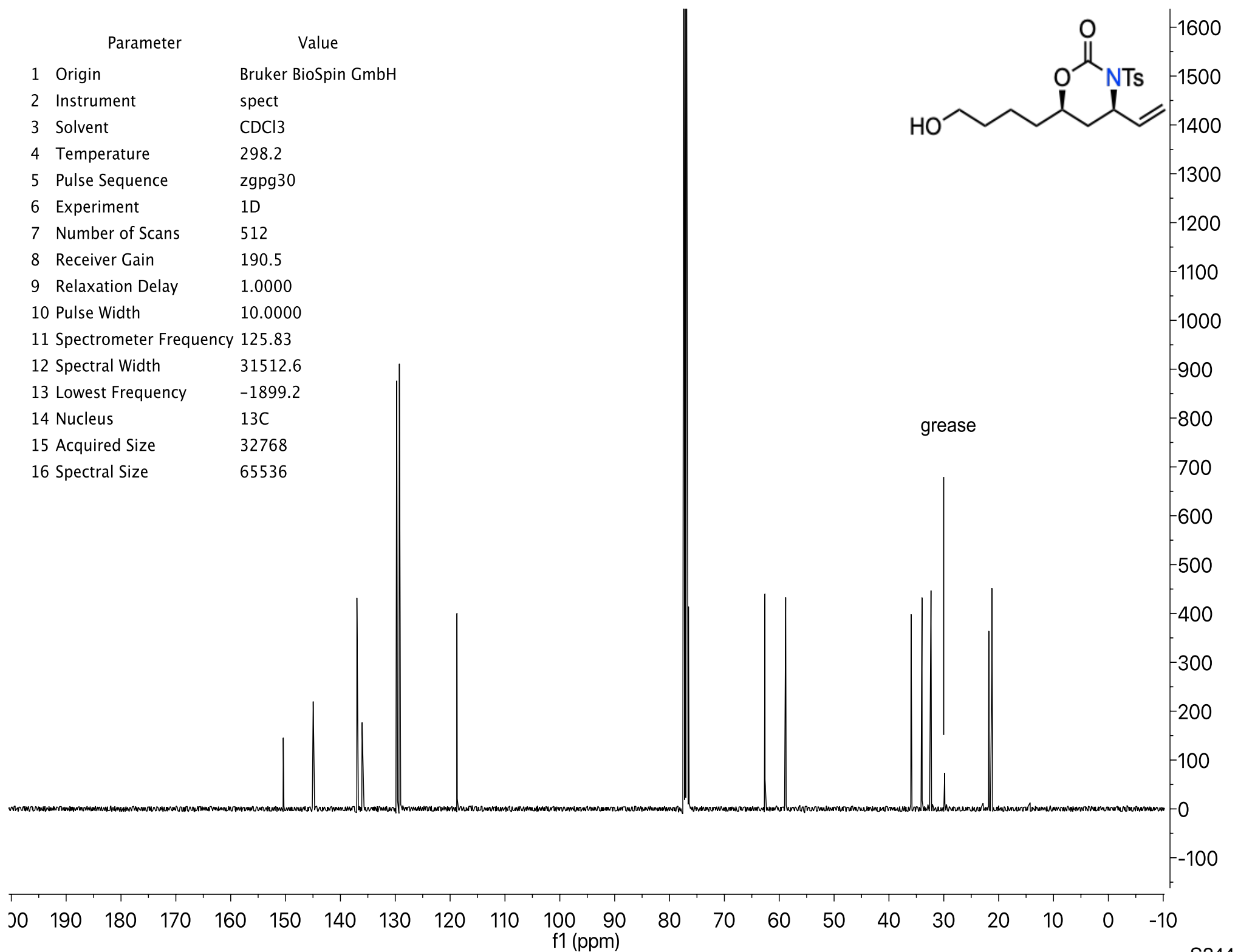
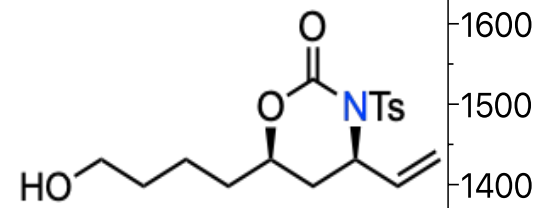
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	256
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.8
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

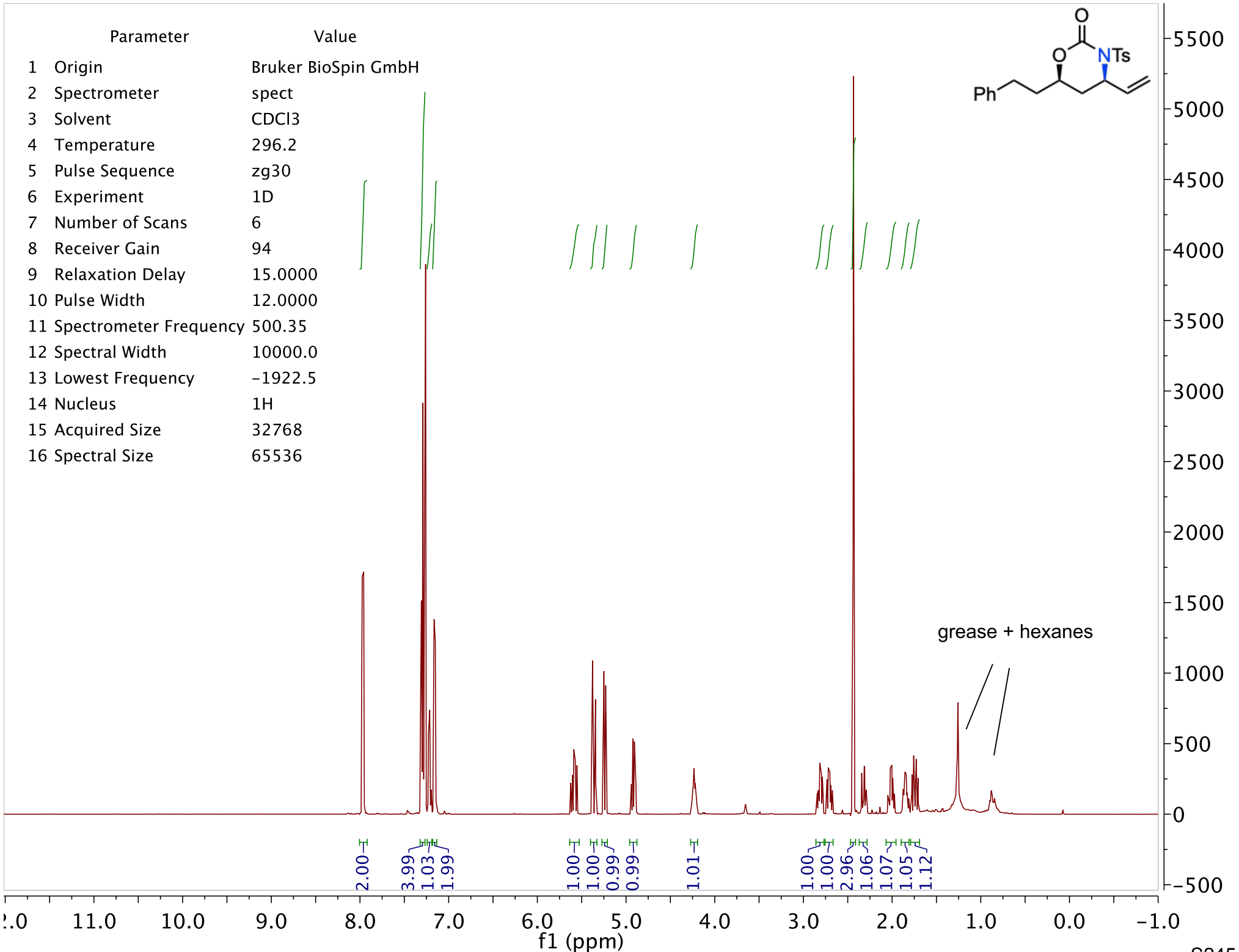


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	5
8 Receiver Gain	76.2
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.4
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536

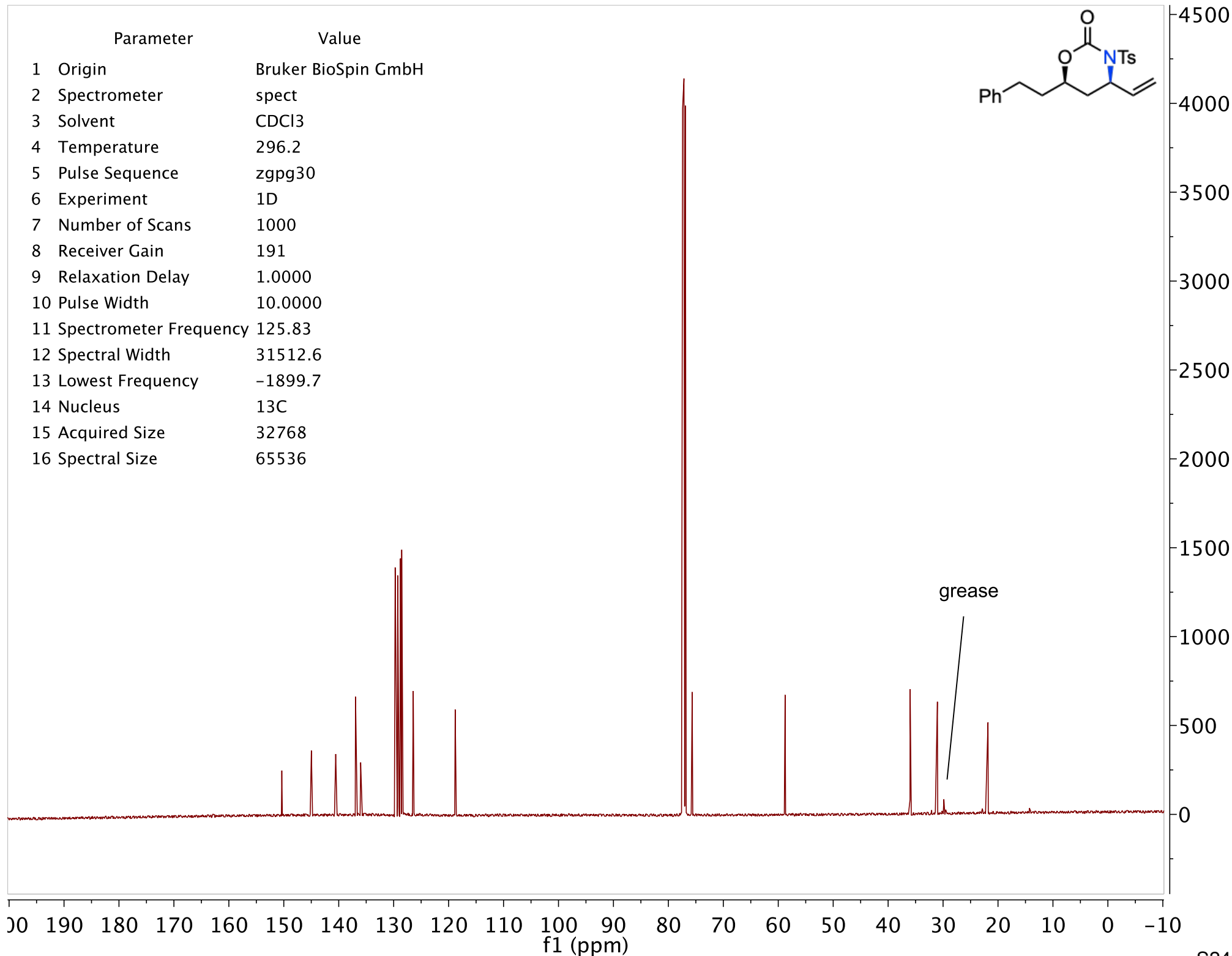
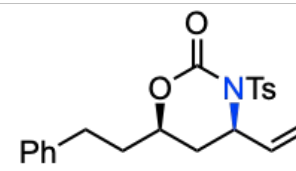


Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	190.5
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536

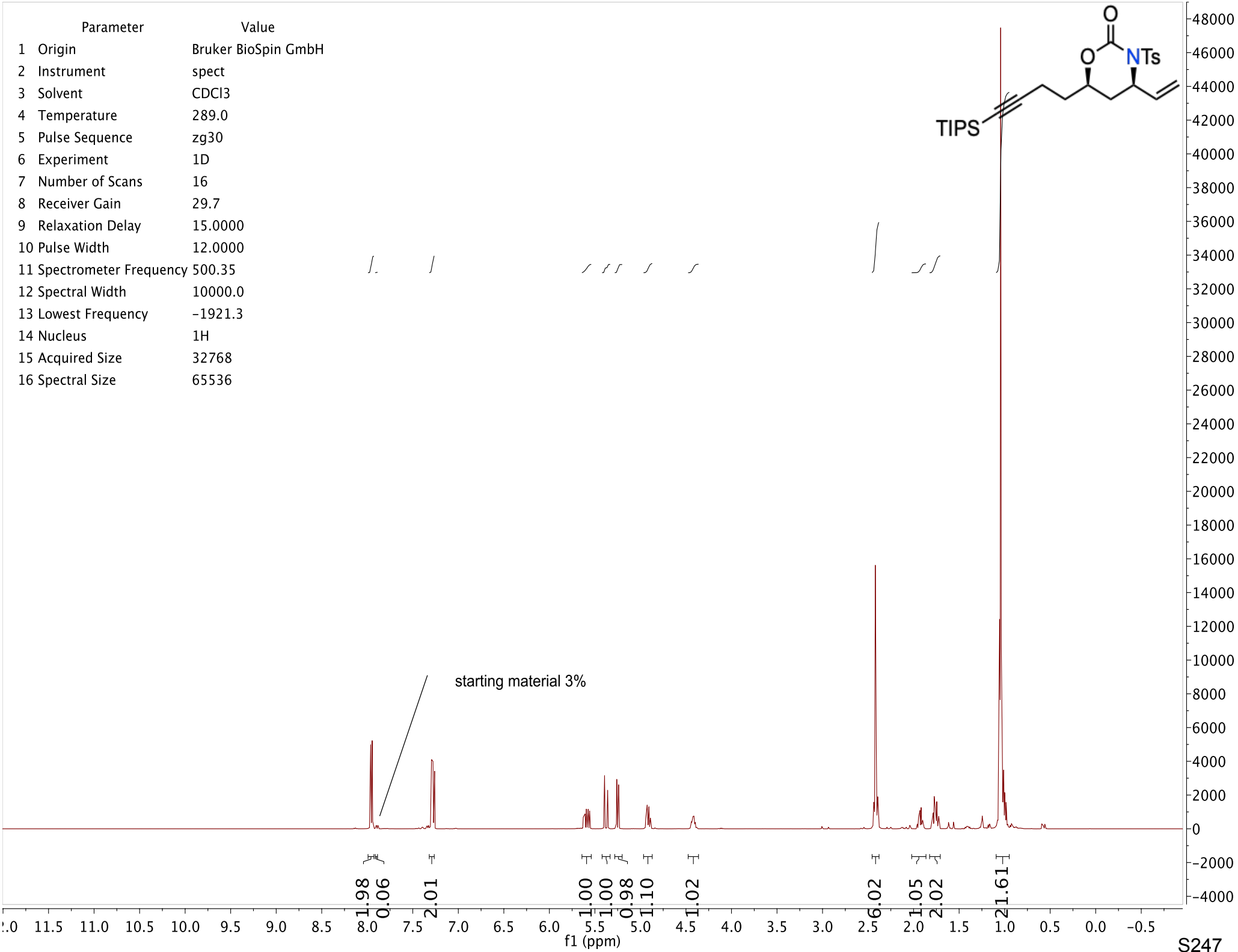
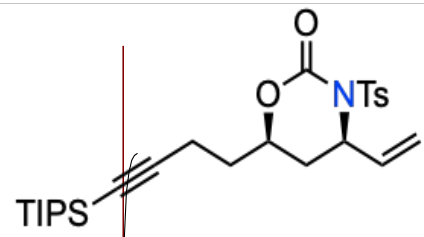




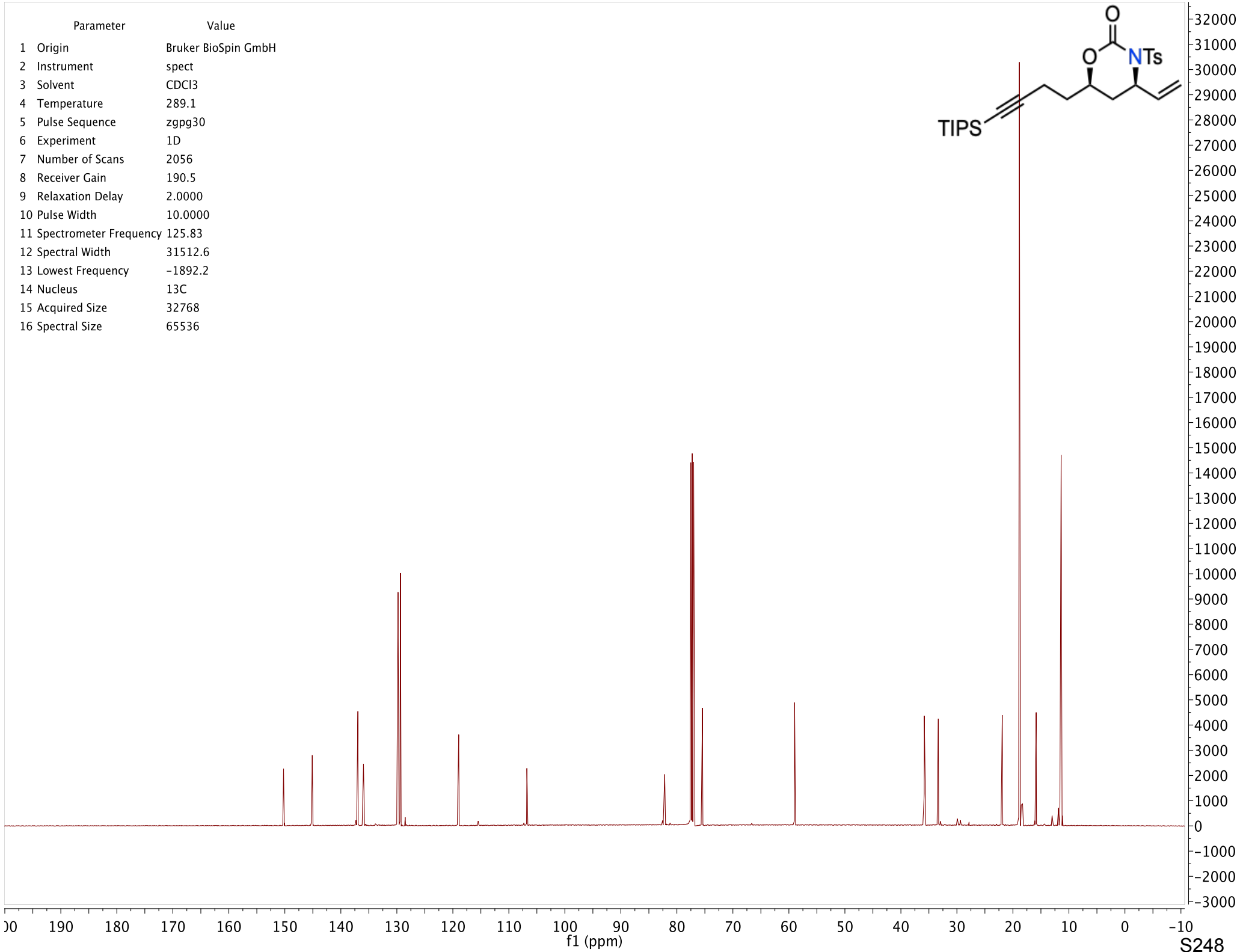
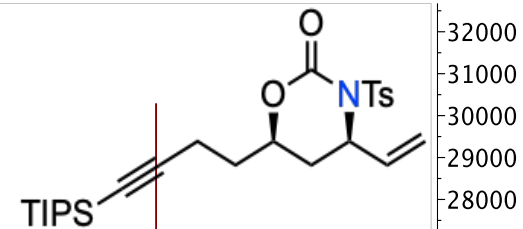
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1000
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1899.7
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



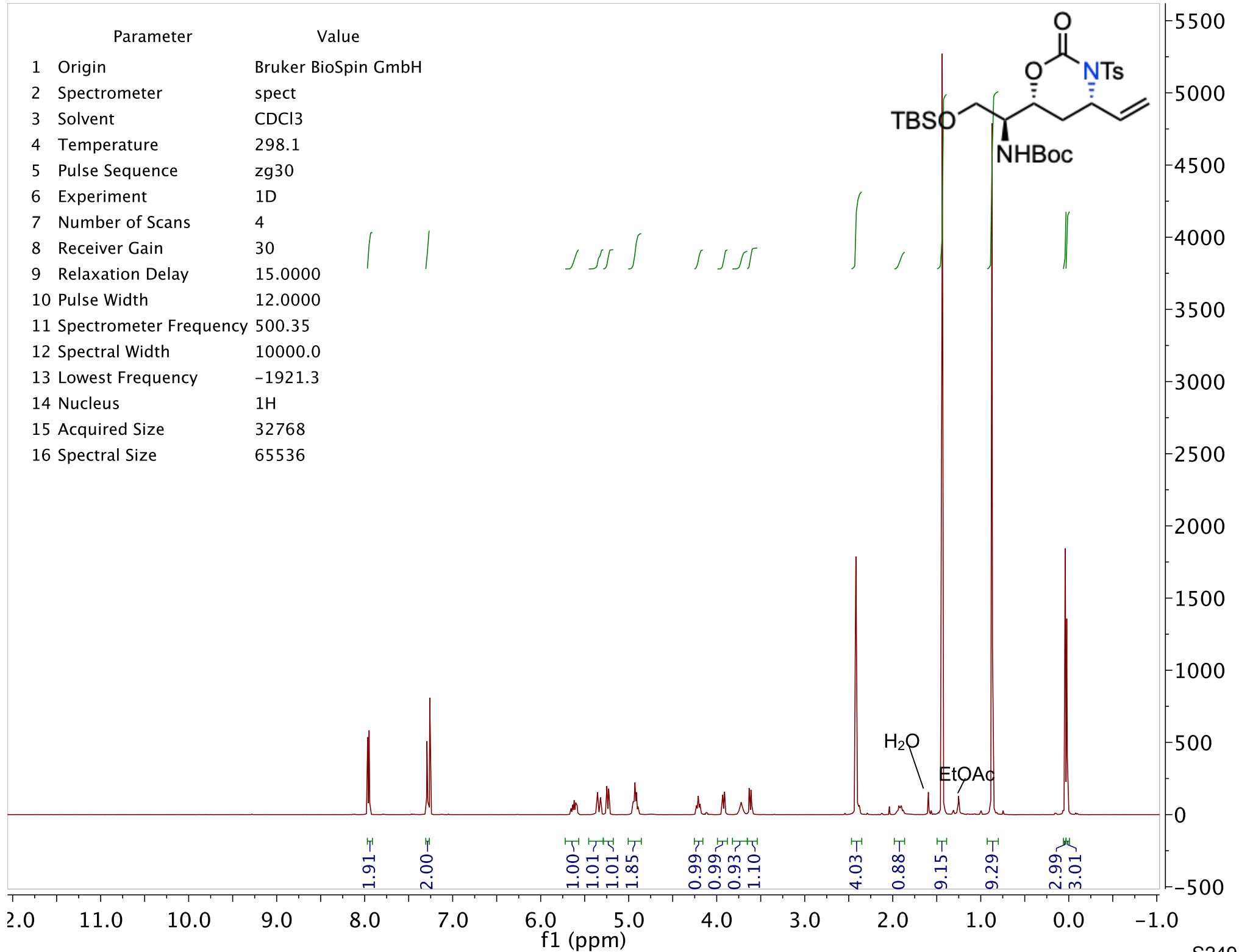
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.0
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	16
8 Receiver Gain	29.7
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



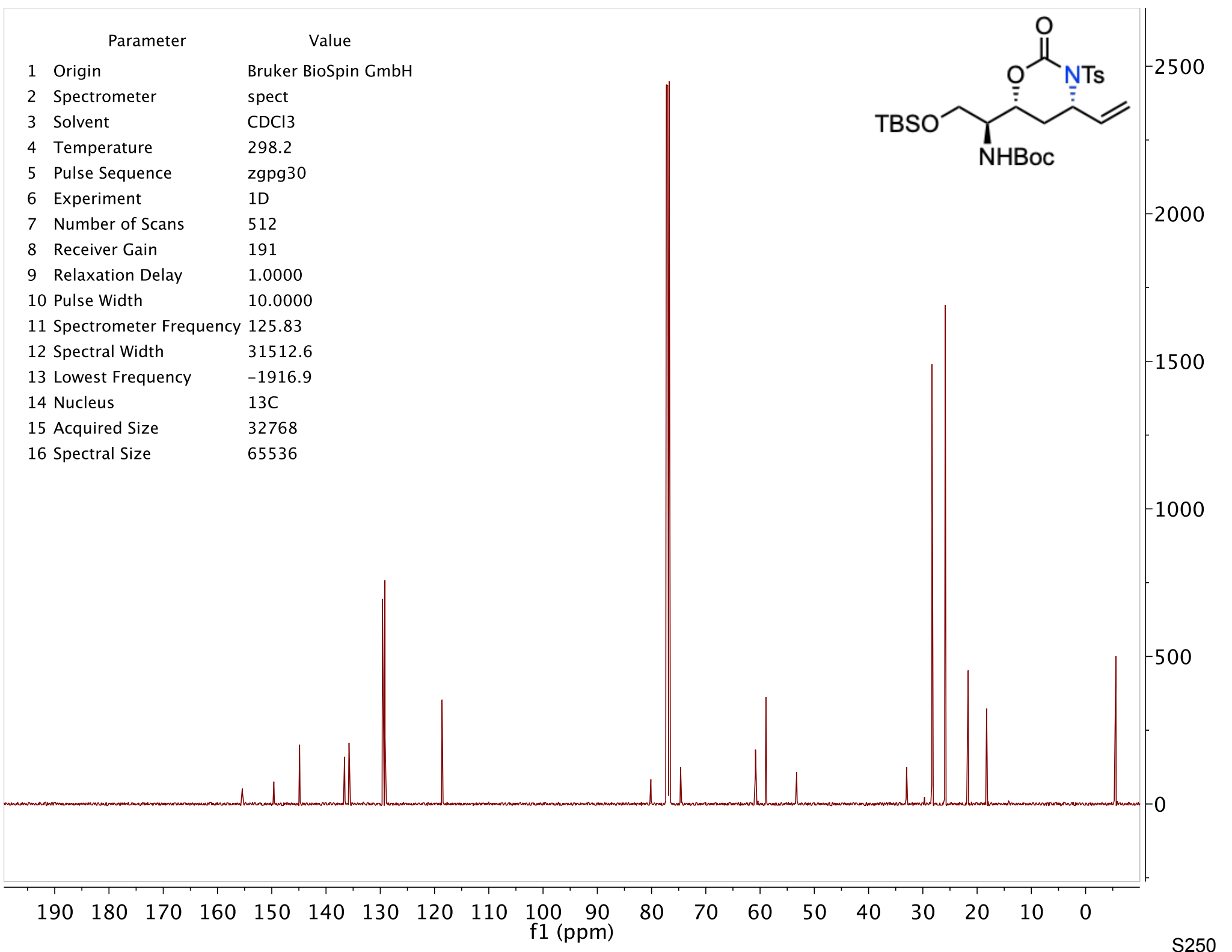
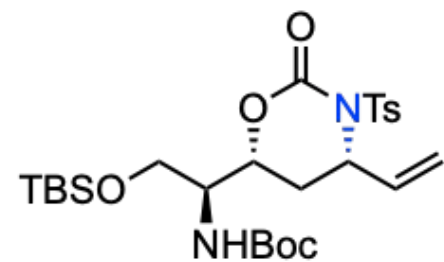
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Instrument	spect
3 Solvent	CDCl3
4 Temperature	289.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2056
8 Receiver Gain	190.5
9 Relaxation Delay	2.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1892.2
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



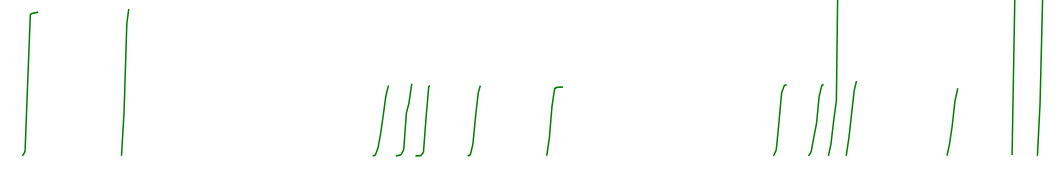
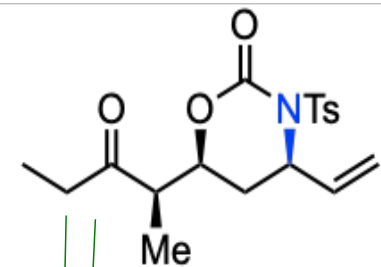
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



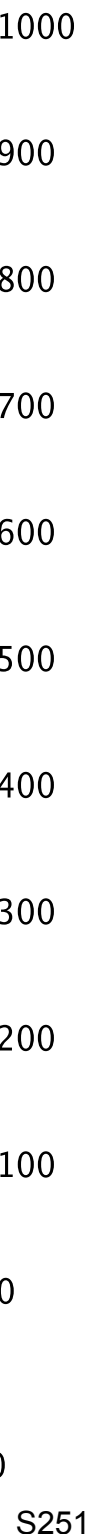
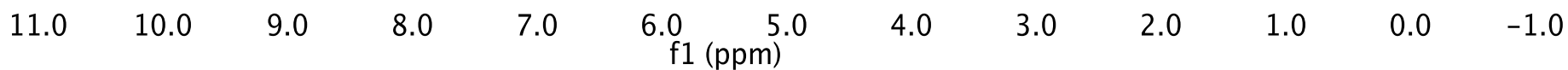
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



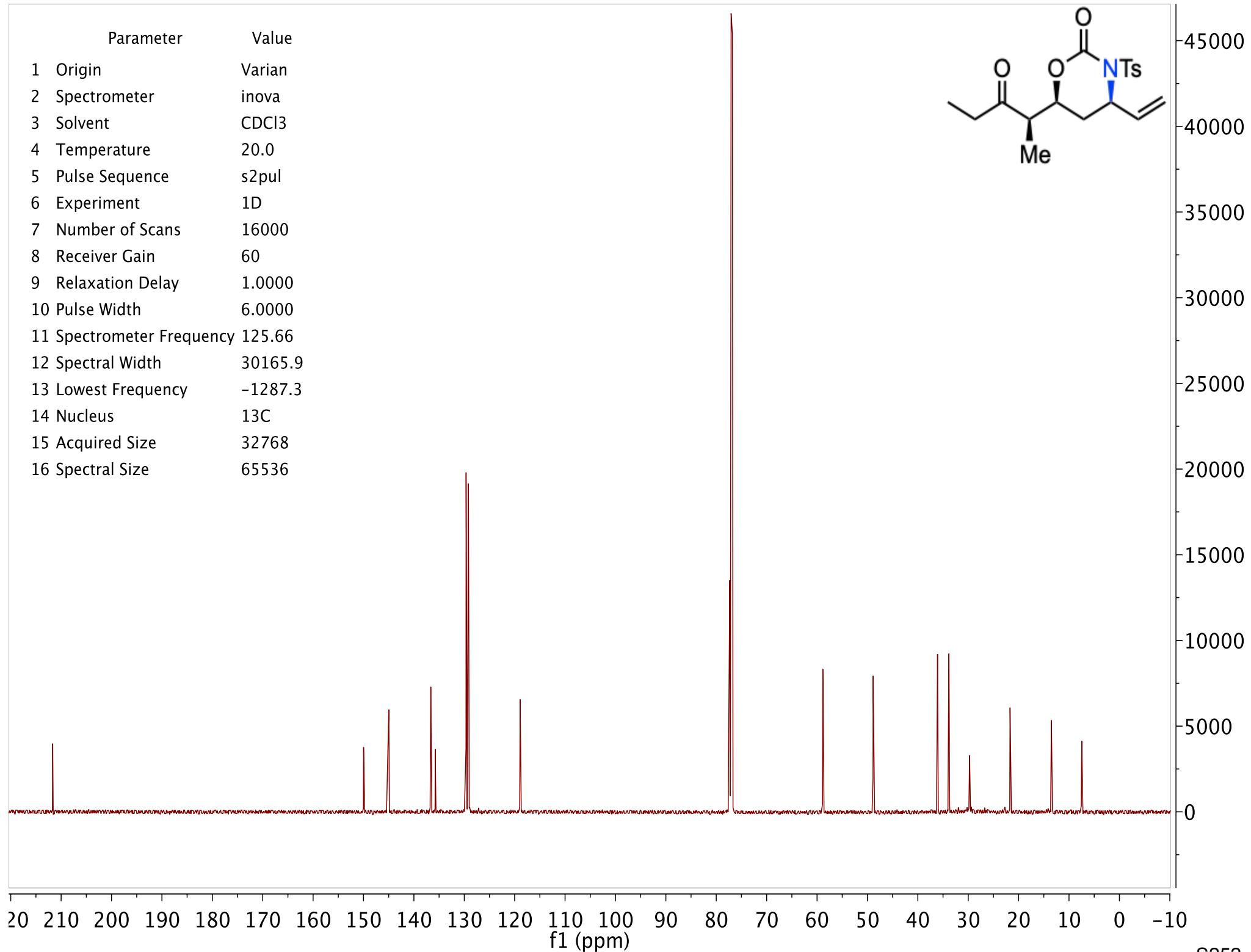
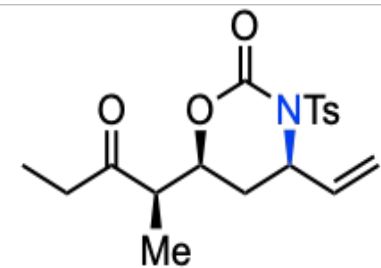
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	8
8 Receiver Gain	58
9 Relaxation Delay	10.0000
10 Pulse Width	6.5000
11 Spectrometer Frequency	499.69
12 Spectral Width	7024.9
13 Lowest Frequency	-1032.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



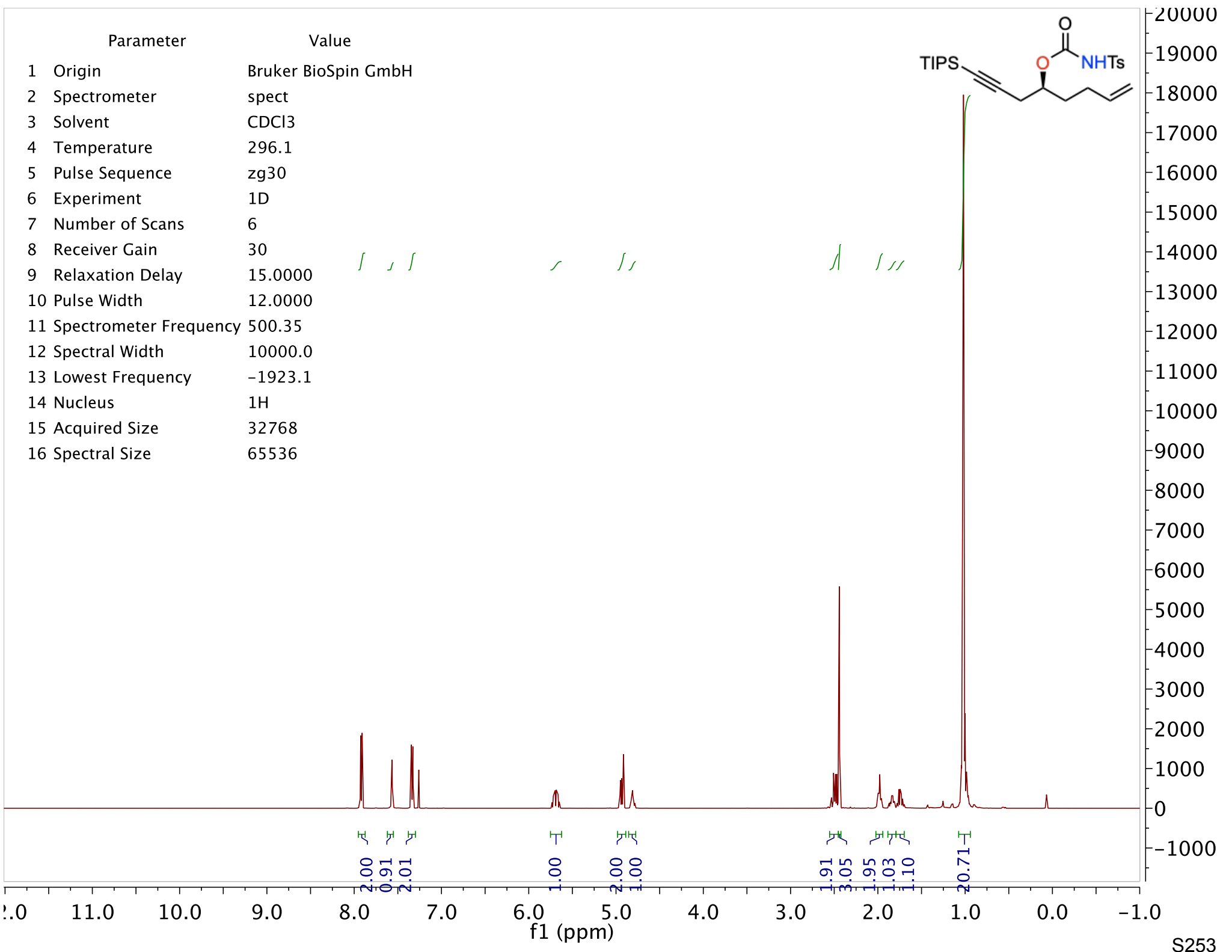
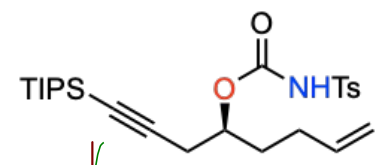
2.04
2.09
1.00
1.02
1.00
1.00
0.98
1.01
1.02
4.12
1.06
0.96
3.16
3.11



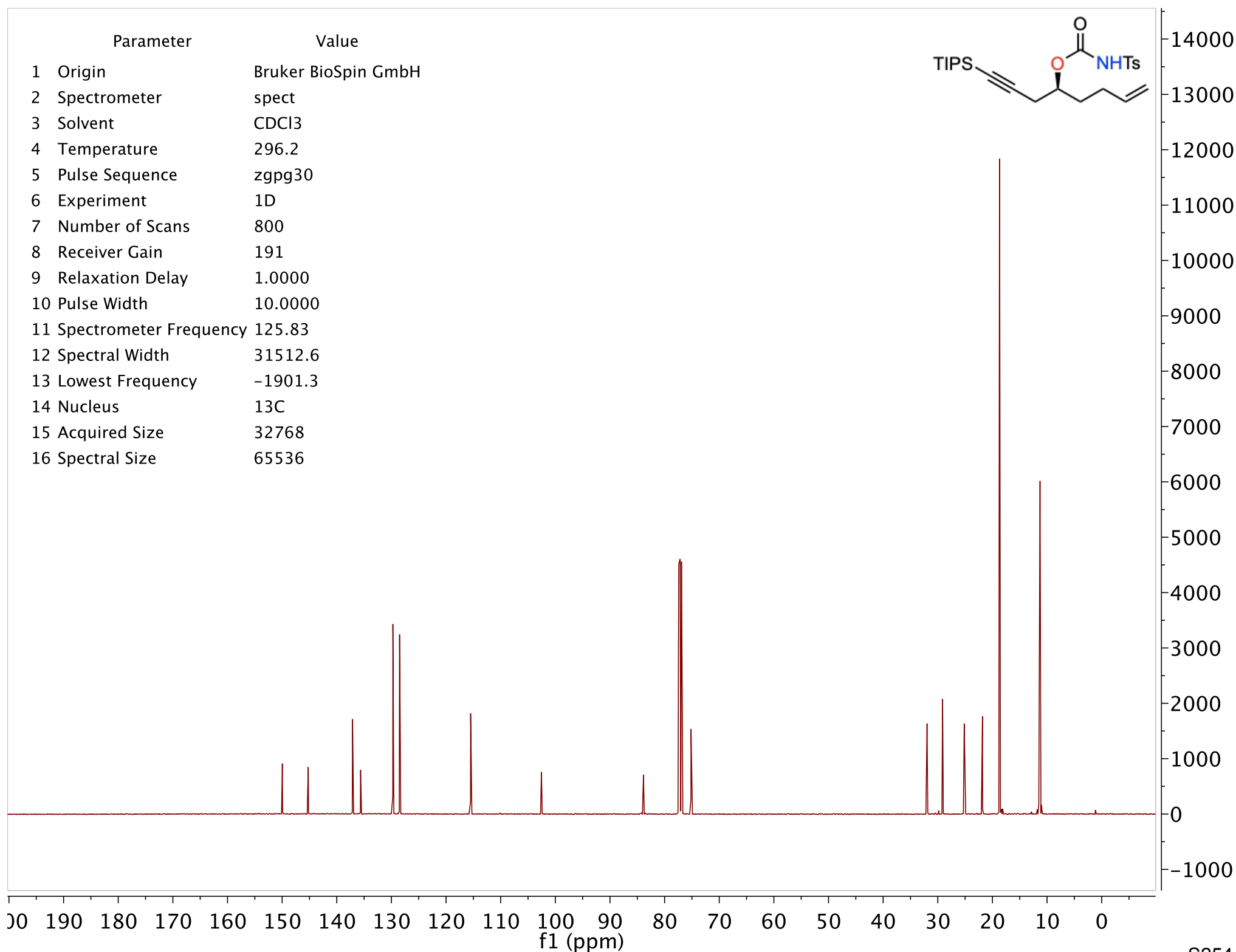
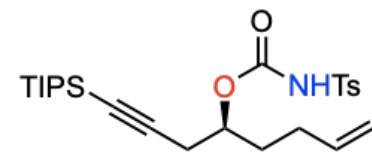
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	16000
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1287.3
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



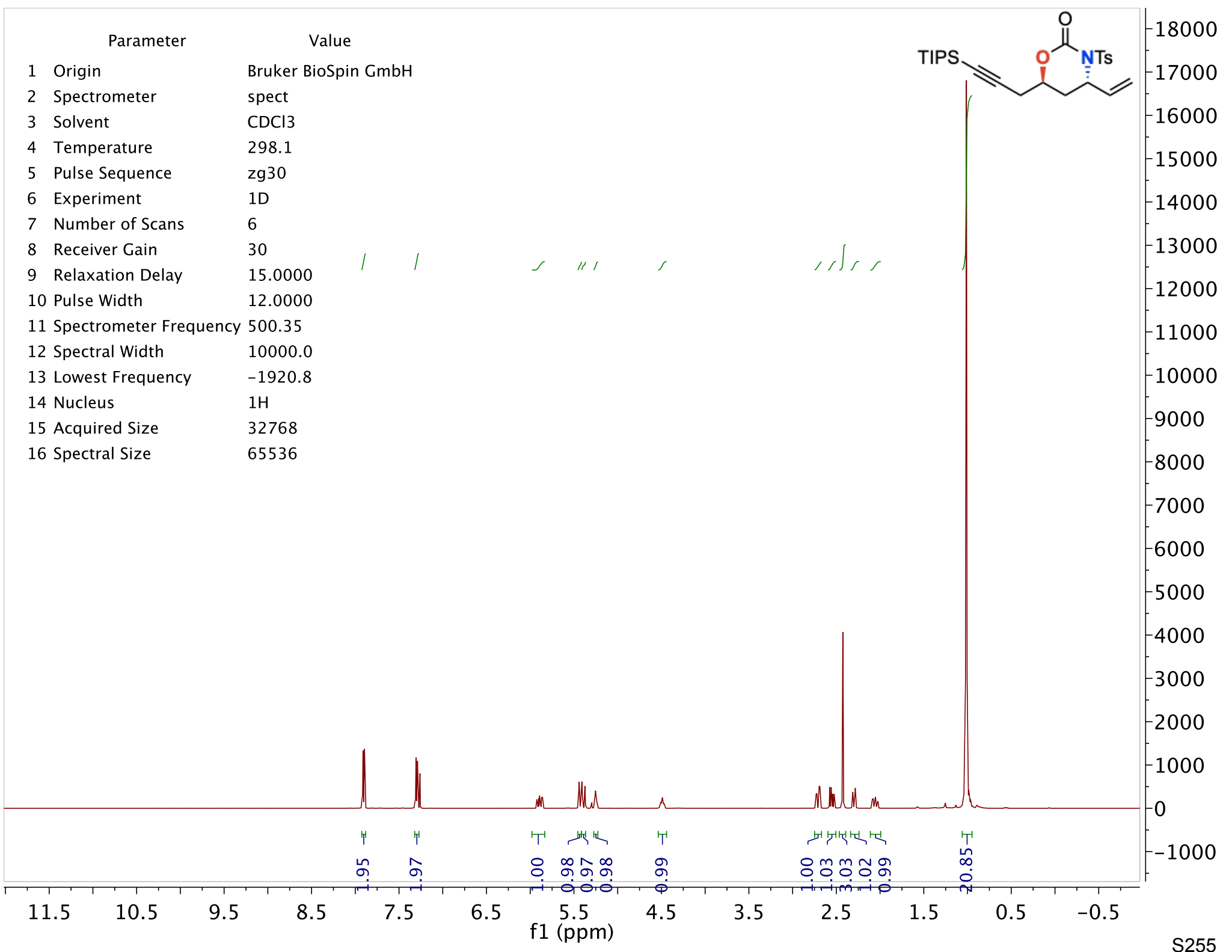
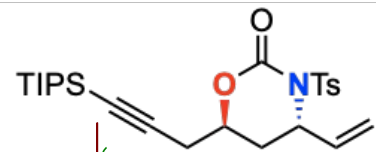
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1923.1
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



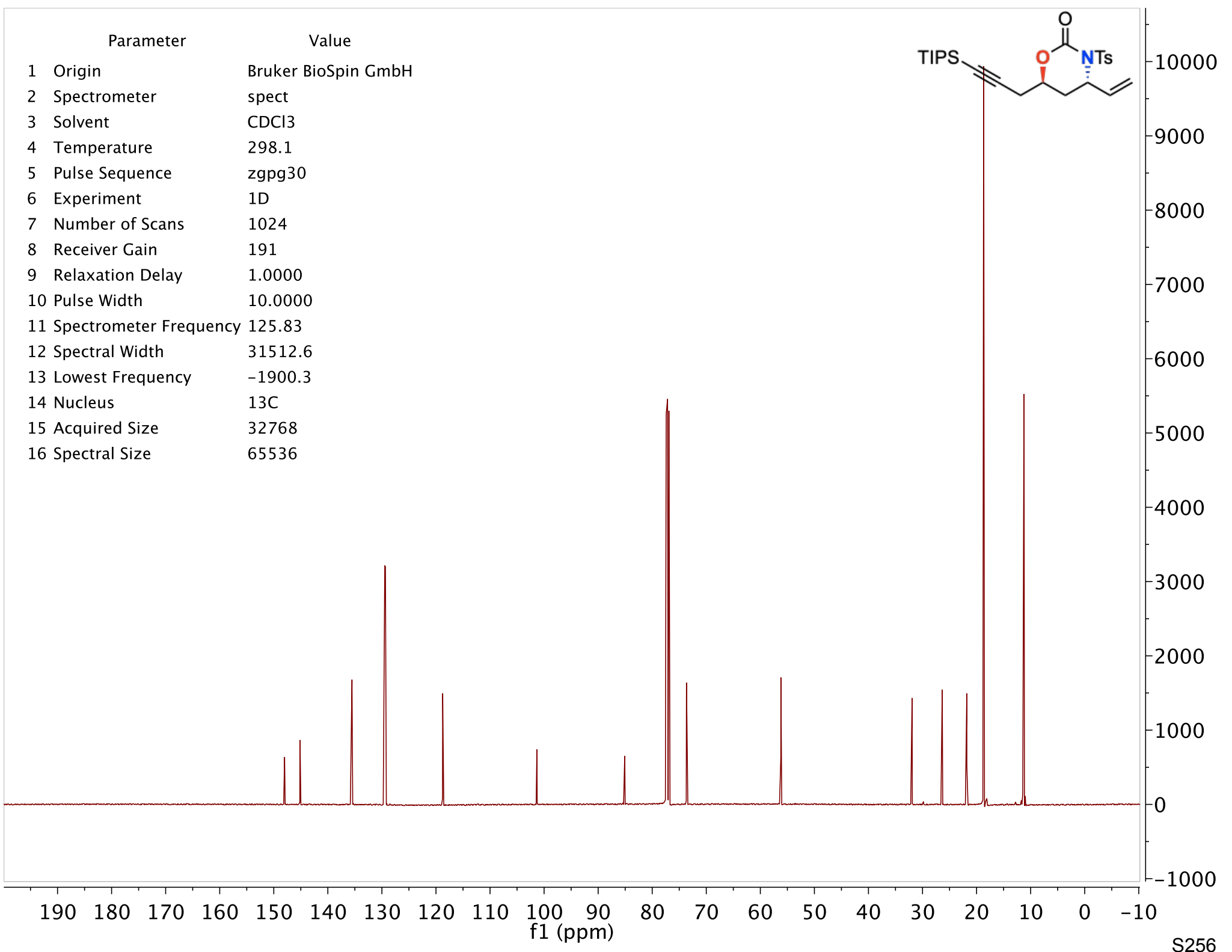
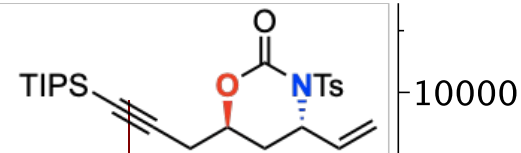
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.3
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



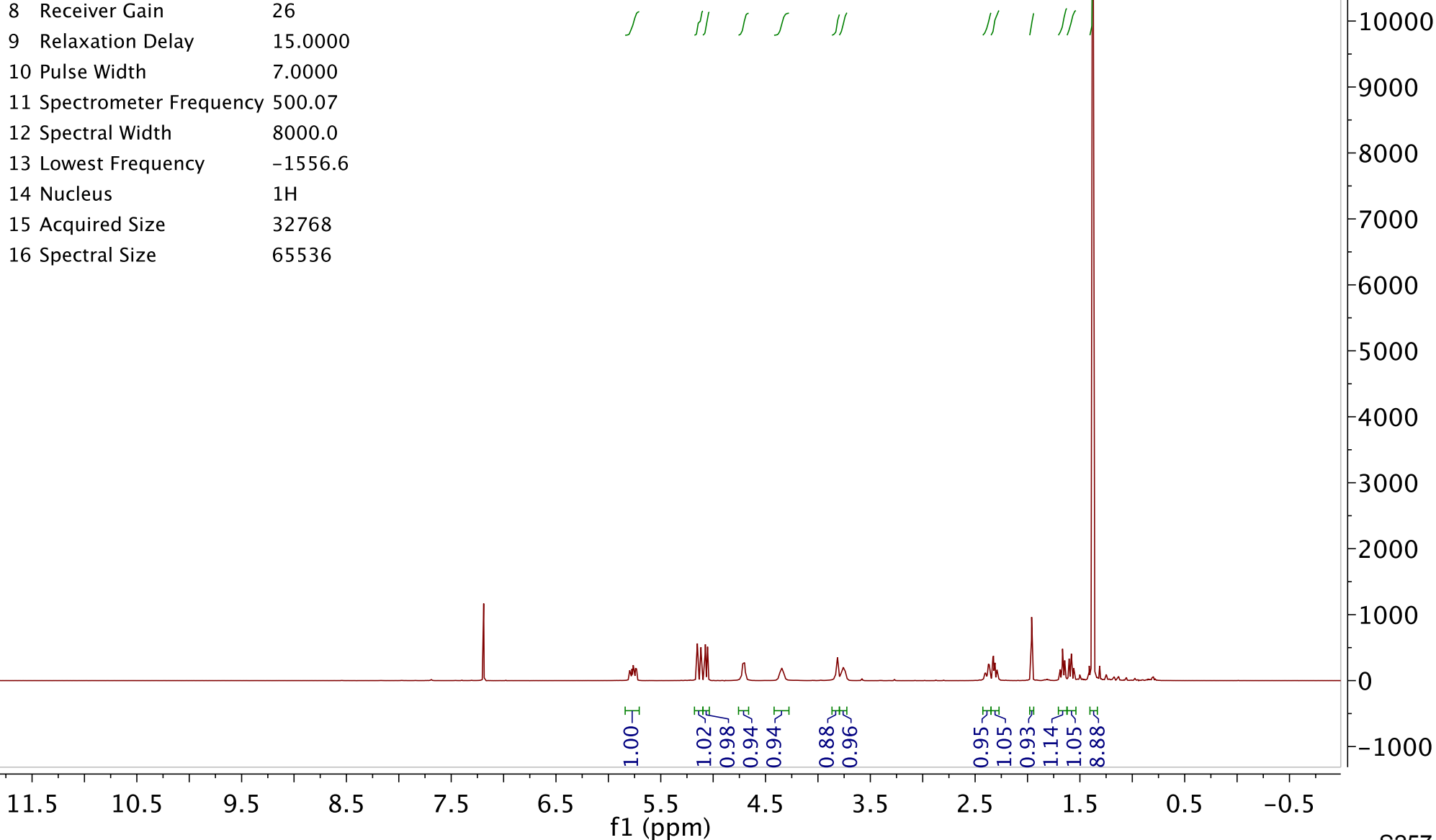
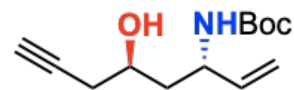
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1920.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



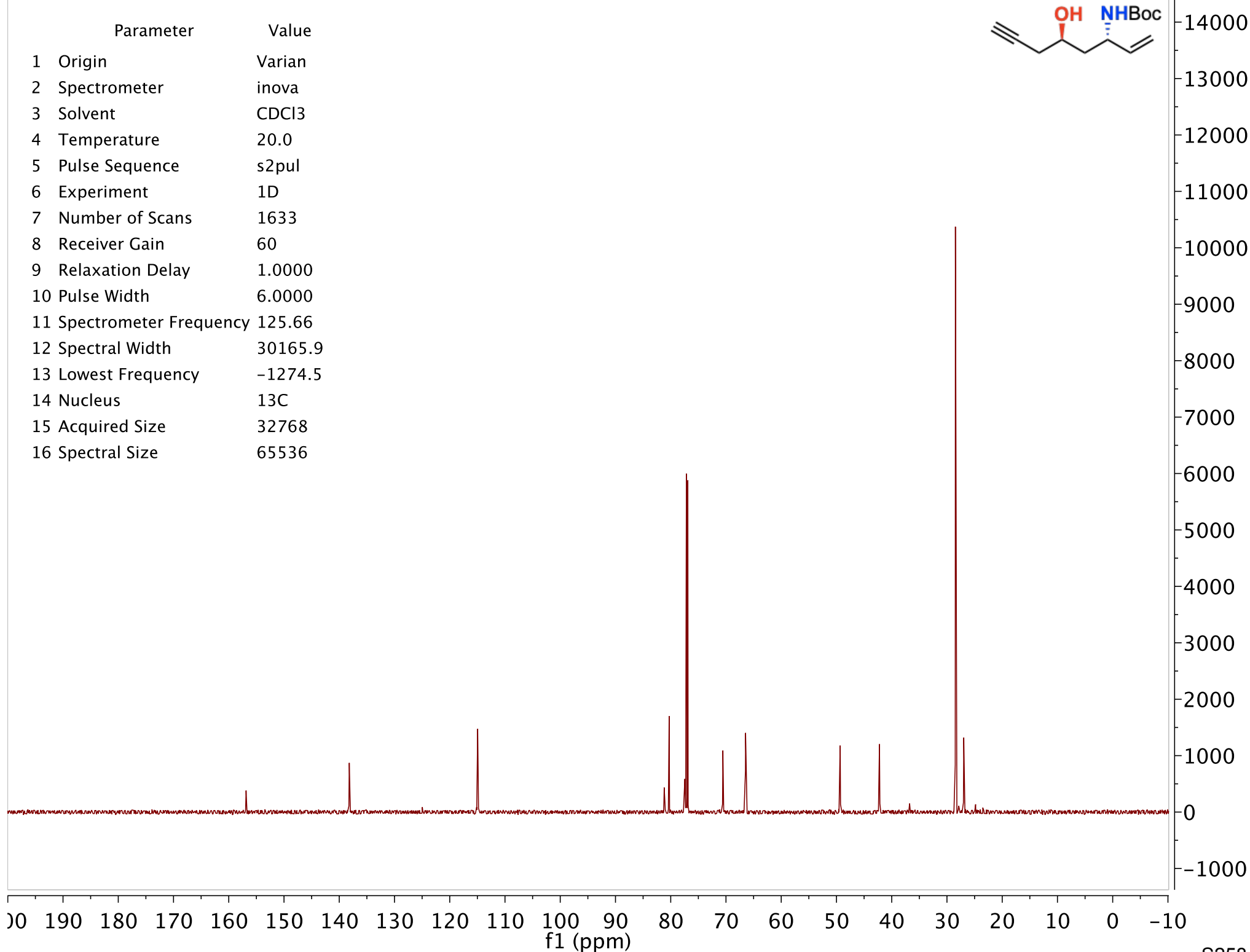
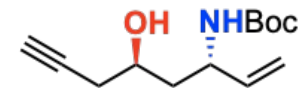
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.3
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



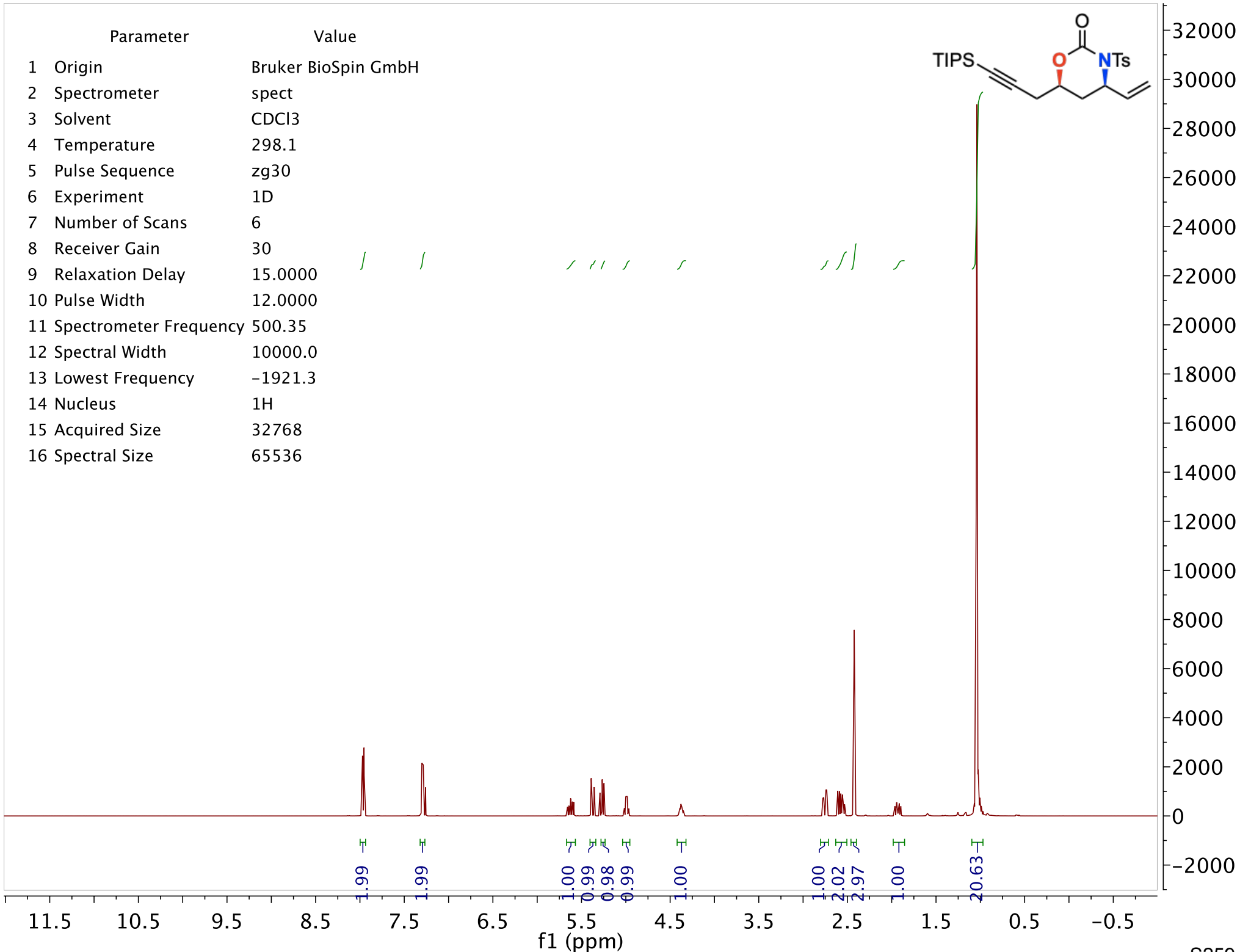
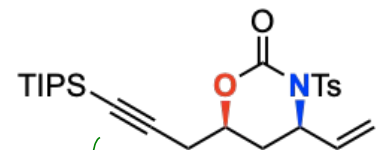
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	26
9 Relaxation Delay	15.0000
10 Pulse Width	7.0000
11 Spectrometer Frequency	500.07
12 Spectral Width	8000.0
13 Lowest Frequency	-1556.6
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



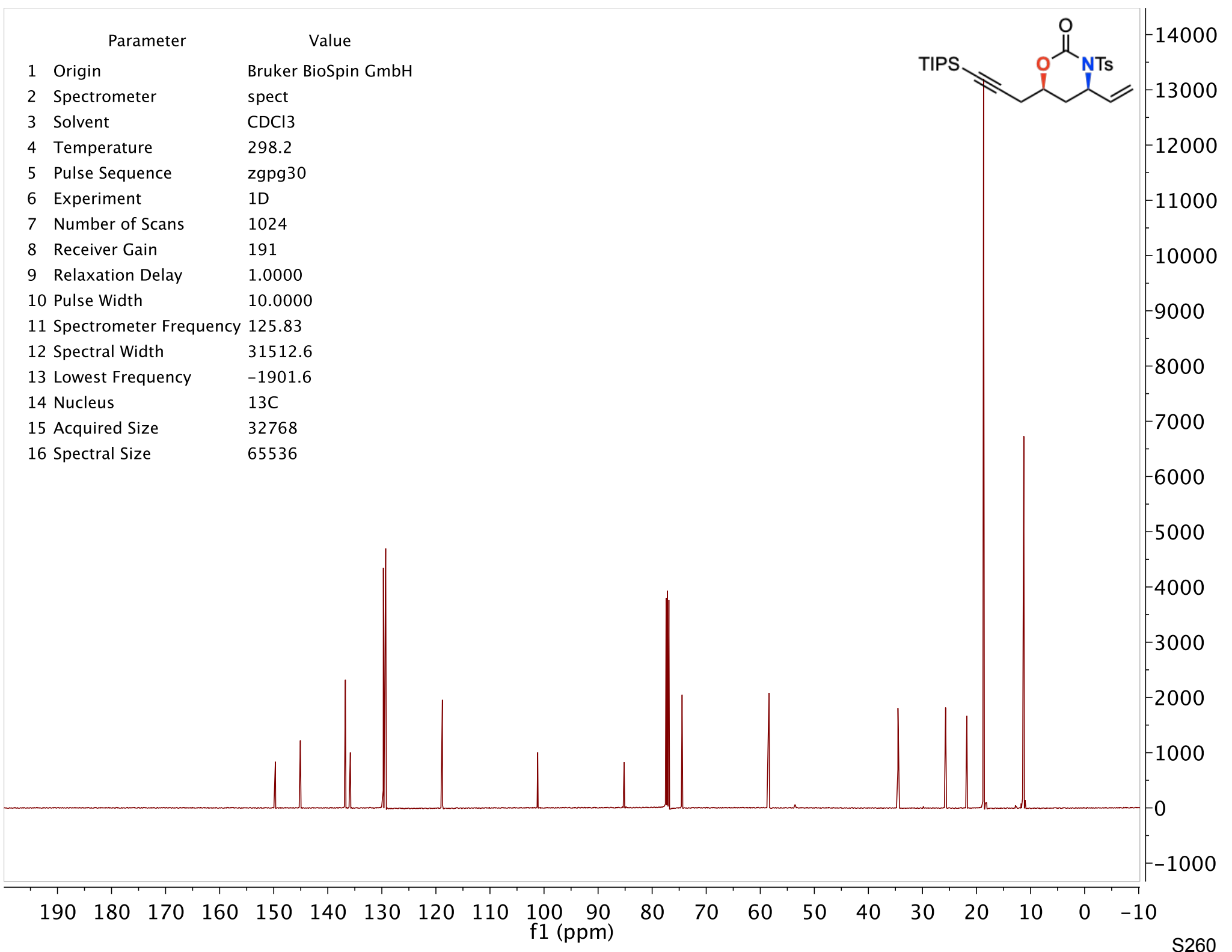
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	1633
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1274.5
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



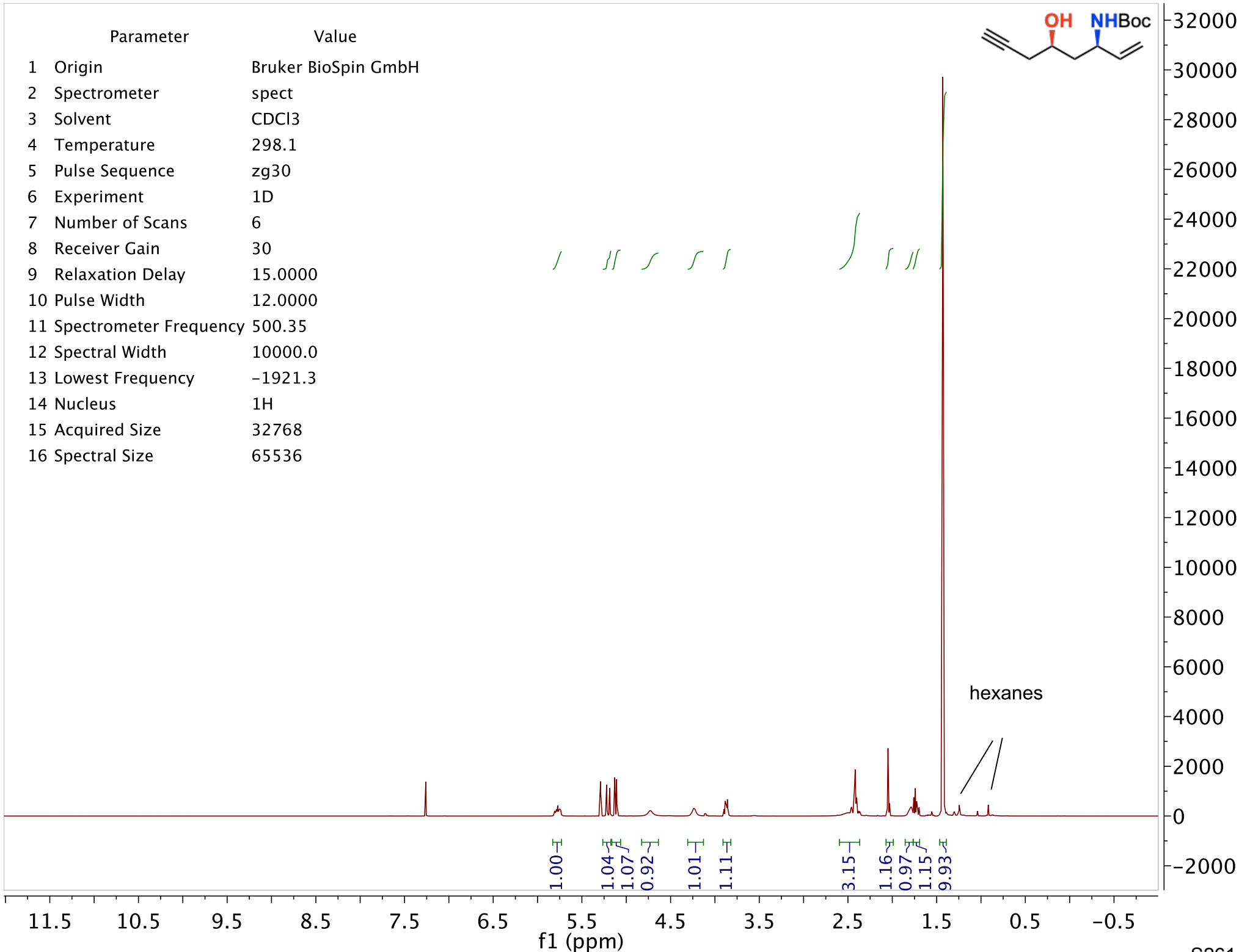
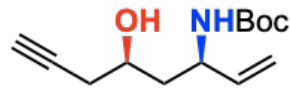
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



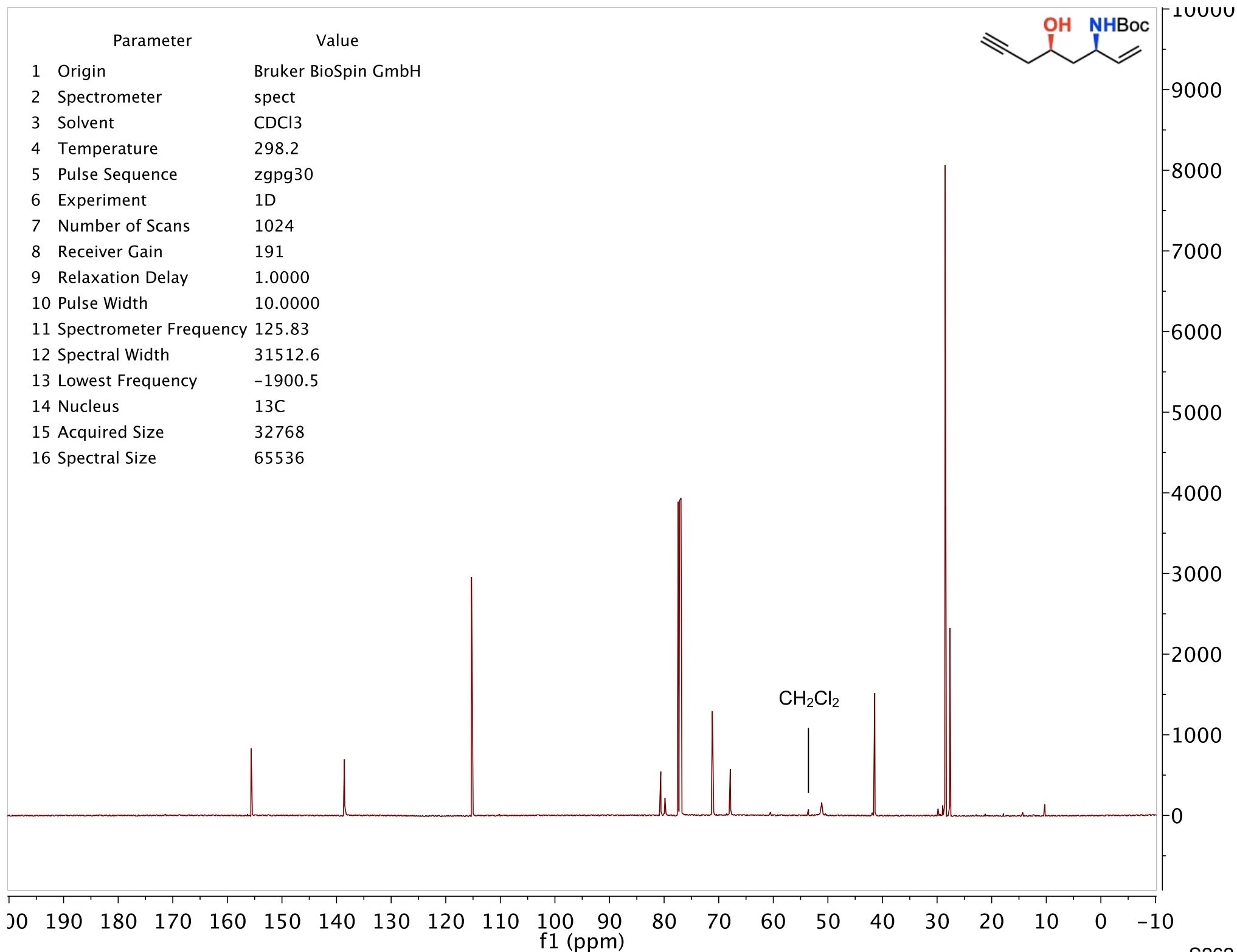
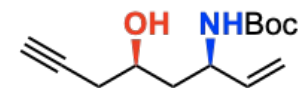
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.6
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



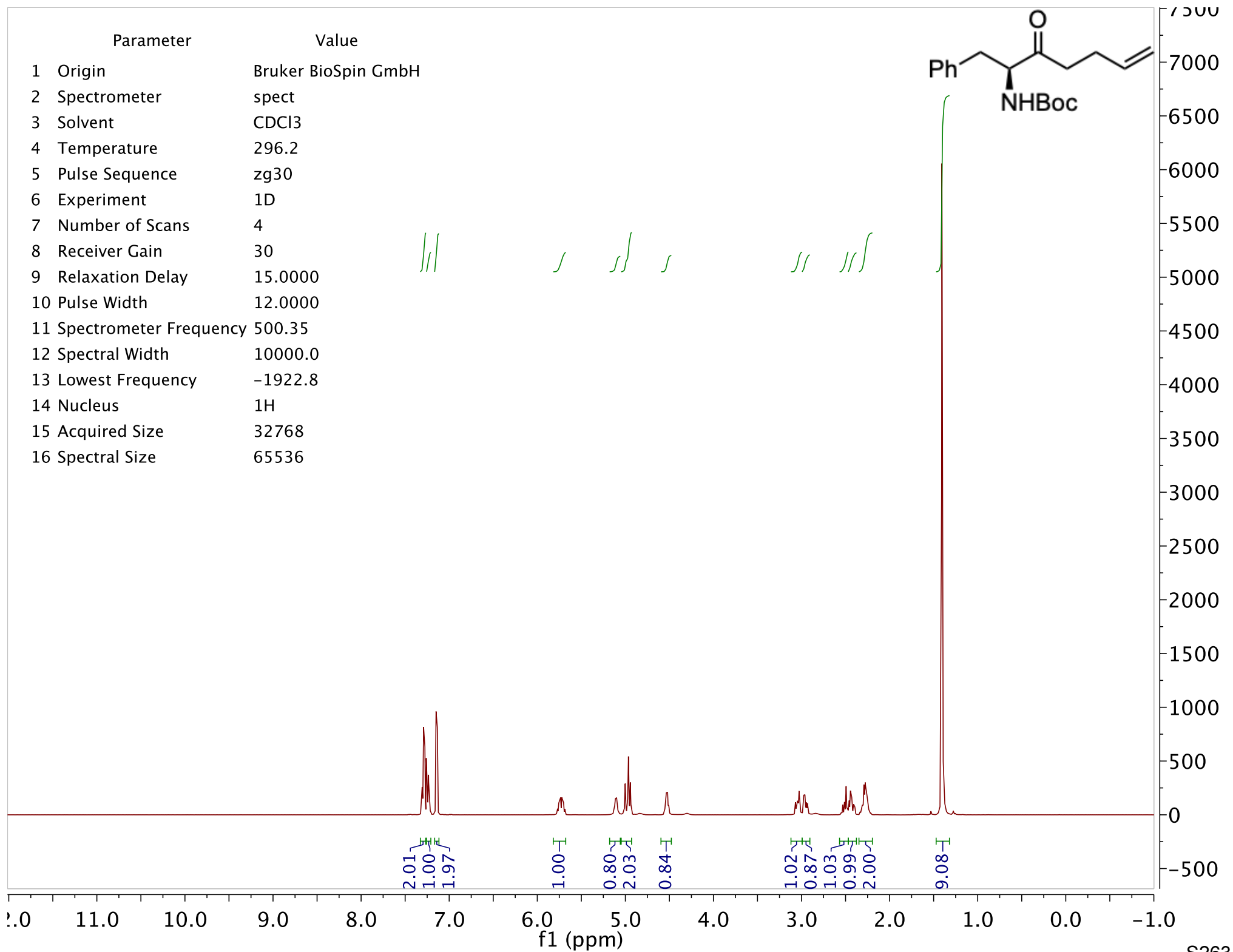
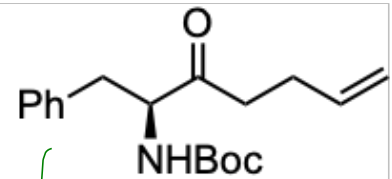
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



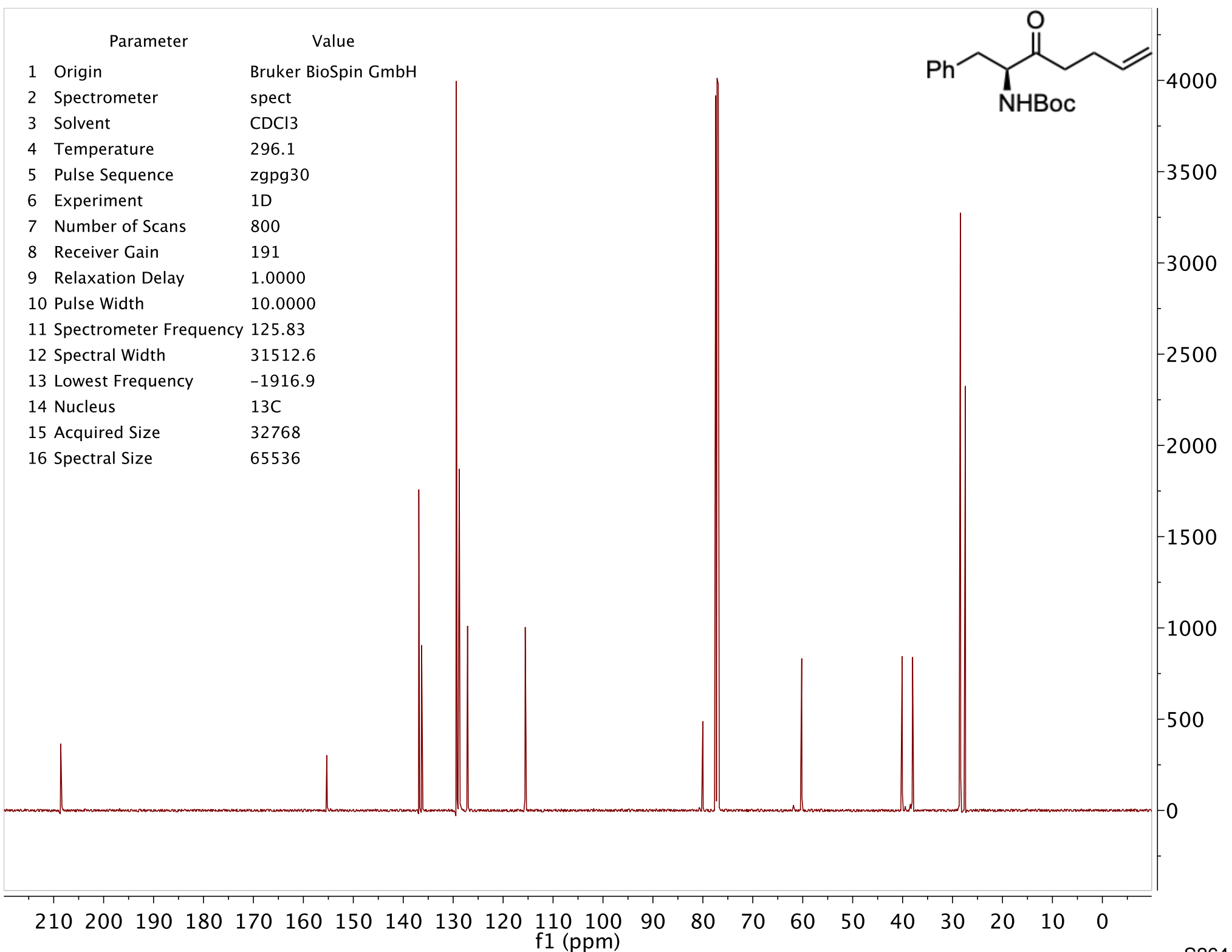
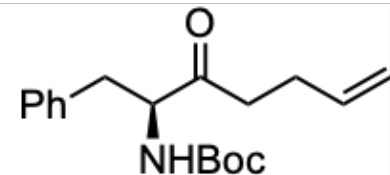
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1024
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.5
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



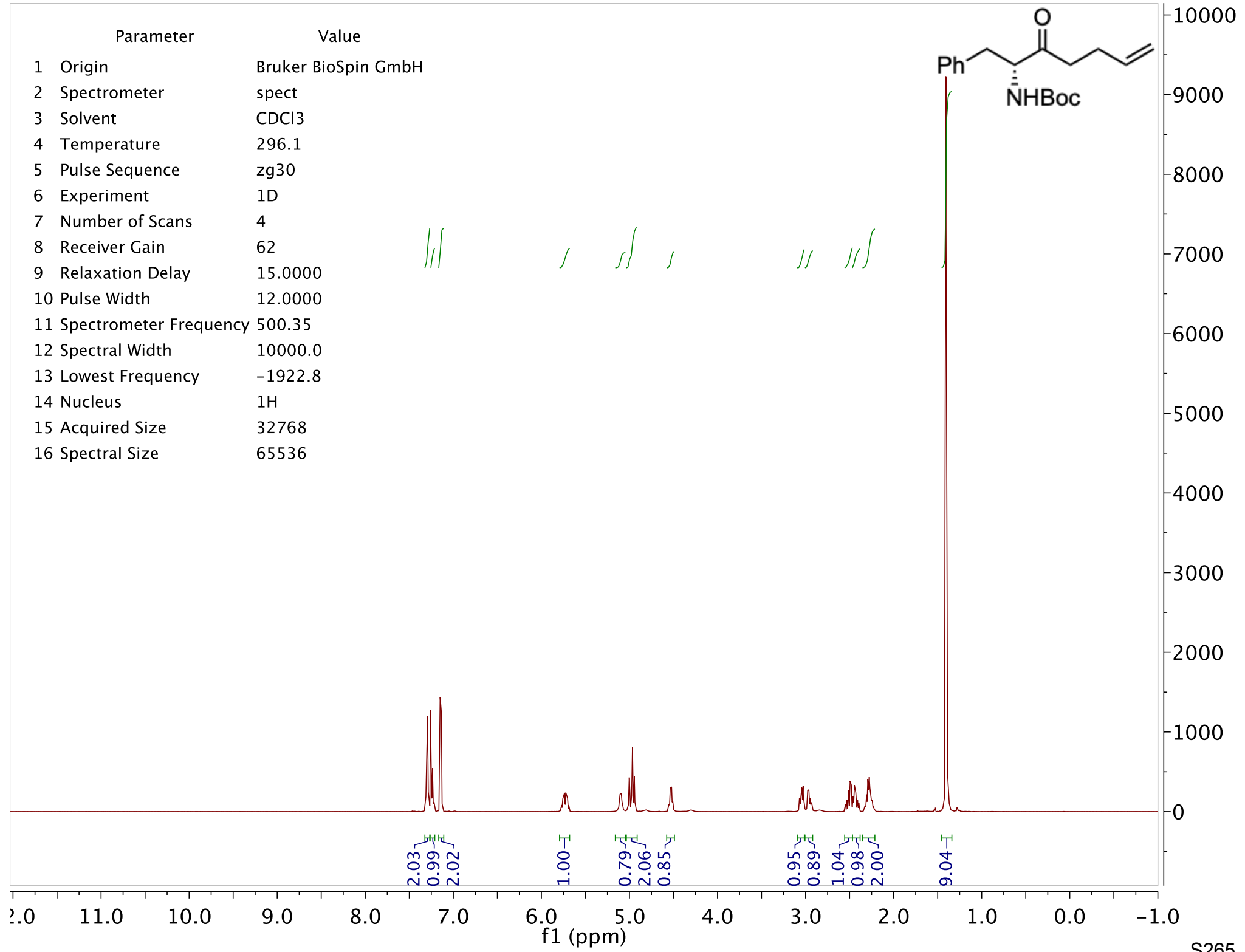
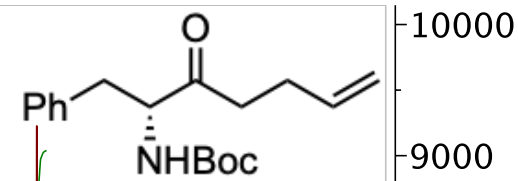
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



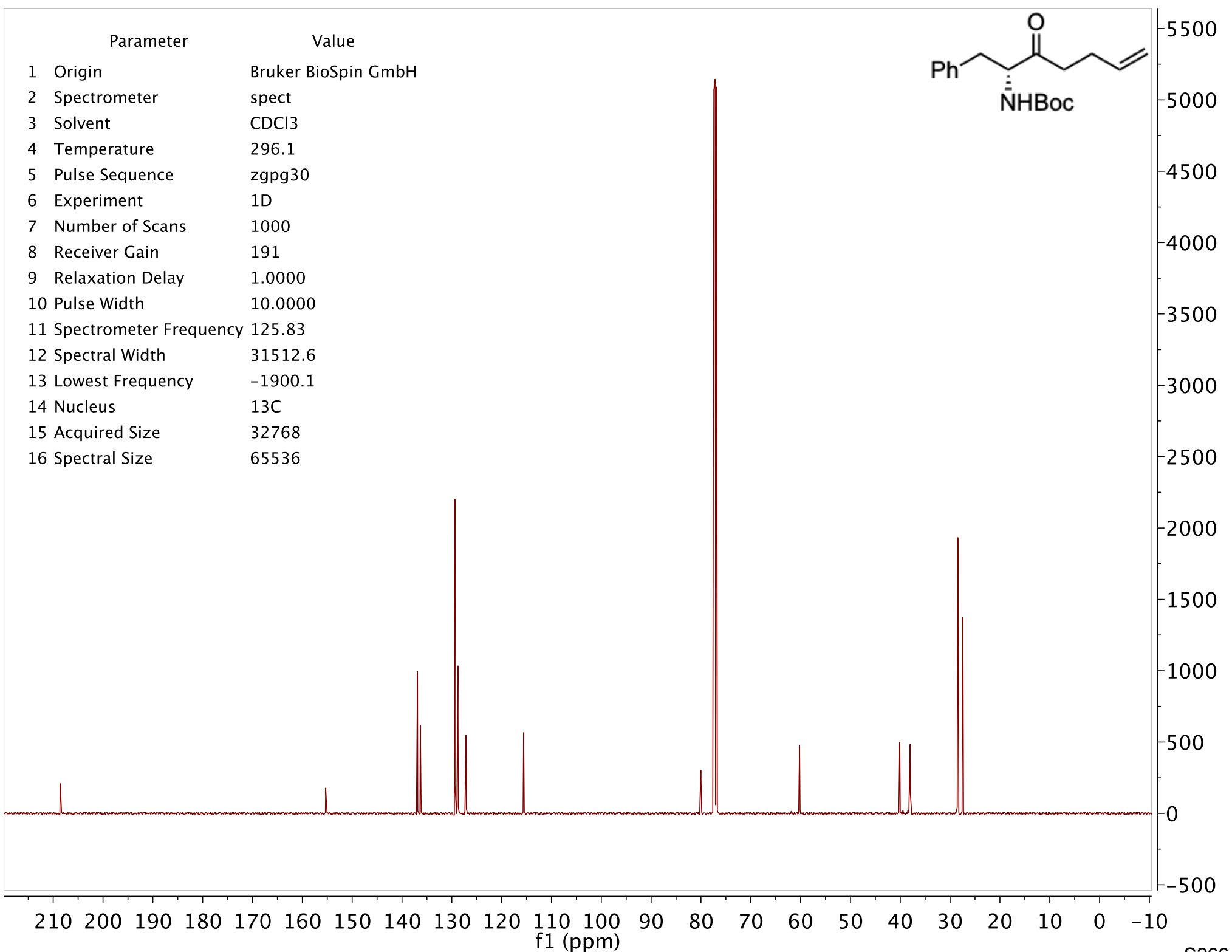
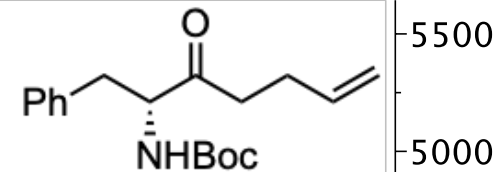
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



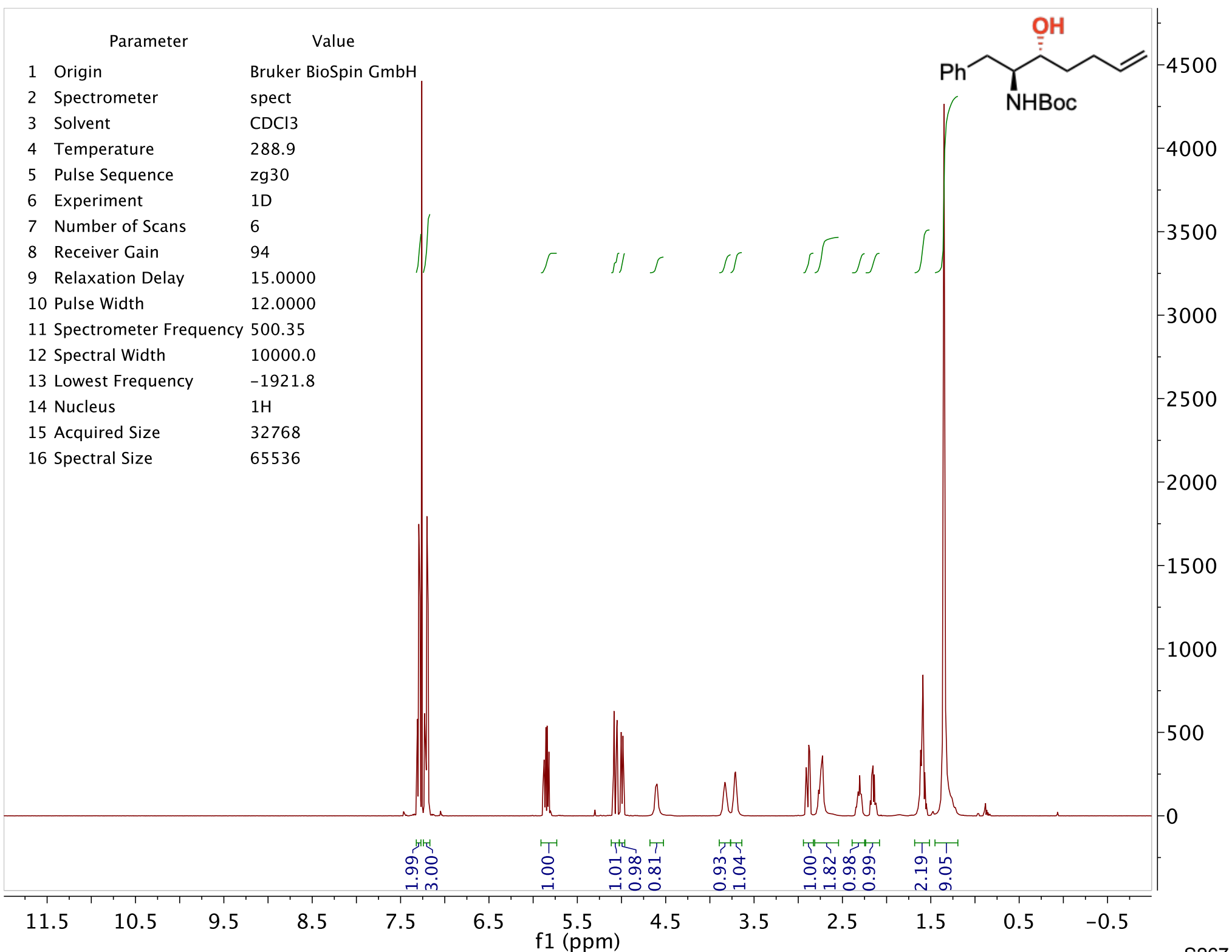
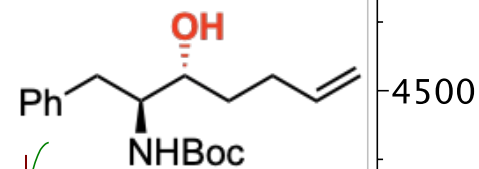
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	62
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



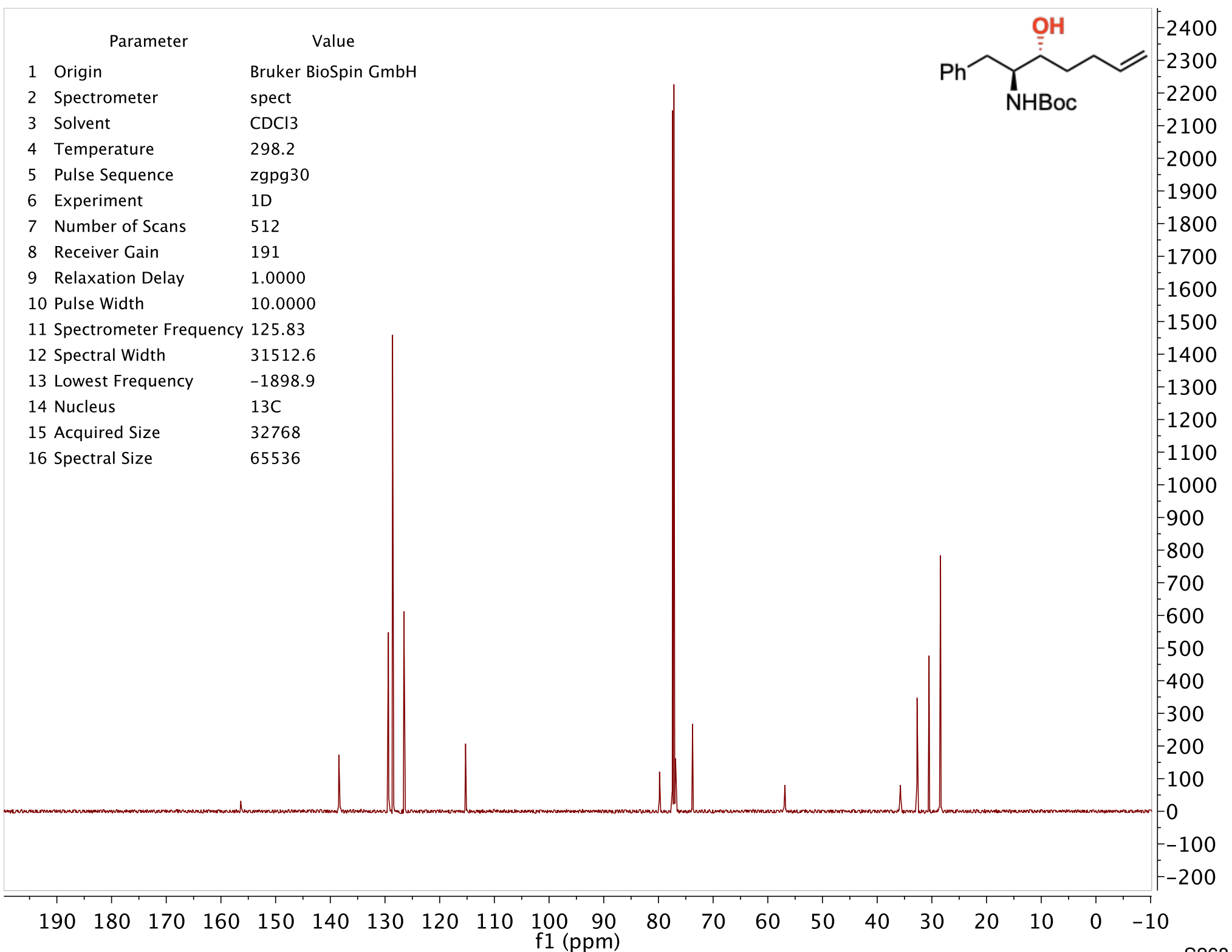
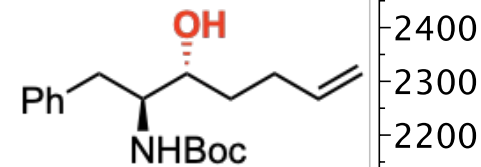
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	1000
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.1
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



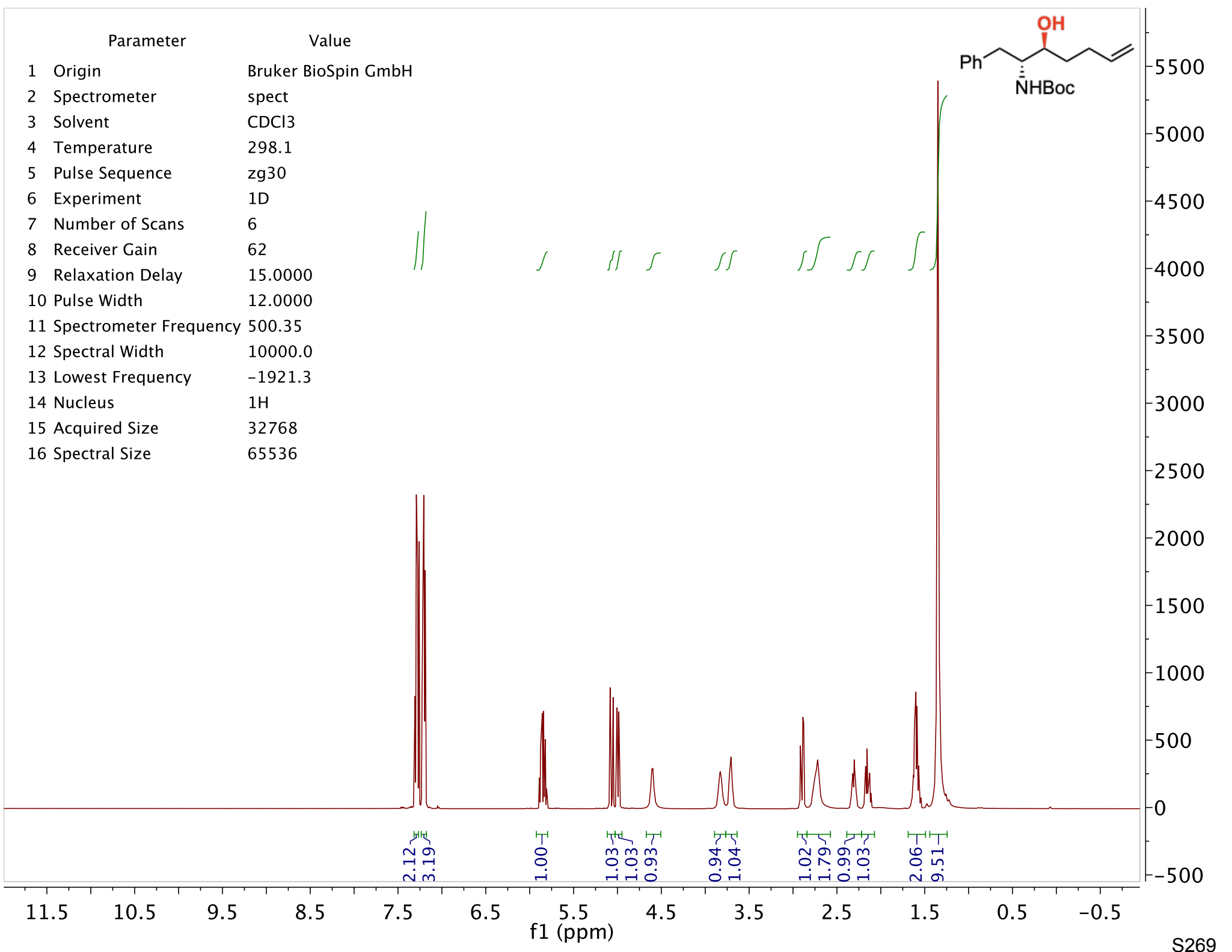
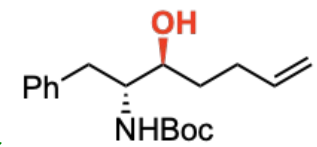
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	288.9
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	94
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



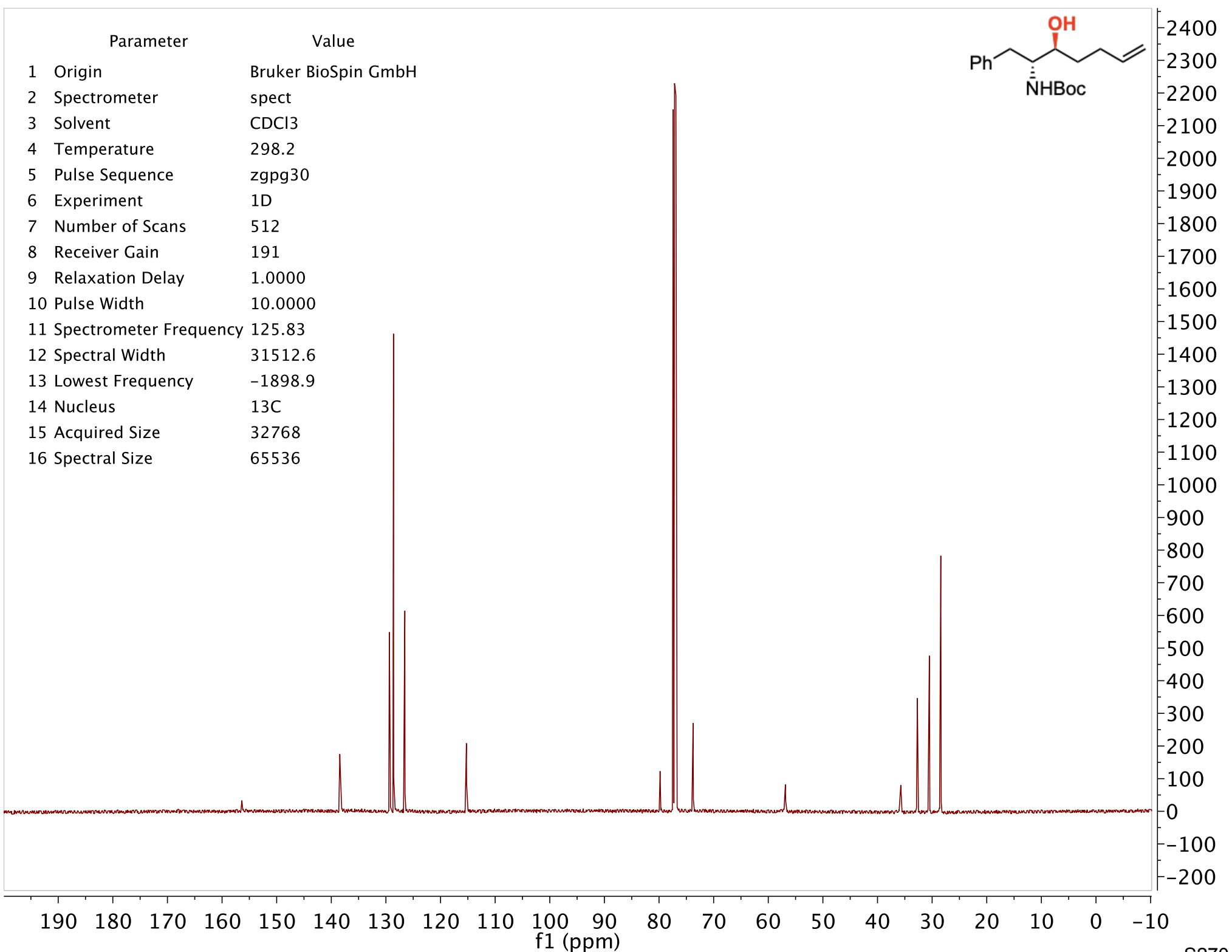
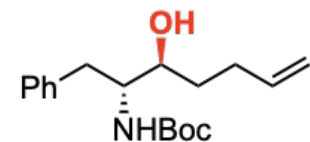
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



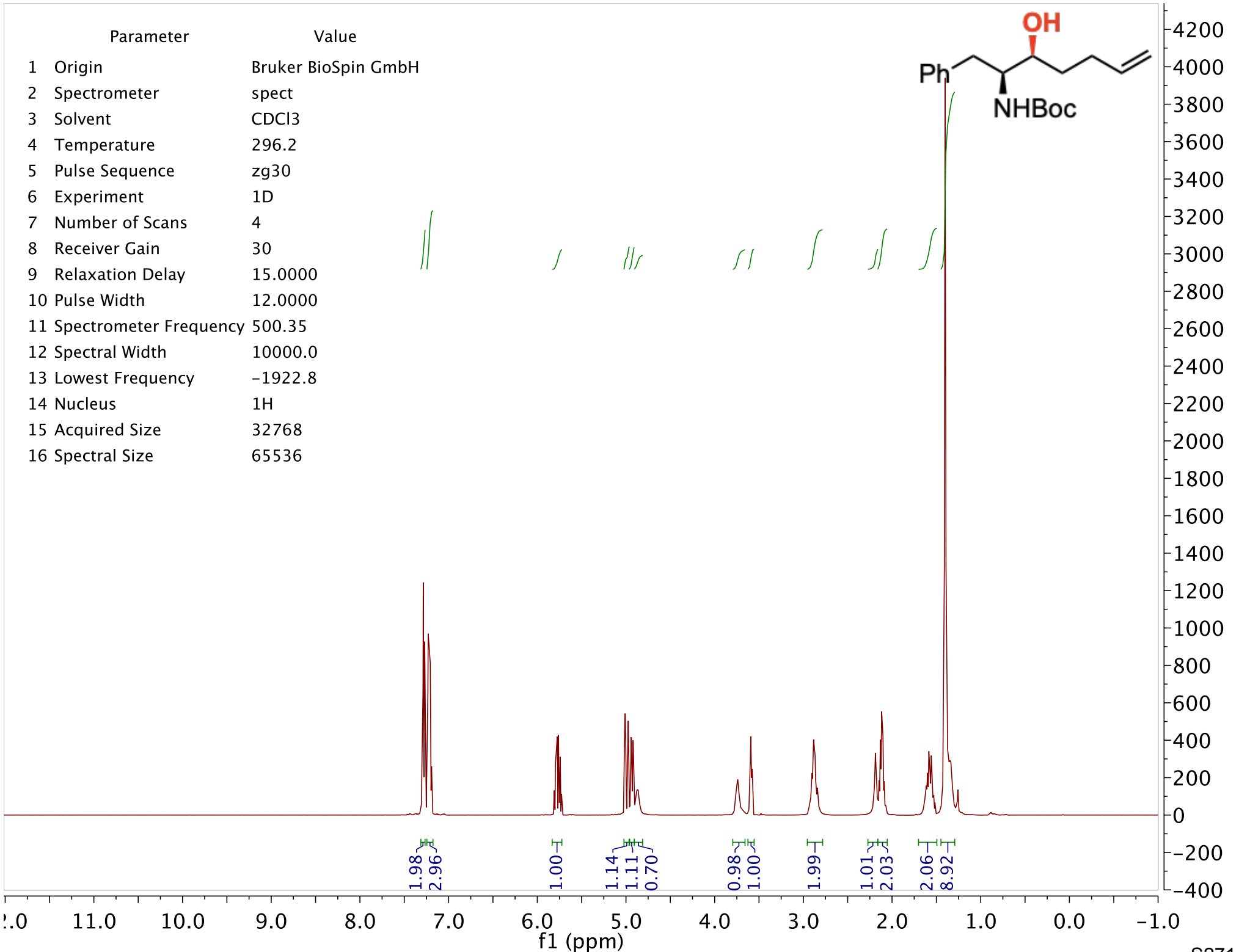
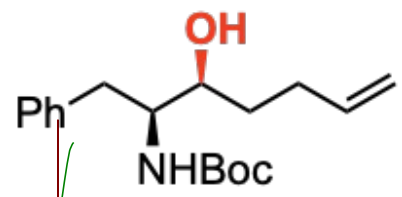
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	62
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



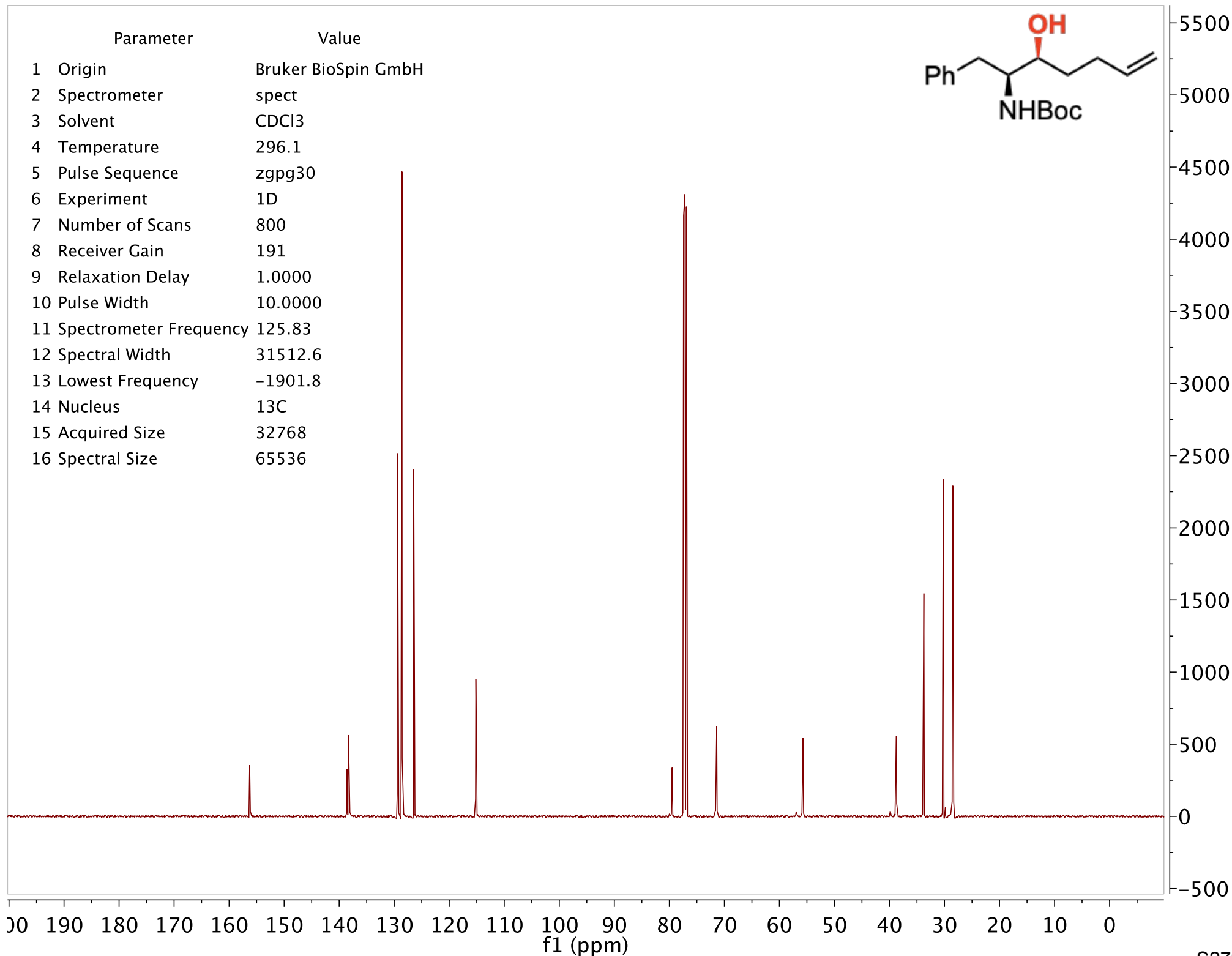
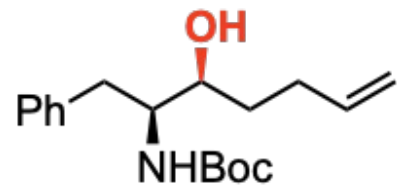
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1898.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



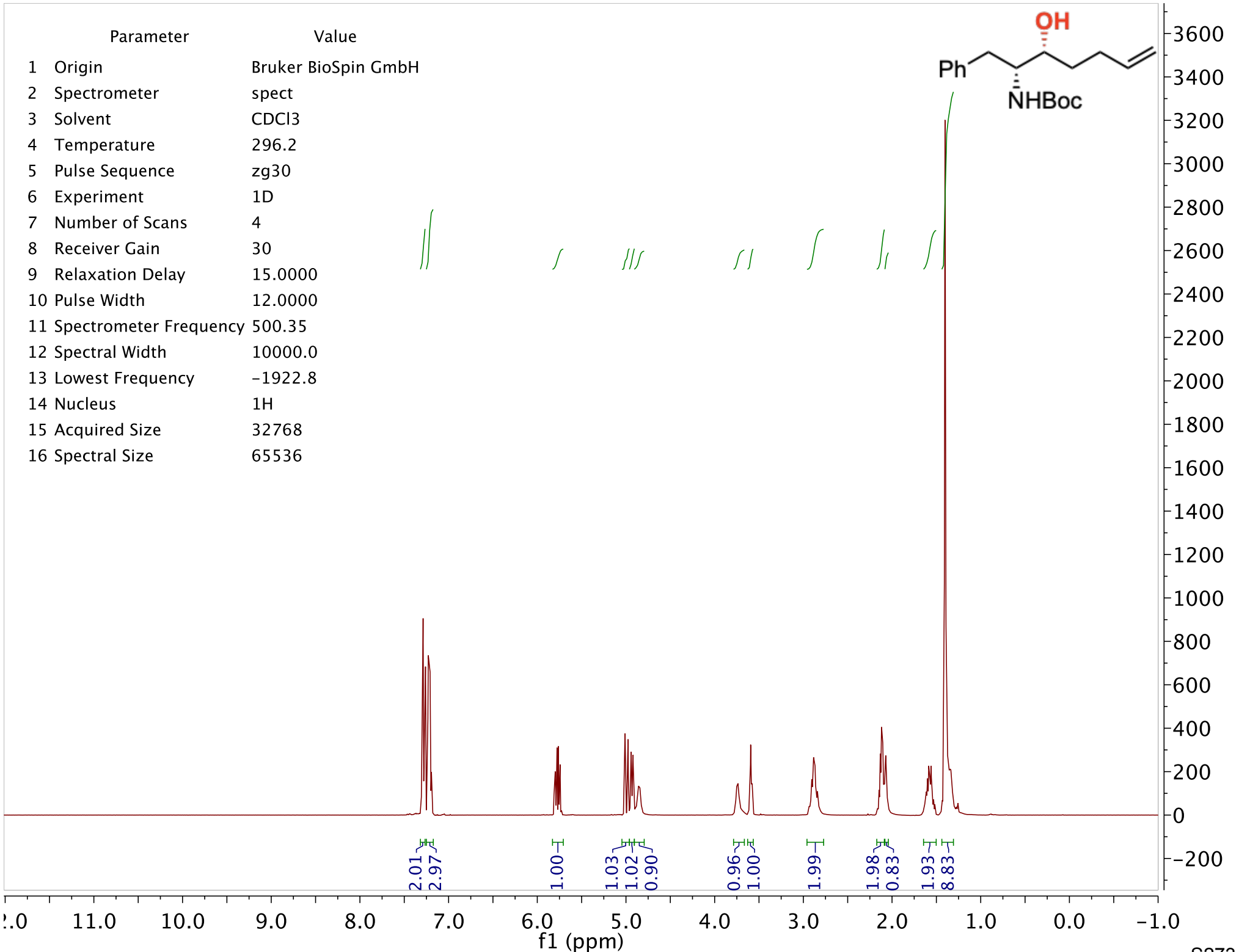
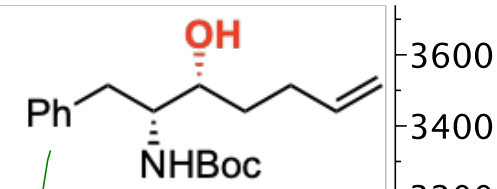
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



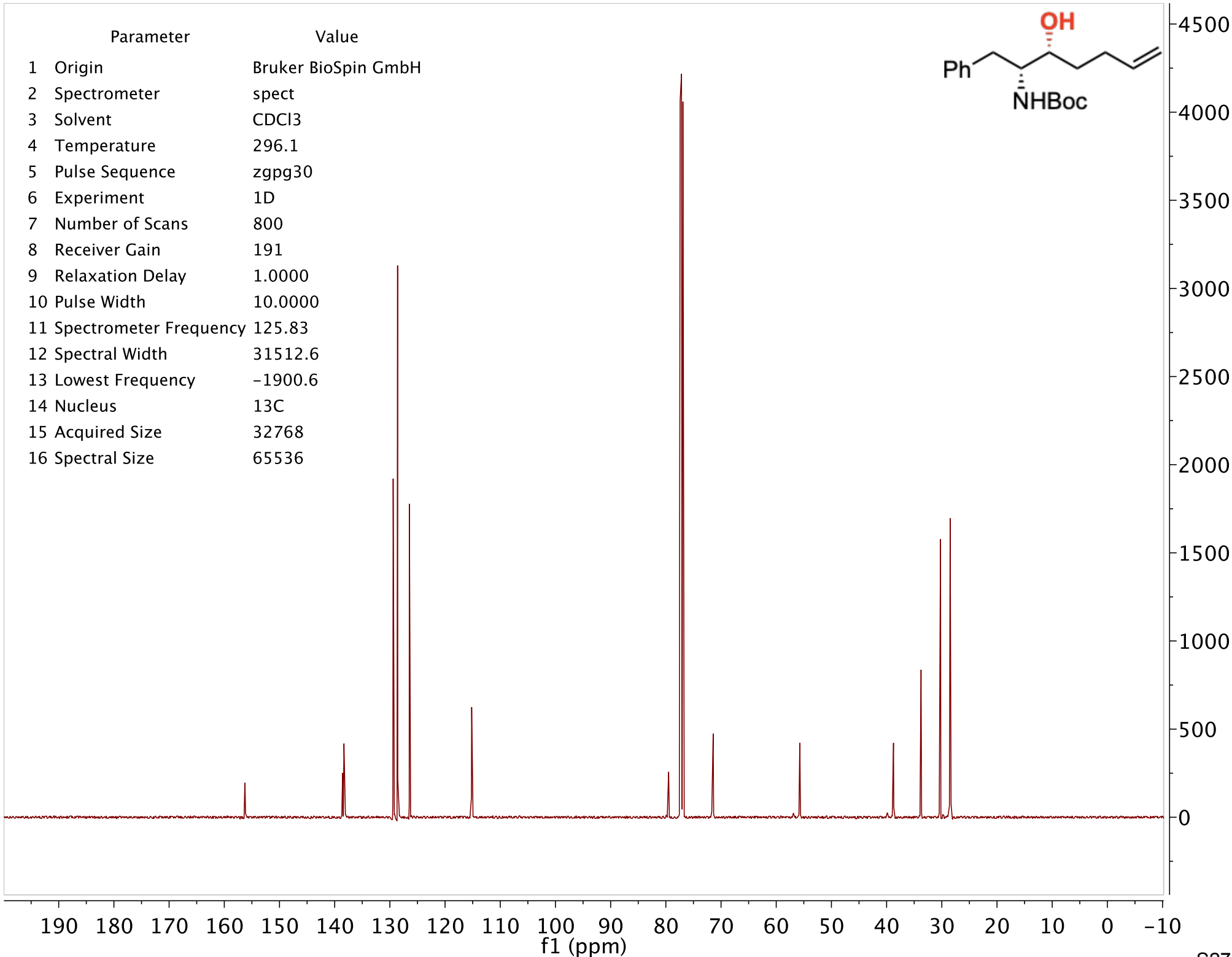
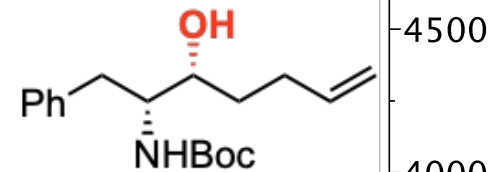
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1901.8
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



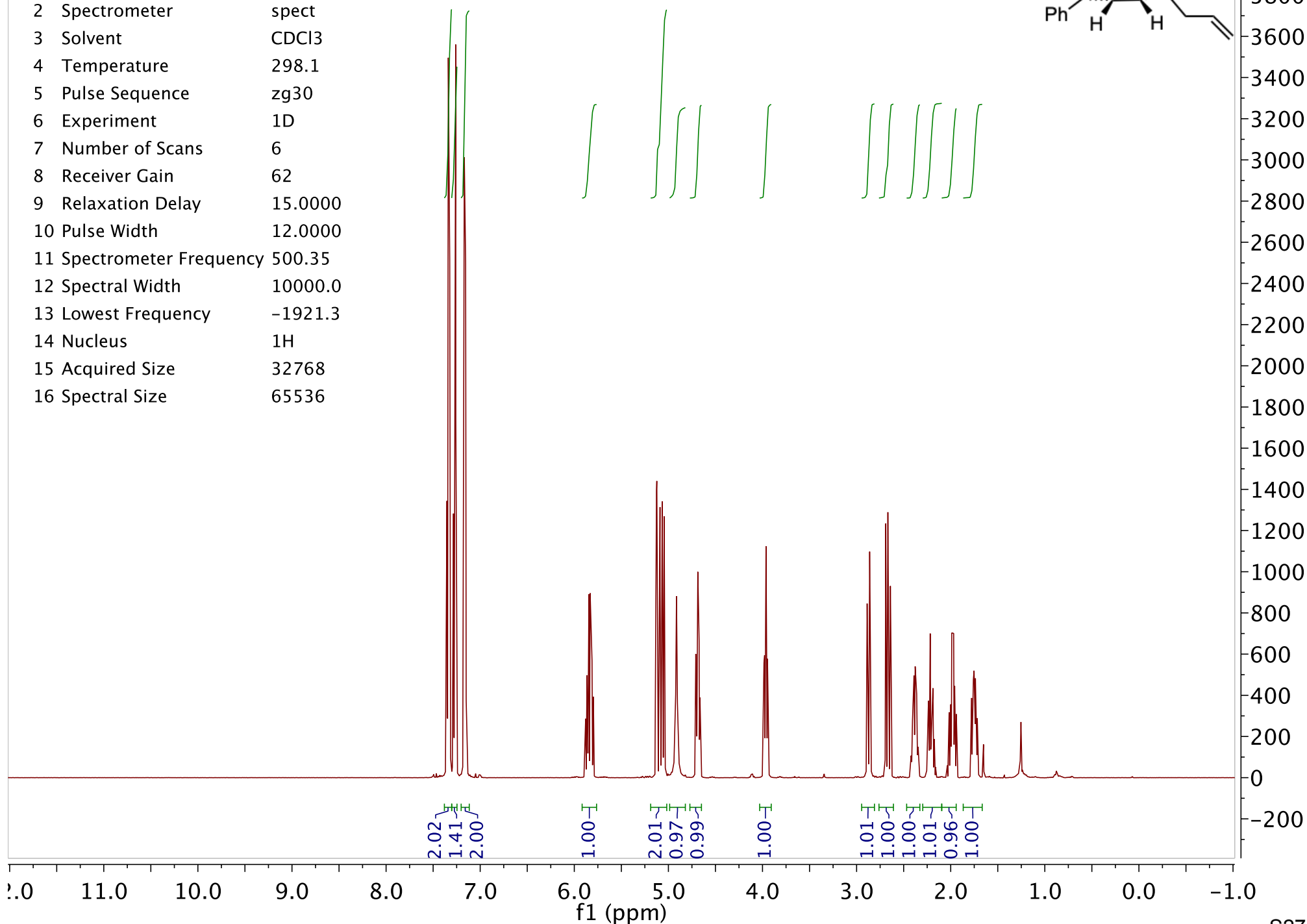
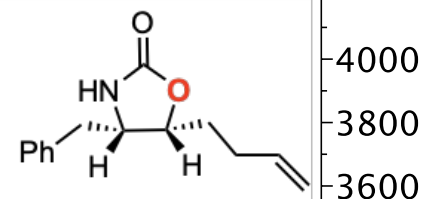
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



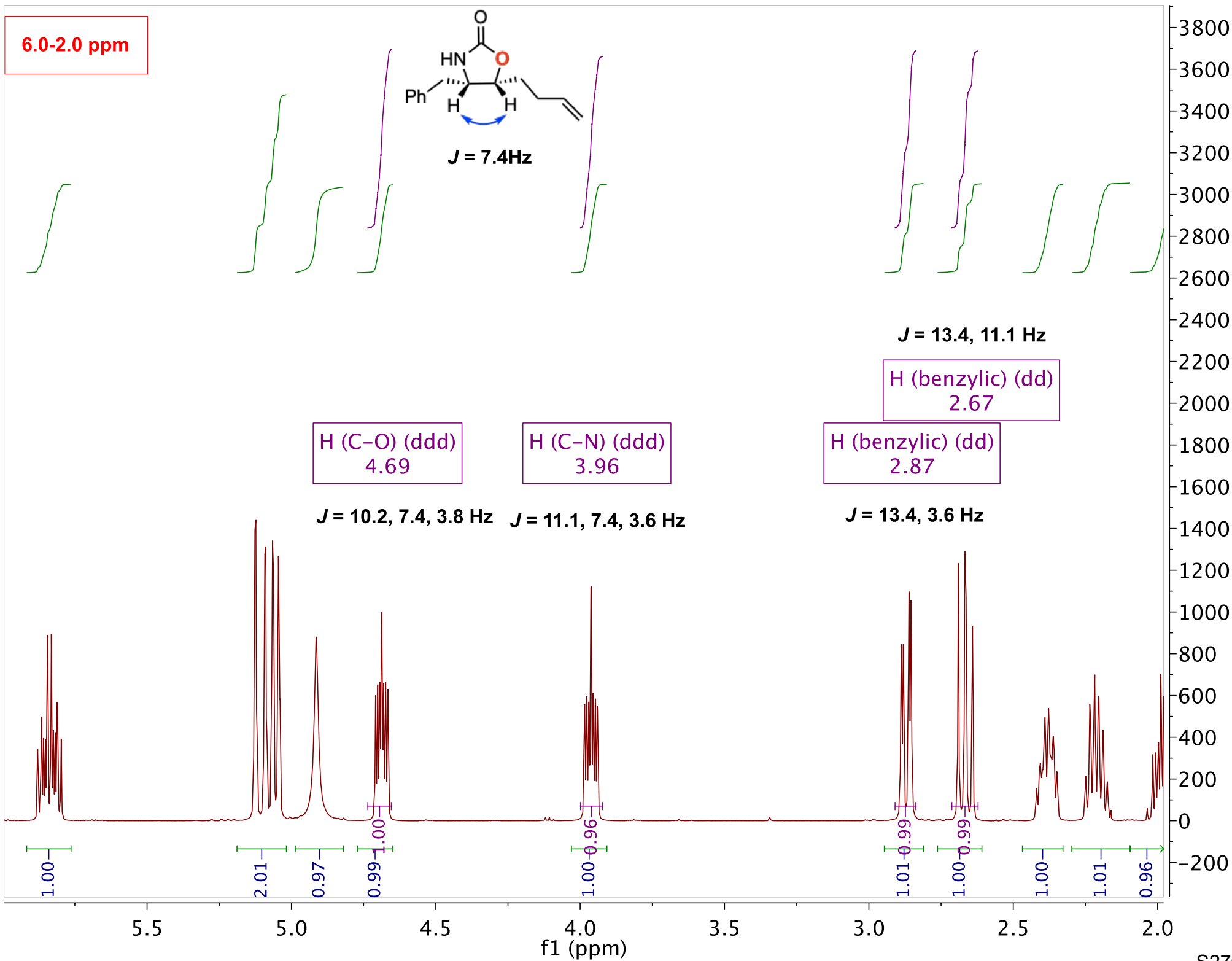
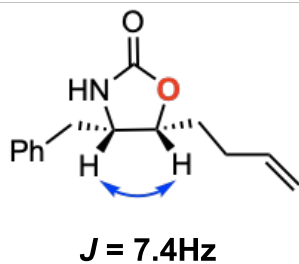
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1900.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



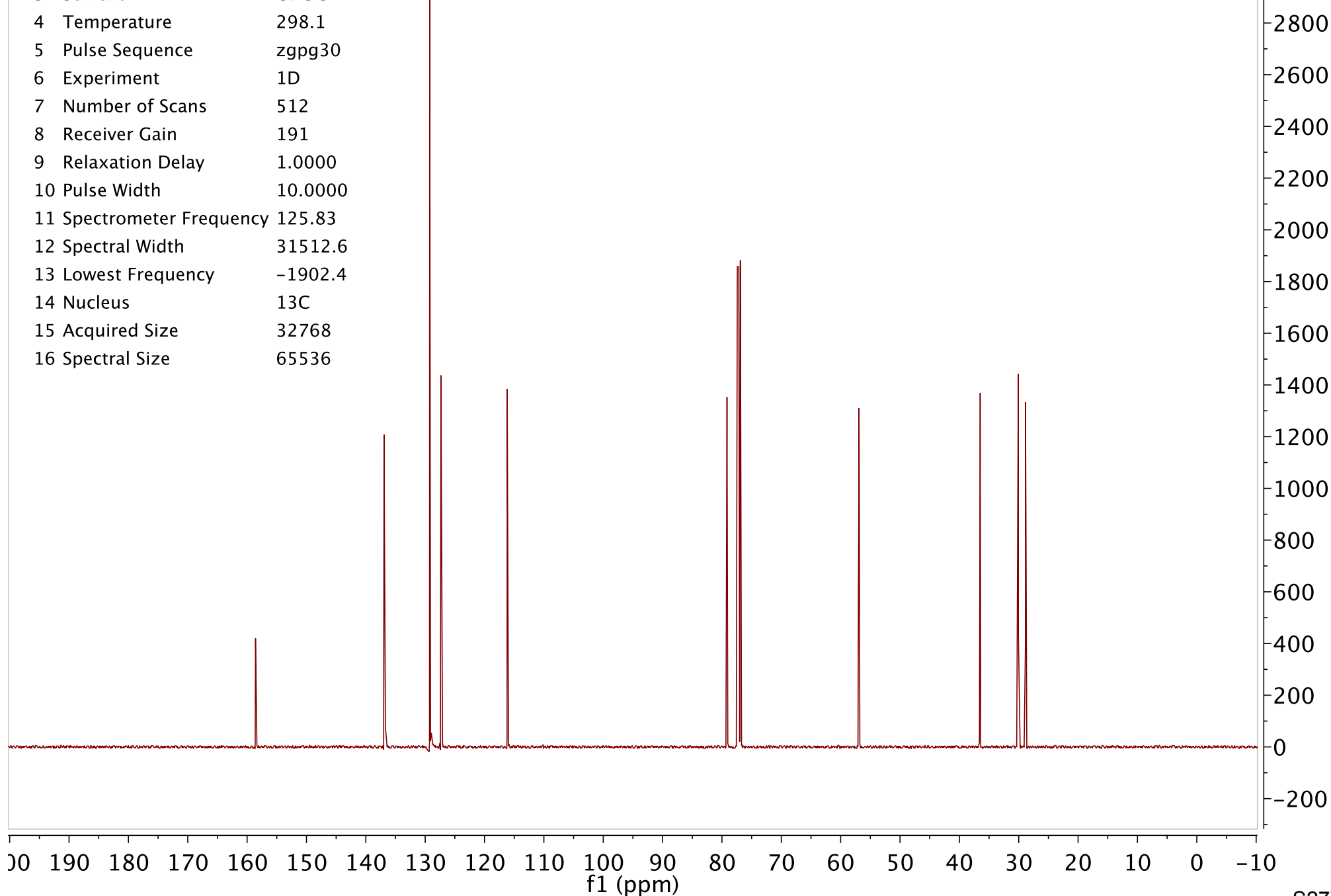
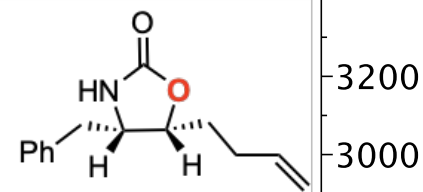
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	62
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



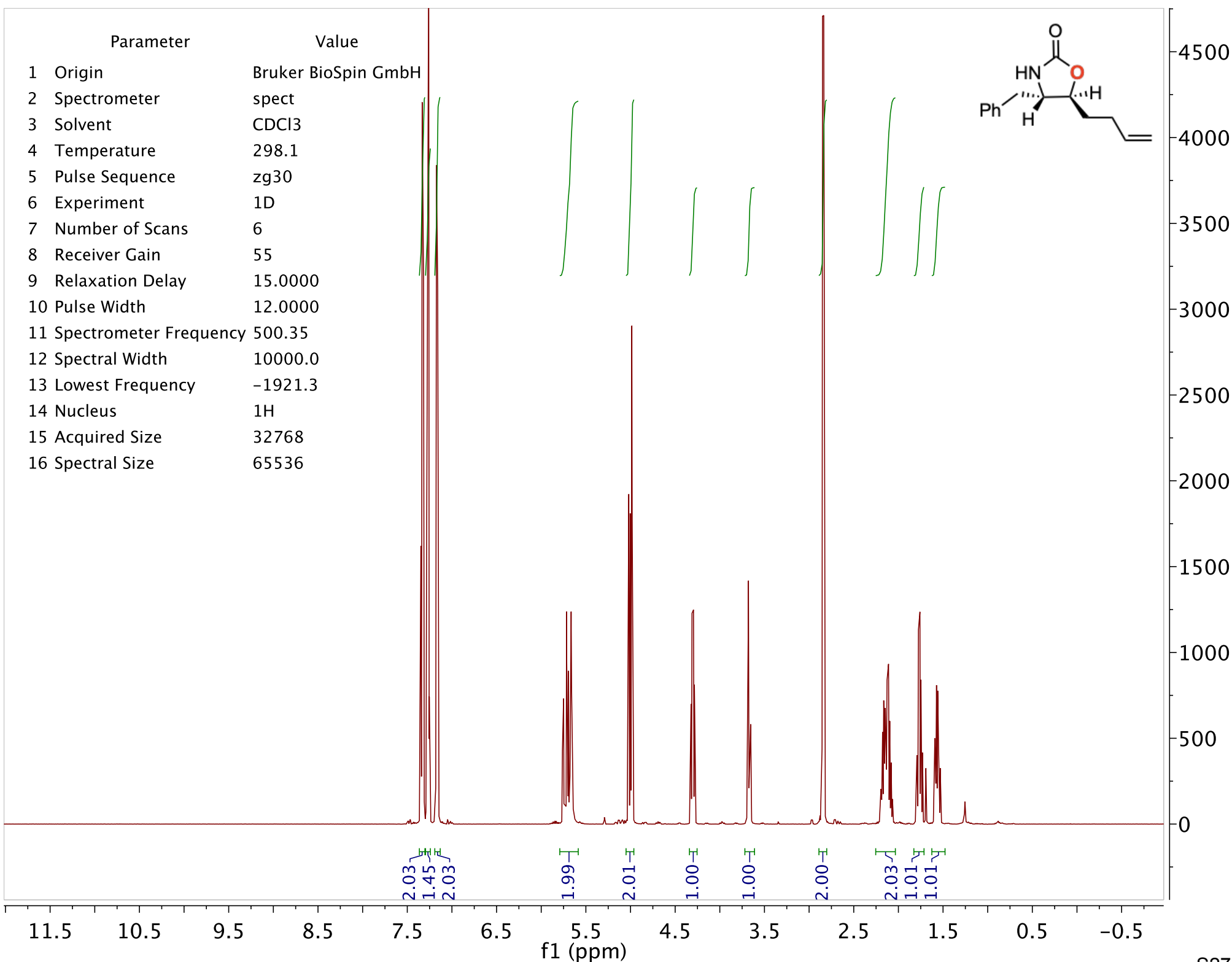
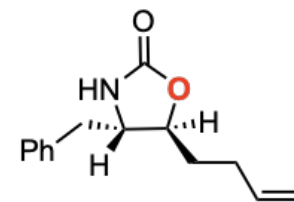
6.0-2.0 ppm



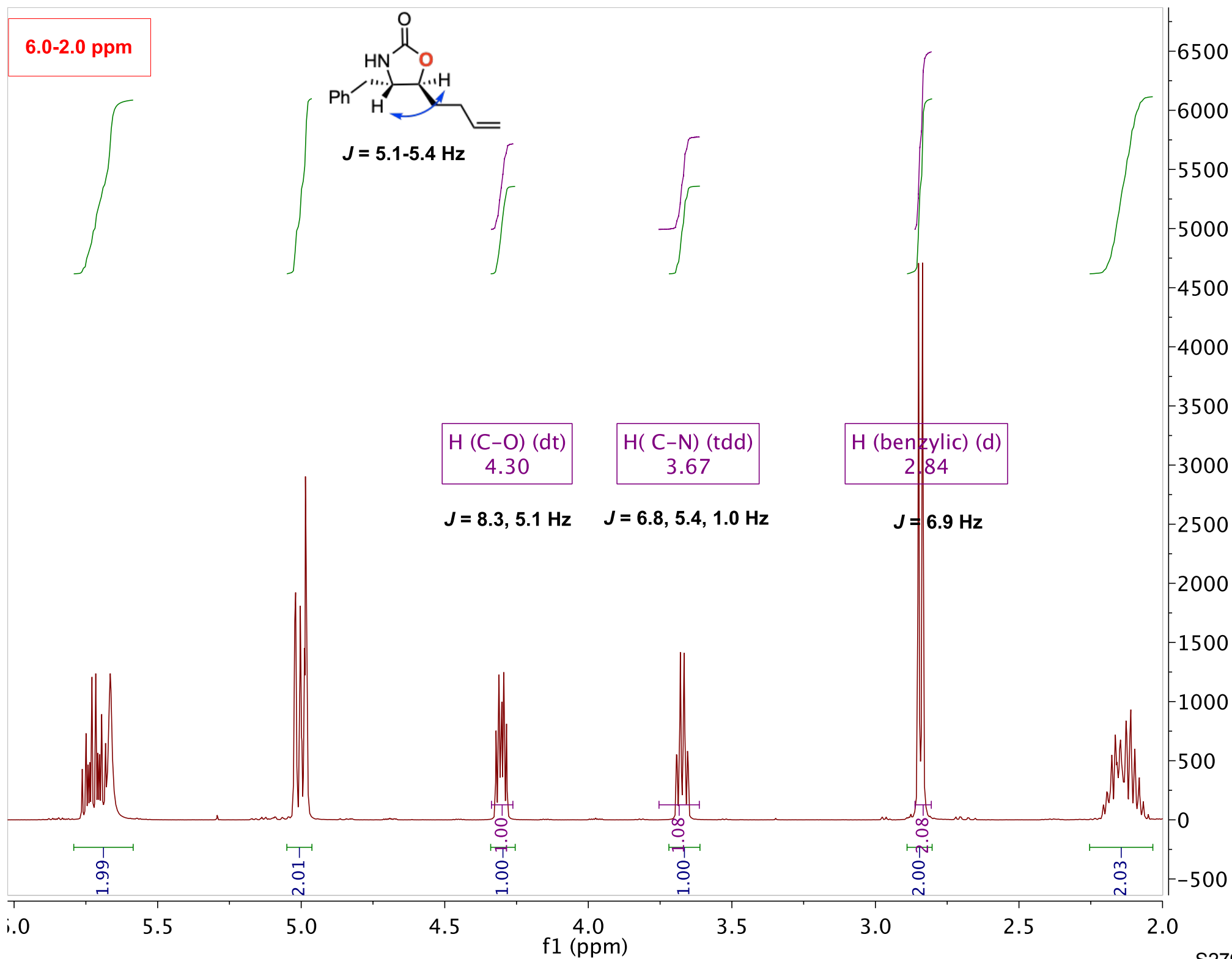
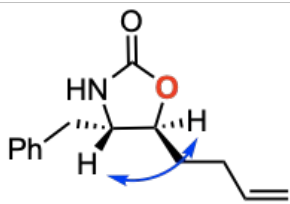
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.4
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



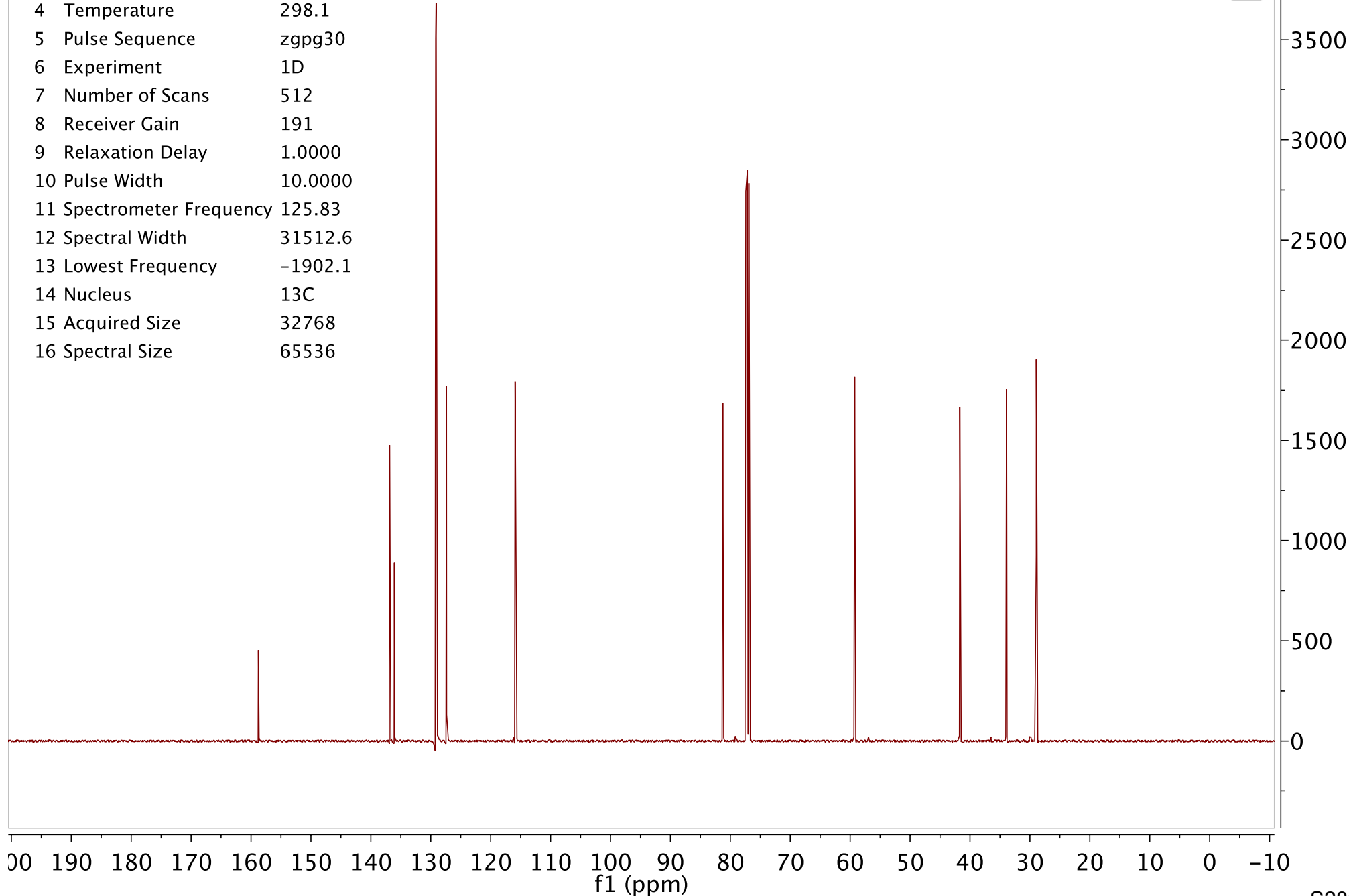
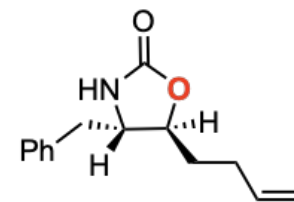
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	55
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1921.3
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



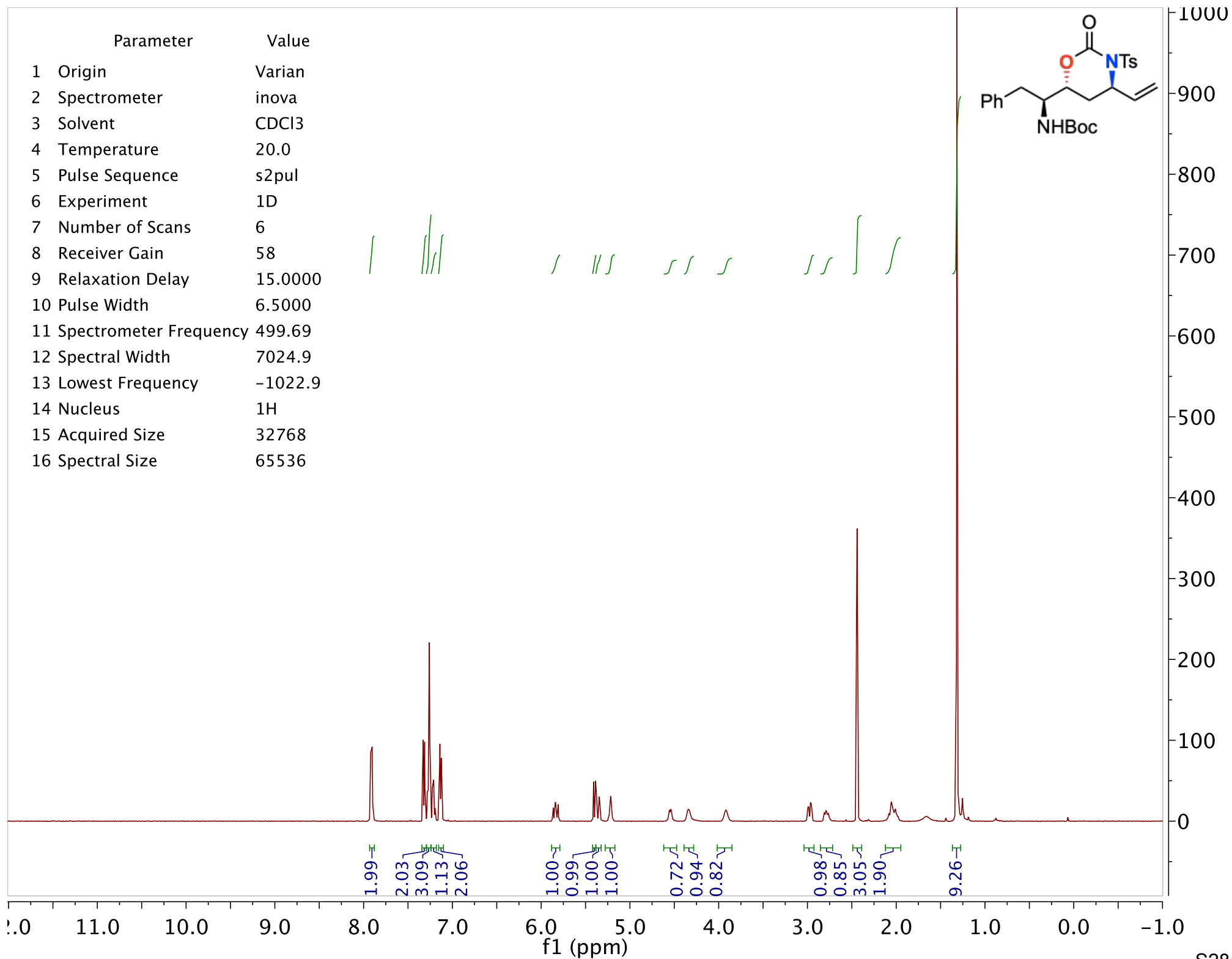
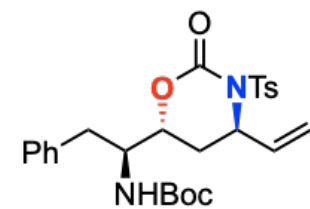
6.0-2.0 ppm



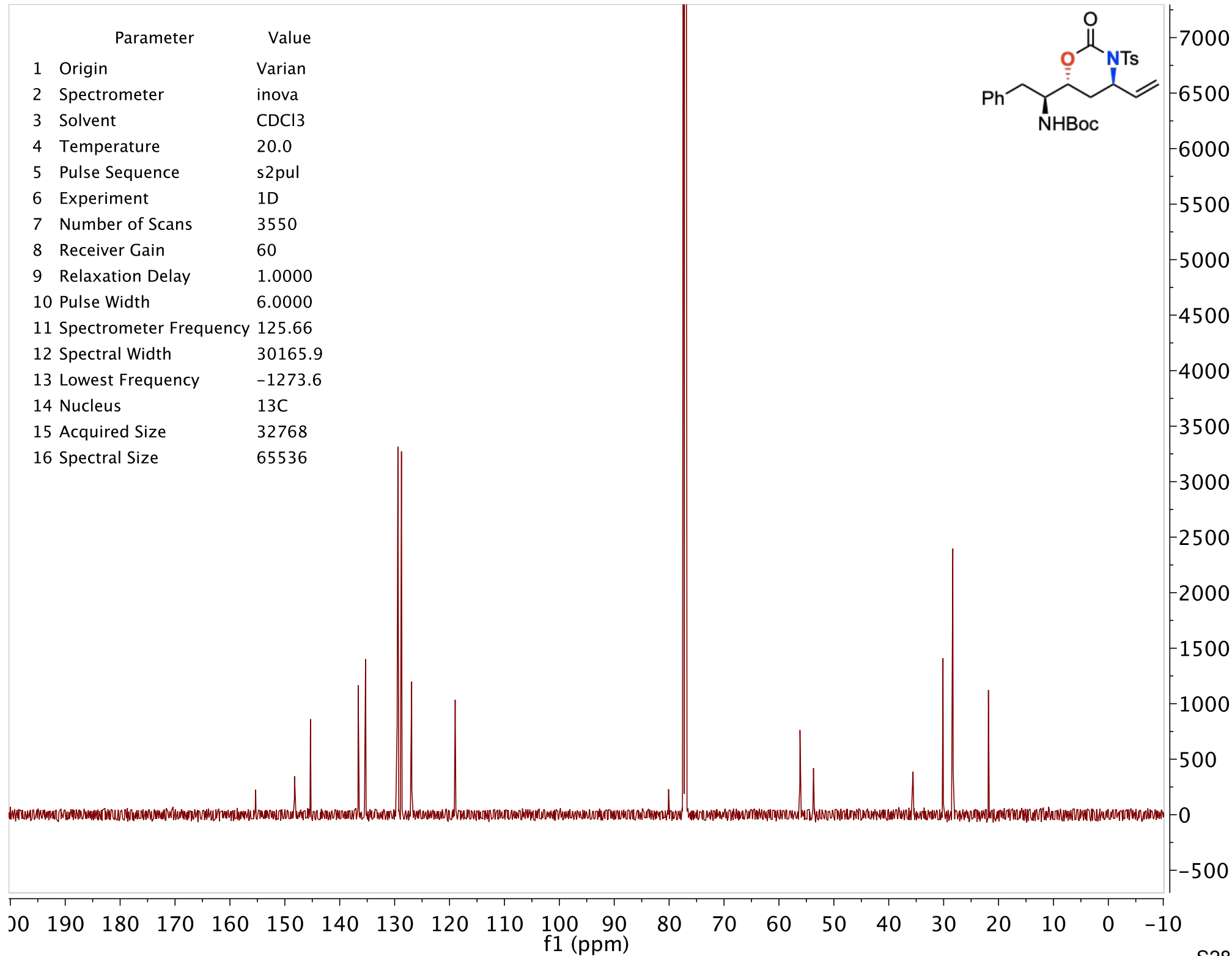
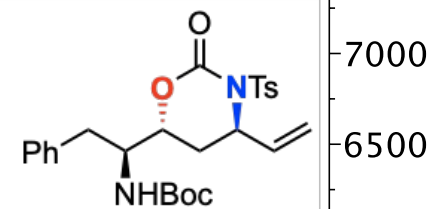
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	298.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	512
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.1
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



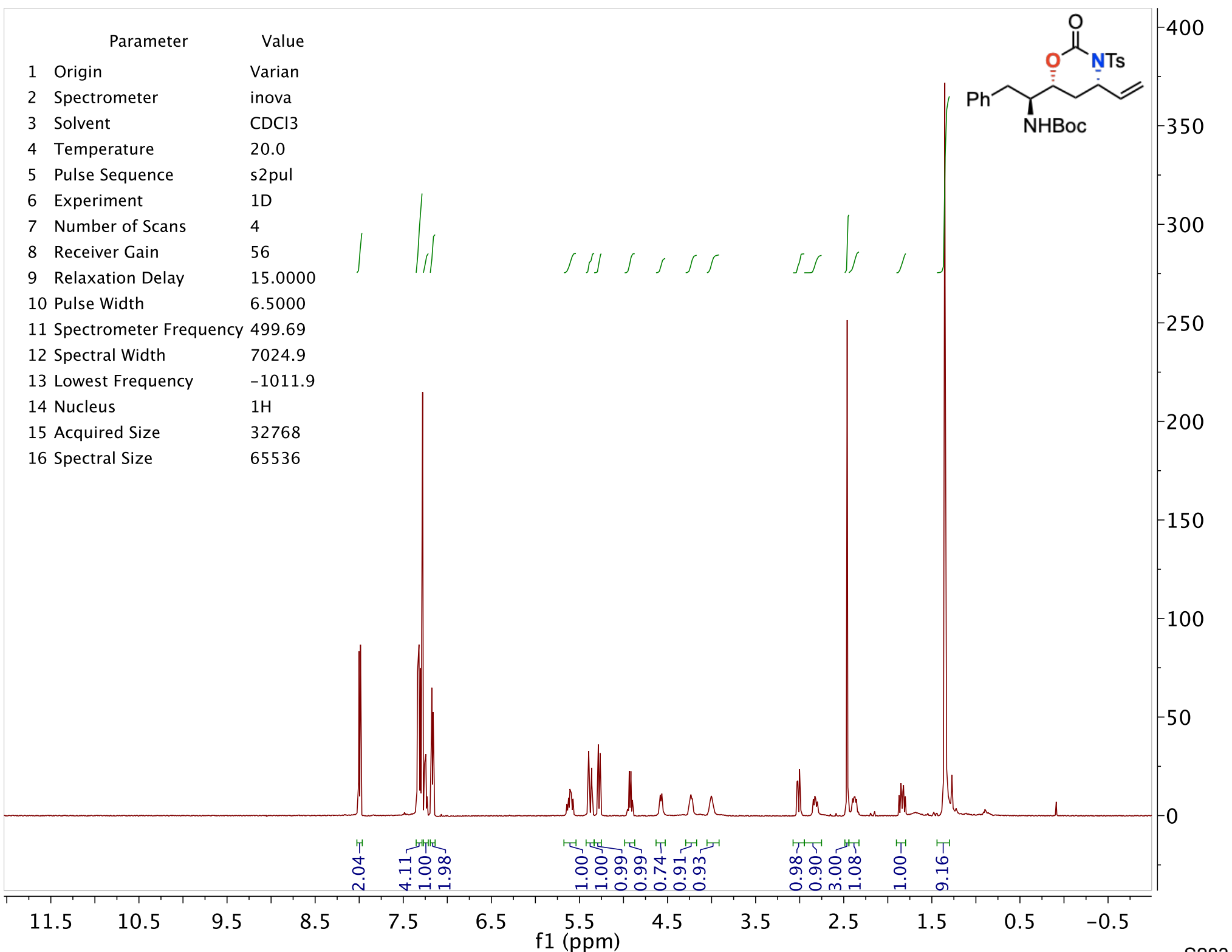
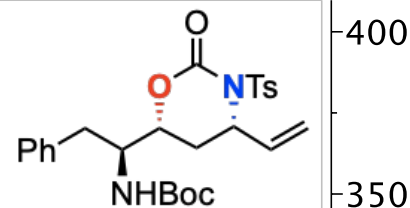
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	58
9 Relaxation Delay	15.0000
10 Pulse Width	6.5000
11 Spectrometer Frequency	499.69
12 Spectral Width	7024.9
13 Lowest Frequency	-1022.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



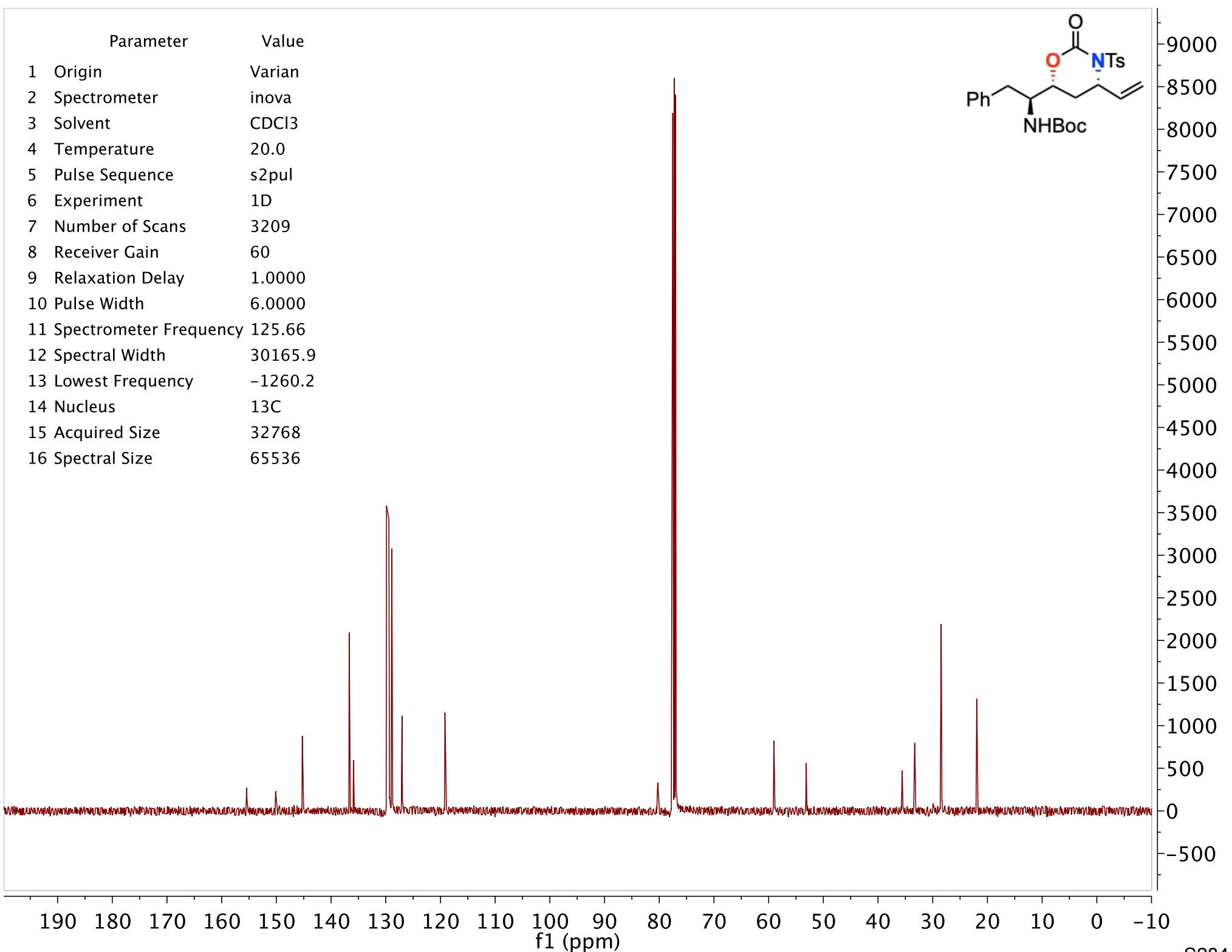
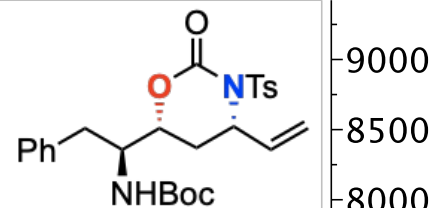
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	3550
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1273.6
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



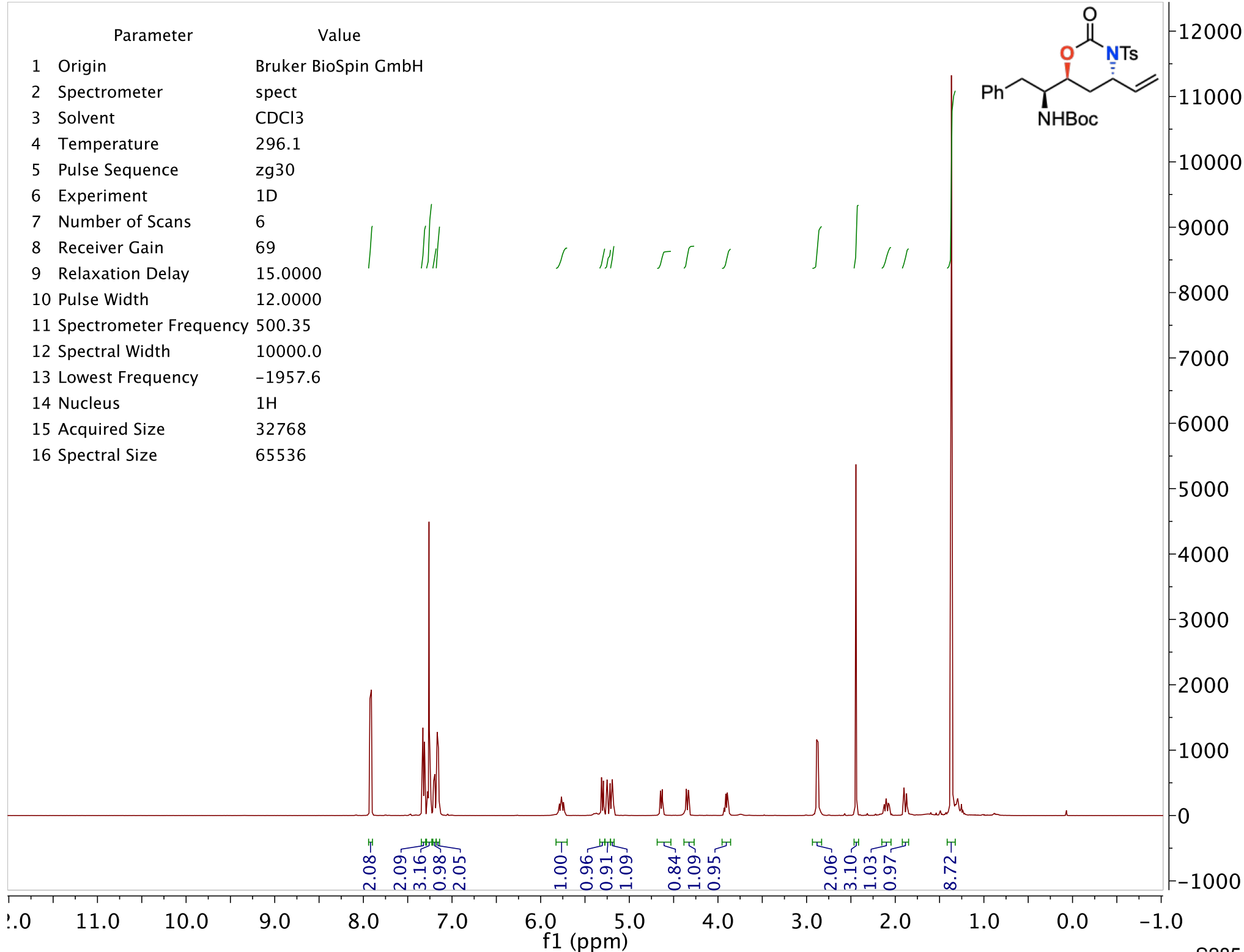
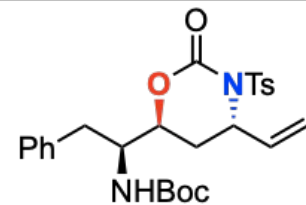
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	56
9 Relaxation Delay	15.0000
10 Pulse Width	6.5000
11 Spectrometer Frequency	499.69
12 Spectral Width	7024.9
13 Lowest Frequency	-1011.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



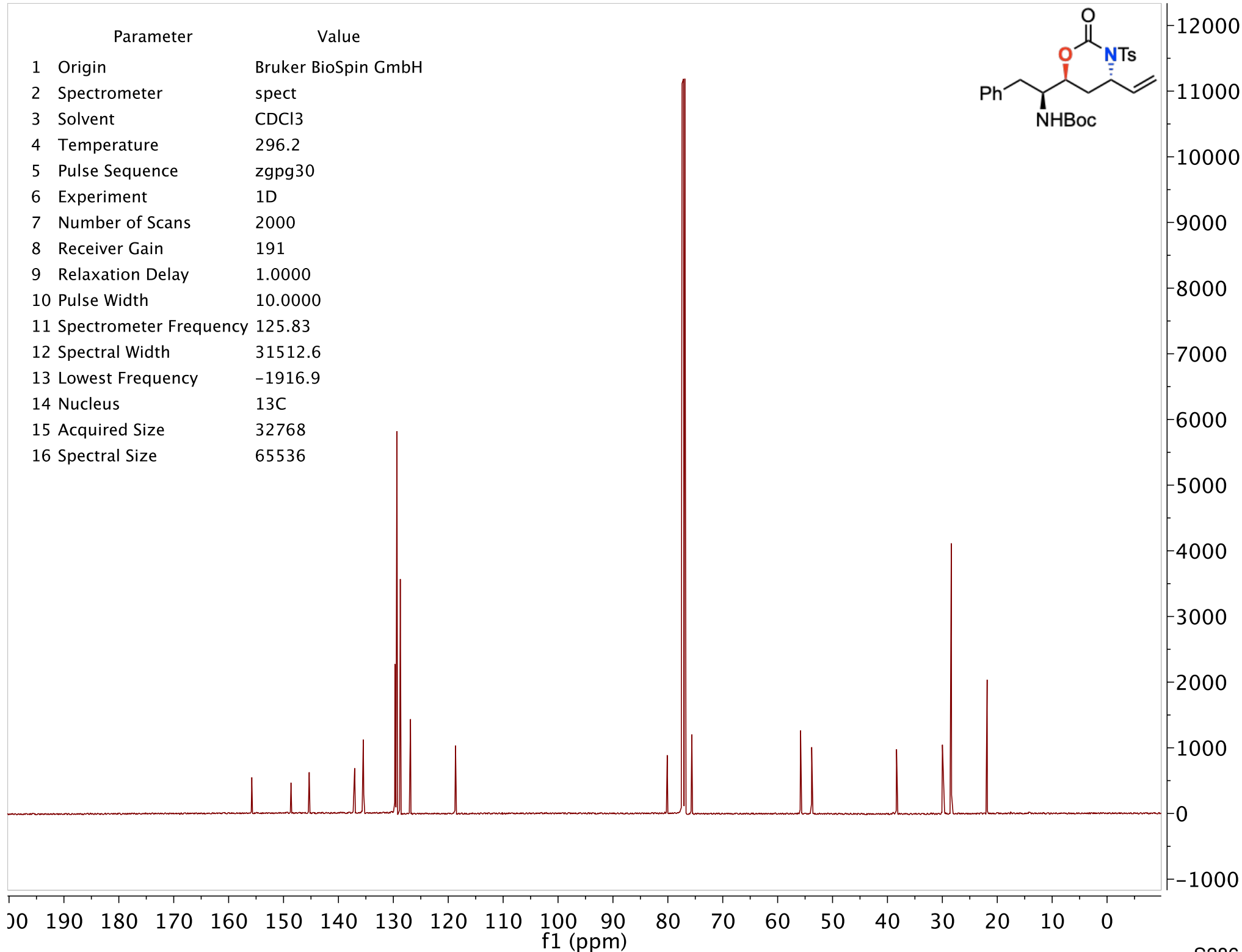
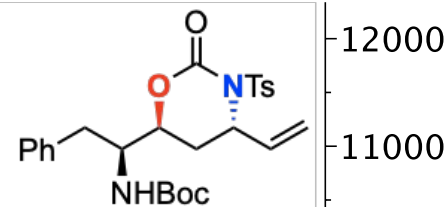
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	3209
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1260.2
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



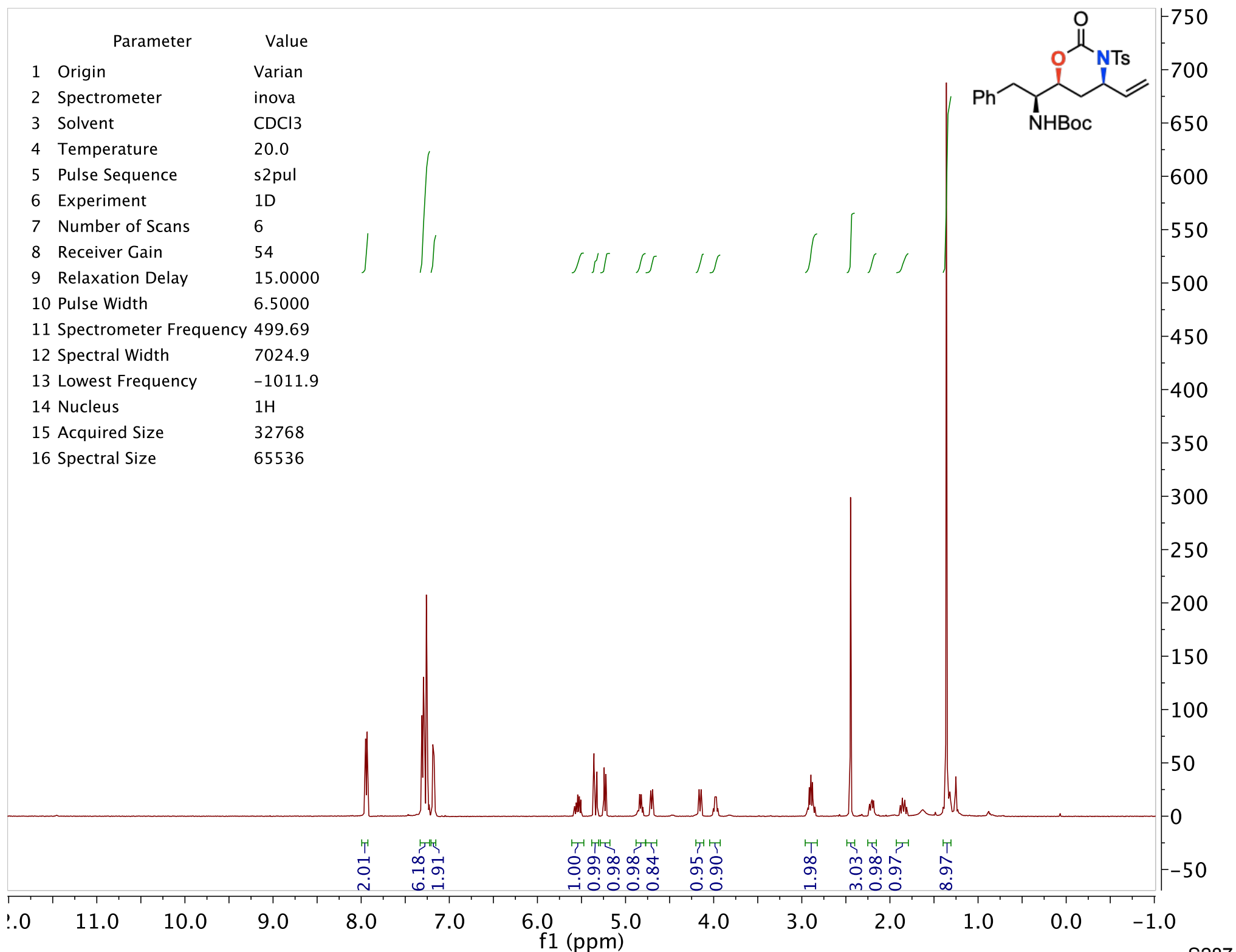
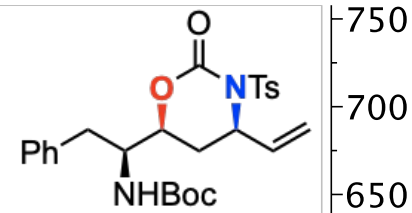
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	69
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1957.6
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



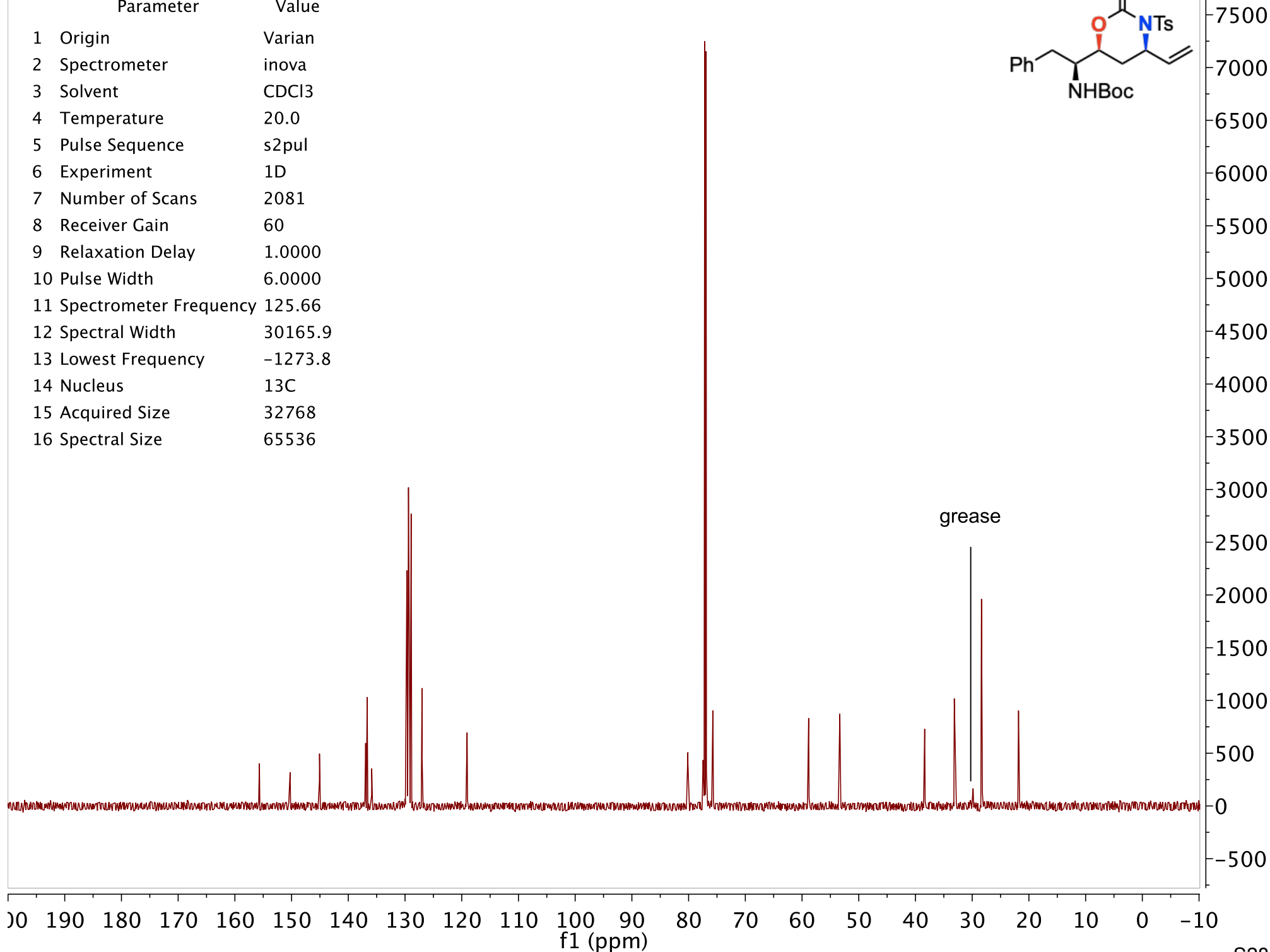
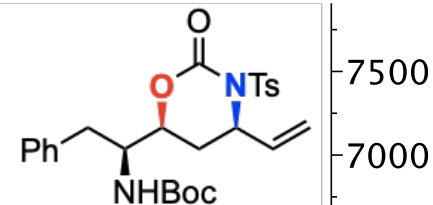
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	2000
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



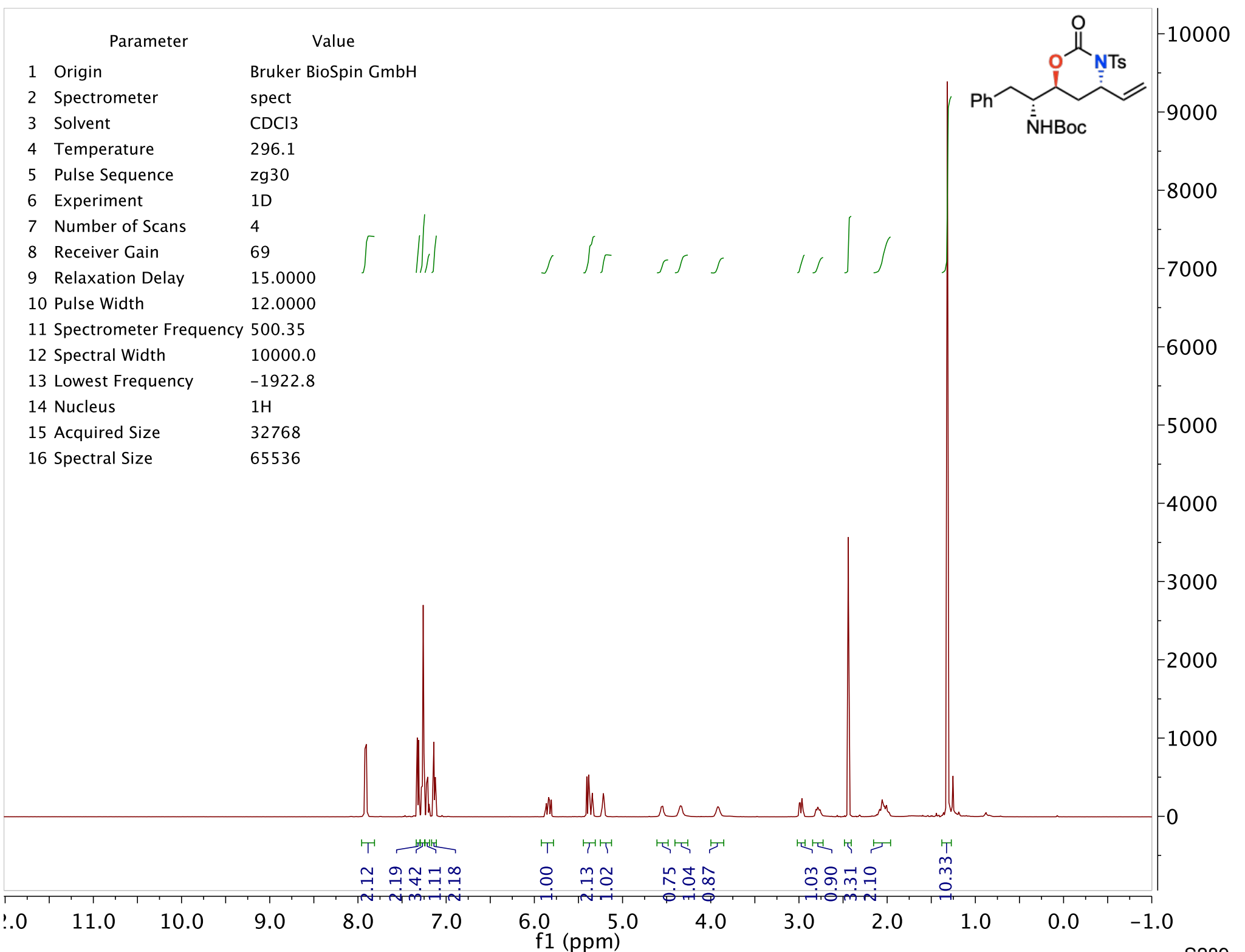
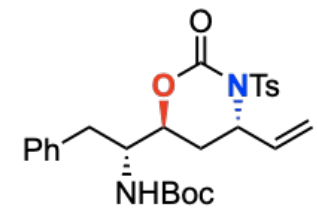
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	54
9 Relaxation Delay	15.0000
10 Pulse Width	6.5000
11 Spectrometer Frequency	499.69
12 Spectral Width	7024.9
13 Lowest Frequency	-1011.9
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



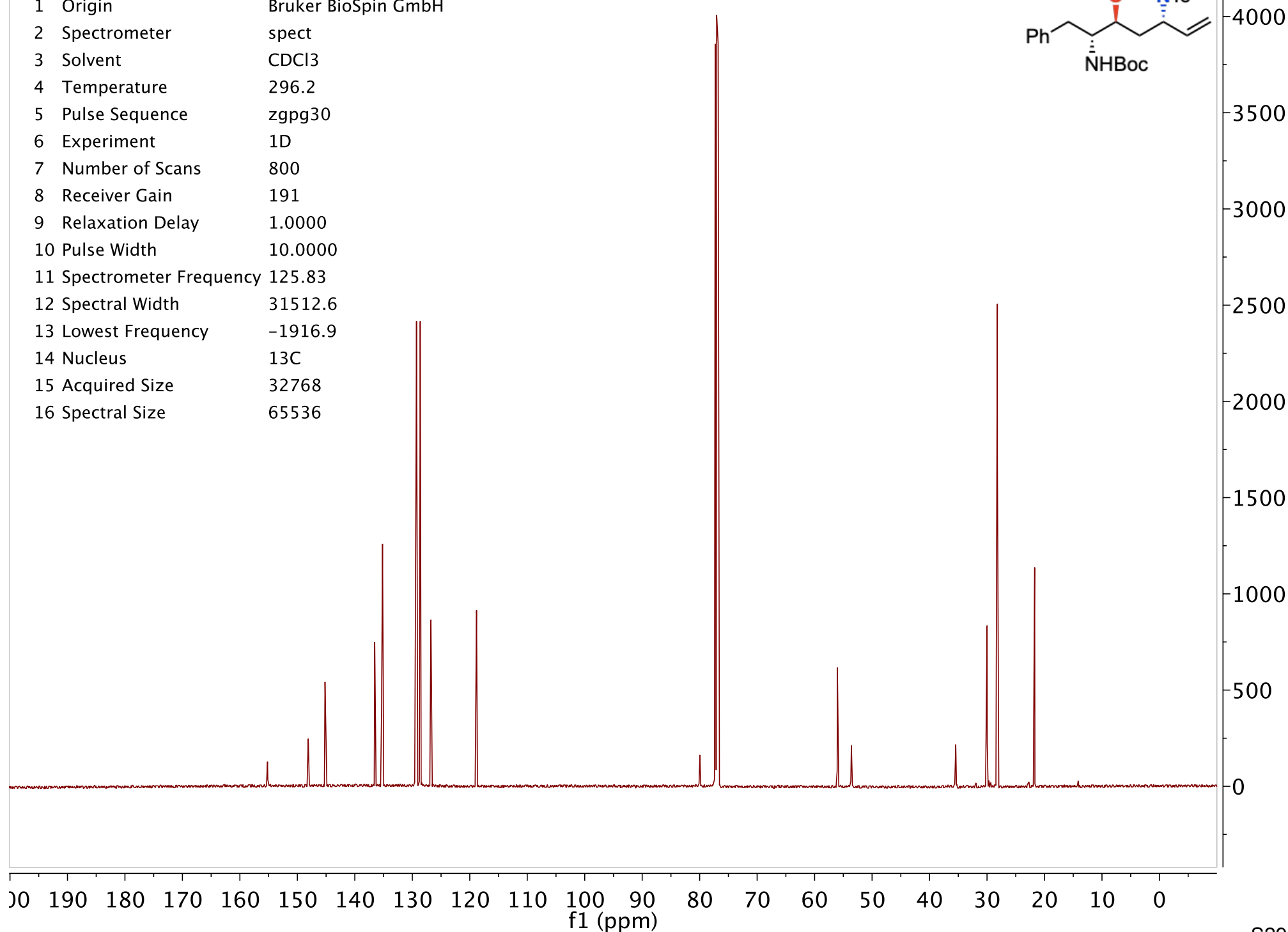
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	2081
8 Receiver Gain	60
9 Relaxation Delay	1.0000
10 Pulse Width	6.0000
11 Spectrometer Frequency	125.66
12 Spectral Width	30165.9
13 Lowest Frequency	-1273.8
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



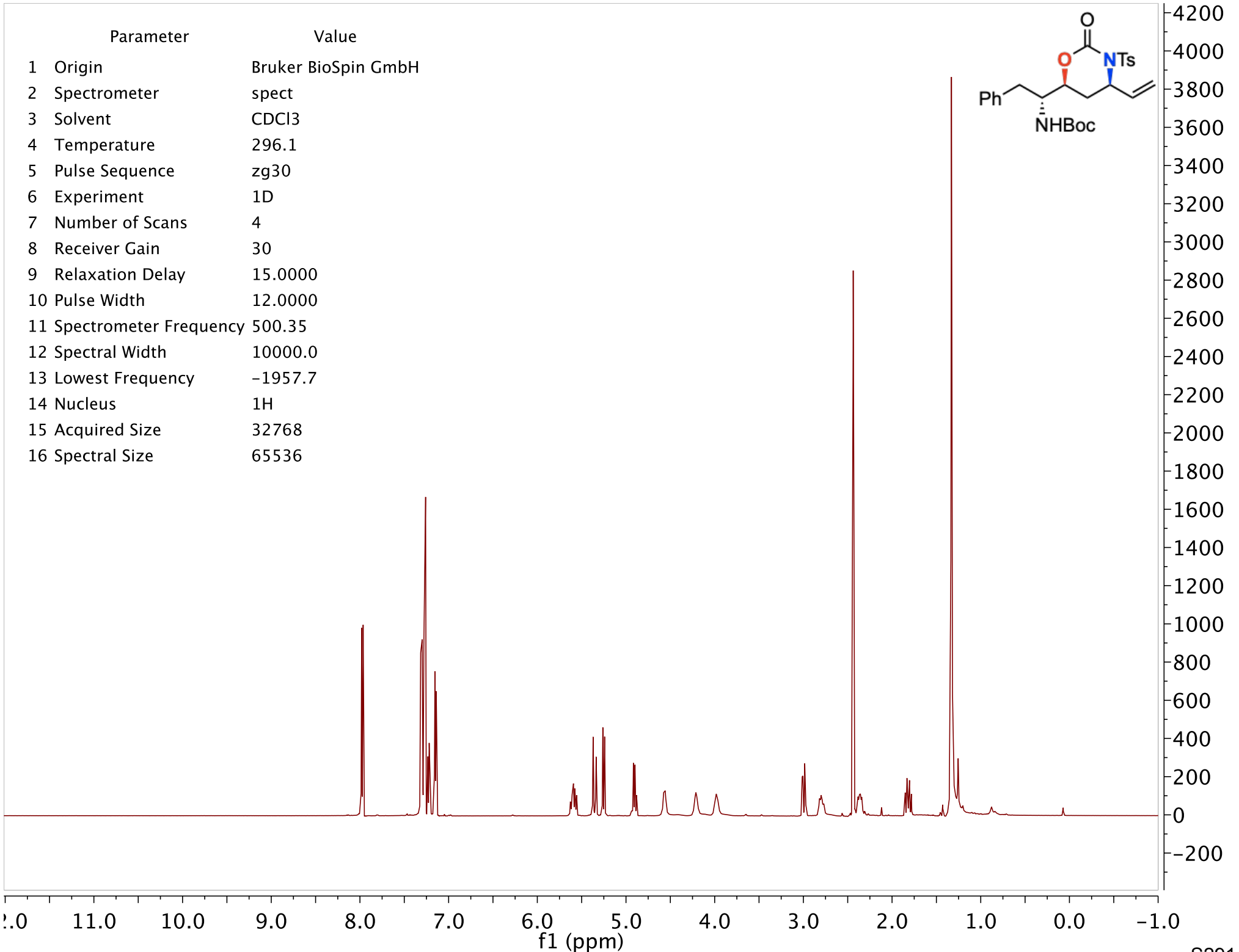
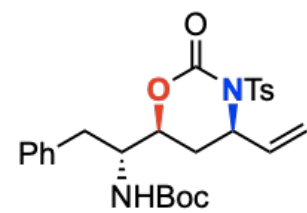
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	69
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



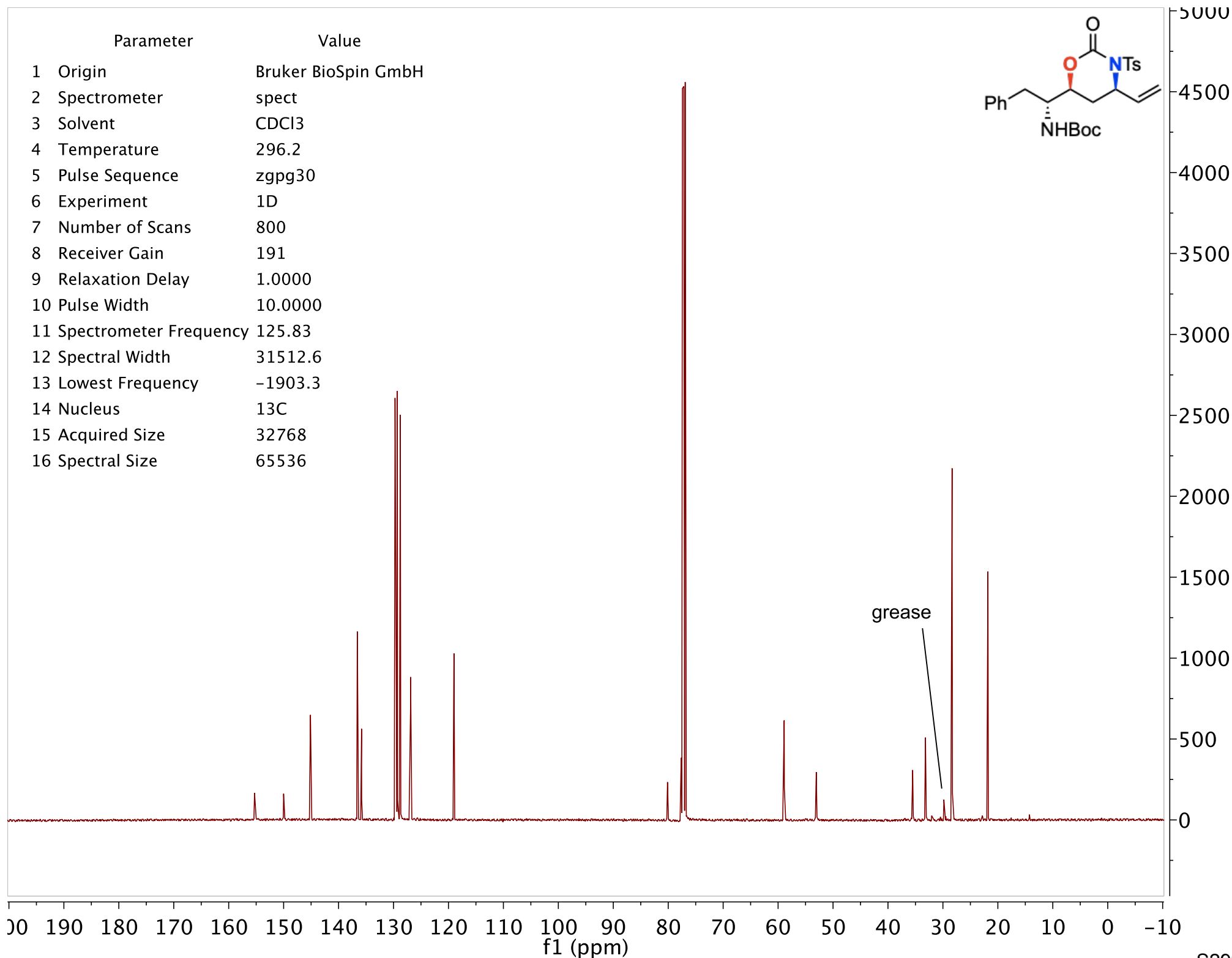
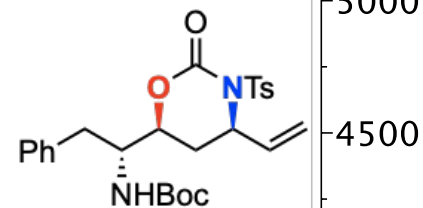
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1916.9
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



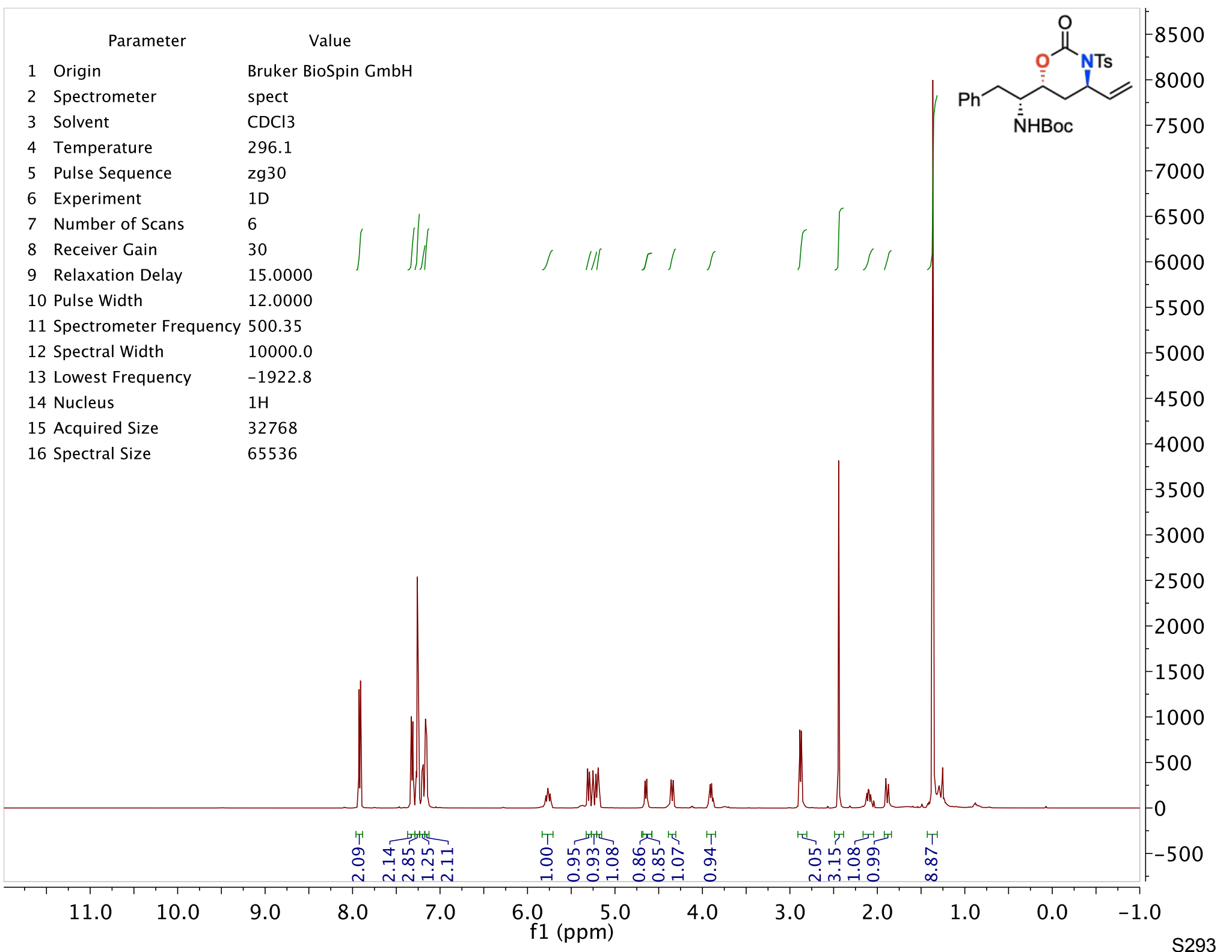
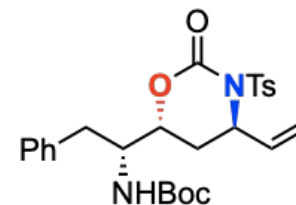
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1957.7
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



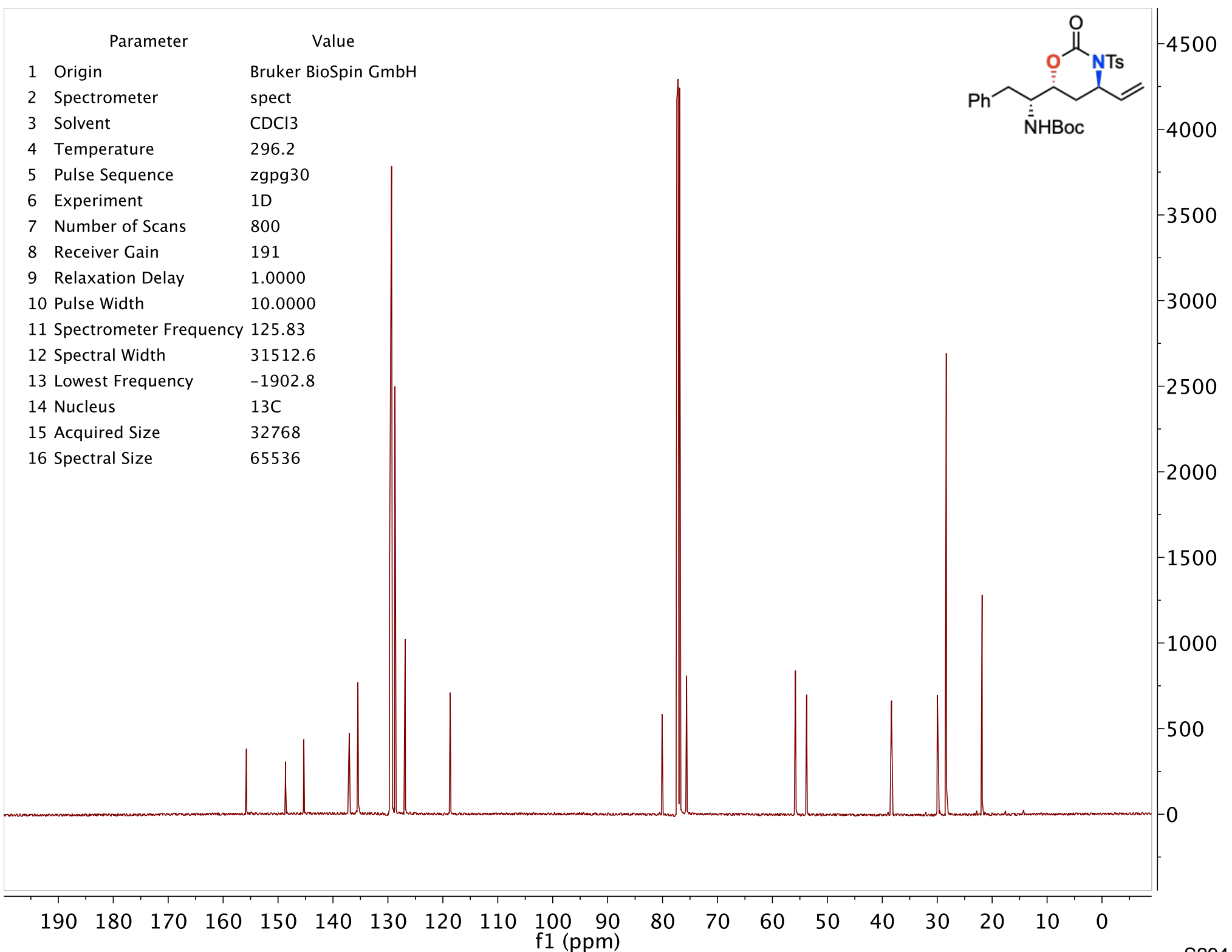
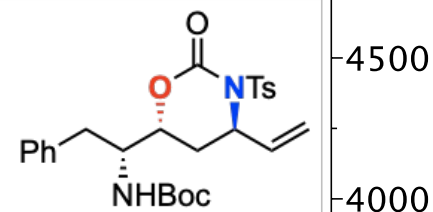
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.3
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



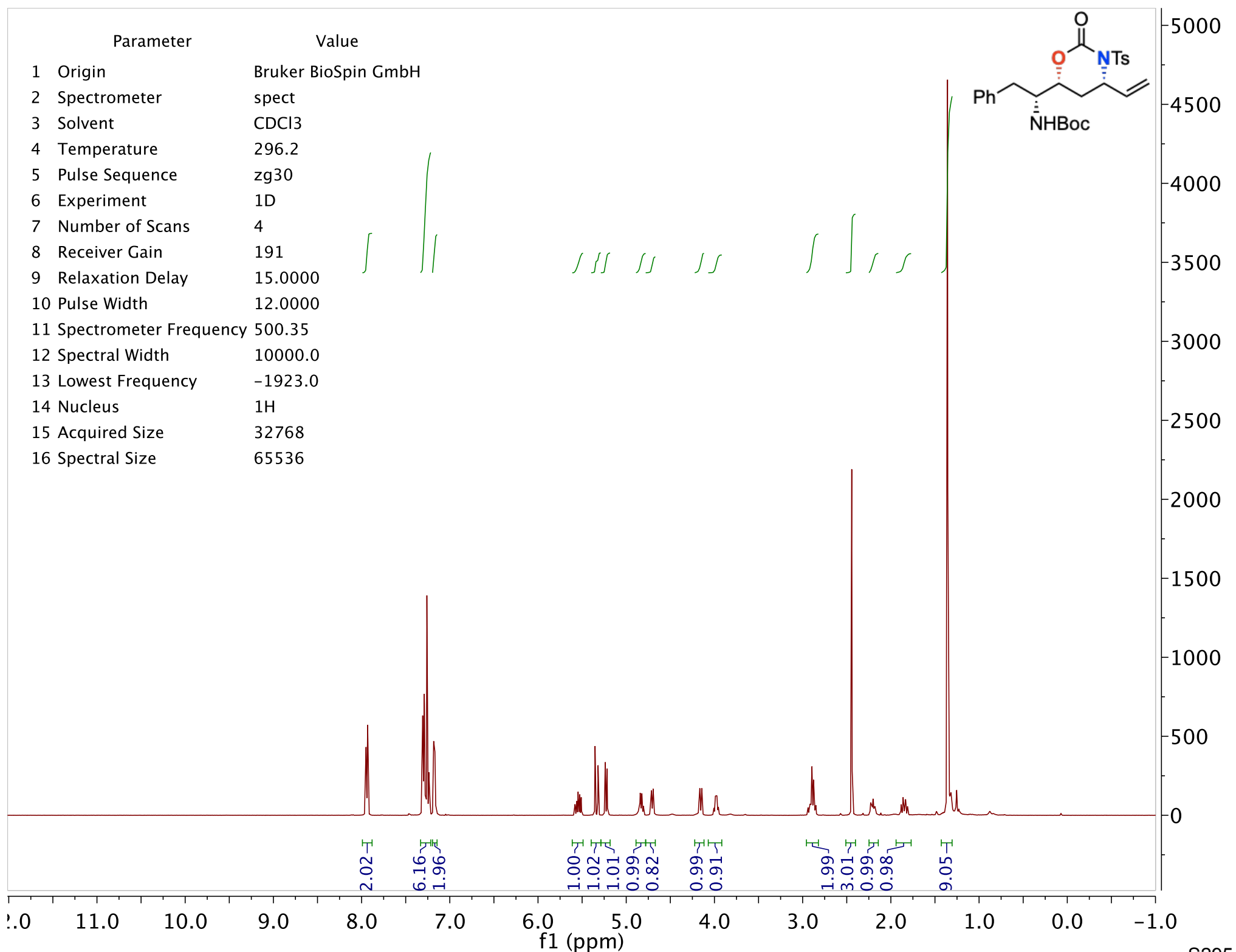
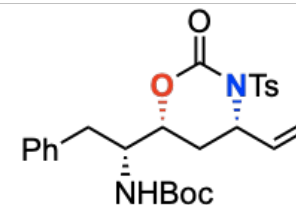
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	30
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1922.8
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



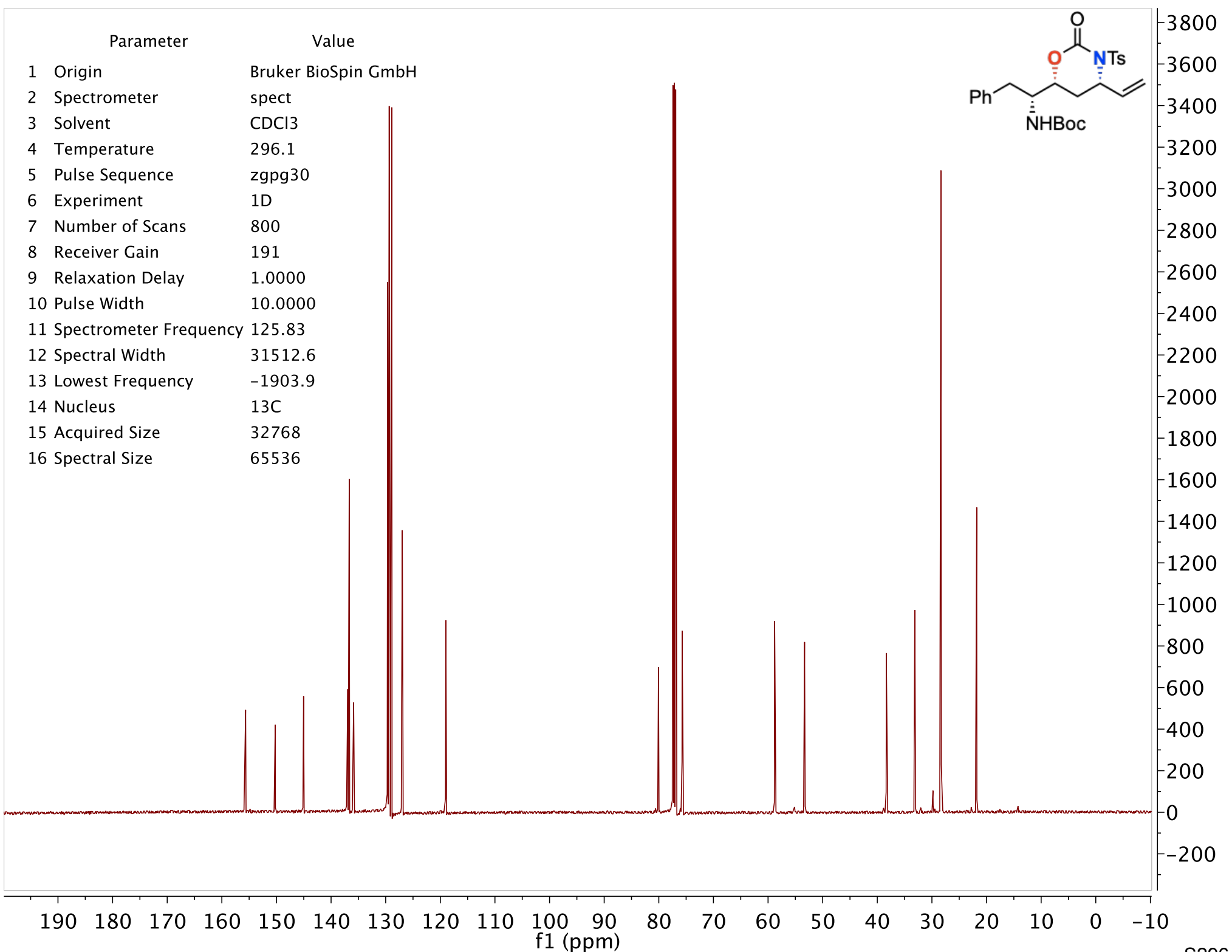
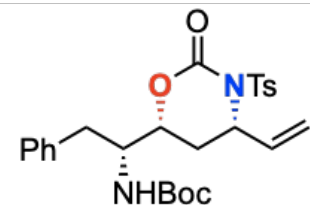
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1902.8
14 Nucleus	¹³ C
15 Acquired Size	32768
16 Spectral Size	65536



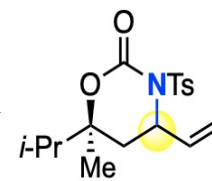
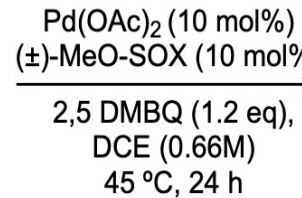
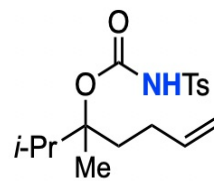
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.2
5 Pulse Sequence	zg30
6 Experiment	1D
7 Number of Scans	4
8 Receiver Gain	191
9 Relaxation Delay	15.0000
10 Pulse Width	12.0000
11 Spectrometer Frequency	500.35
12 Spectral Width	10000.0
13 Lowest Frequency	-1923.0
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



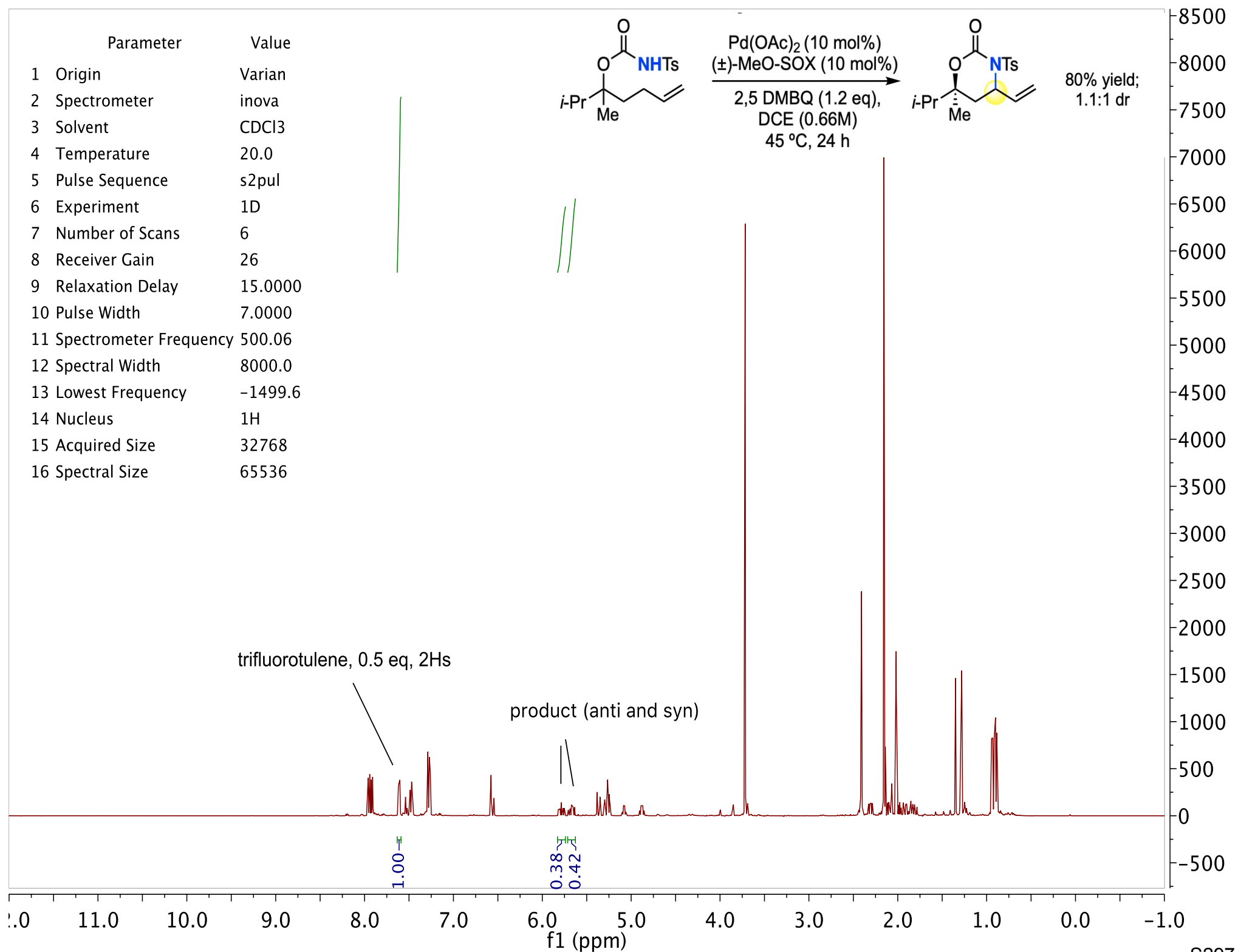
Parameter	Value
1 Origin	Bruker BioSpin GmbH
2 Spectrometer	spect
3 Solvent	CDCl3
4 Temperature	296.1
5 Pulse Sequence	zgpg30
6 Experiment	1D
7 Number of Scans	800
8 Receiver Gain	191
9 Relaxation Delay	1.0000
10 Pulse Width	10.0000
11 Spectrometer Frequency	125.83
12 Spectral Width	31512.6
13 Lowest Frequency	-1903.9
14 Nucleus	13C
15 Acquired Size	32768
16 Spectral Size	65536



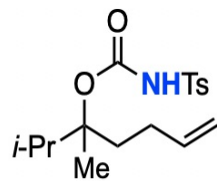
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	26
9 Relaxation Delay	15.0000
10 Pulse Width	7.0000
11 Spectrometer Frequency	500.06
12 Spectral Width	8000.0
13 Lowest Frequency	-1499.6
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



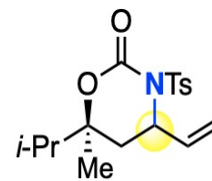
80% yield;
1.1:1 dr



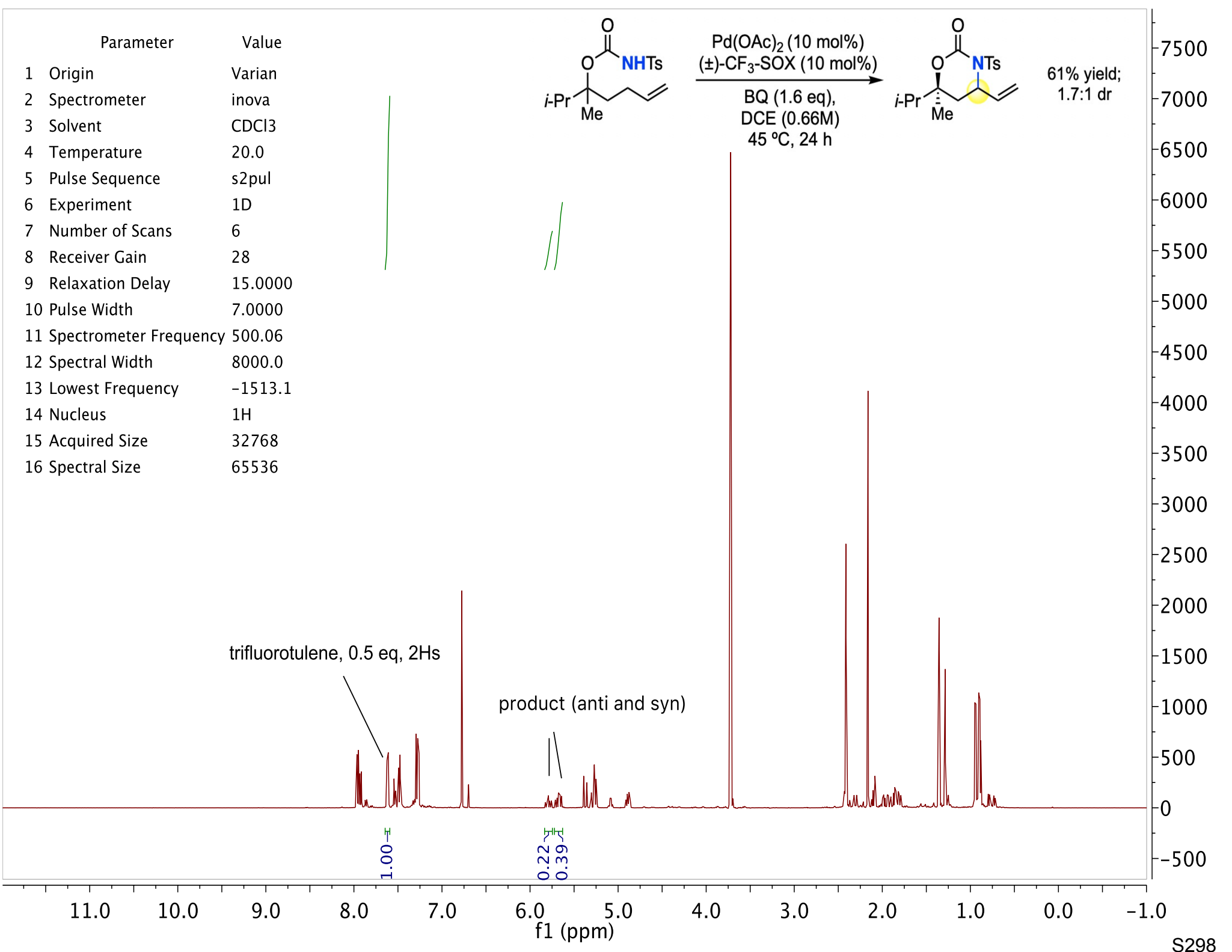
Parameter	Value
1 Origin	Varian
2 Spectrometer	inova
3 Solvent	CDCl3
4 Temperature	20.0
5 Pulse Sequence	s2pul
6 Experiment	1D
7 Number of Scans	6
8 Receiver Gain	28
9 Relaxation Delay	15.0000
10 Pulse Width	7.0000
11 Spectrometer Frequency	500.06
12 Spectral Width	8000.0
13 Lowest Frequency	-1513.1
14 Nucleus	1H
15 Acquired Size	32768
16 Spectral Size	65536



Pd(OAc)_2 (10 mol%)
 $(\pm)\text{-CF}_3\text{-SOX}$ (10 mol%)
 BQ (1.6 eq),
 DCE (0.66M)
 45 °C, 24 h



61% yield;
1.7:1 dr



```

=====
Injection Date   : 4/18/2019 3:18:49 PM      Seq. Line :    2
Sample Name     : antirac                    Location  : Vial 2
Acq. Operator   : ca                        Inj       :    1
Acq. Instrument : Instrument 1                Inj Volume: 5 µl
Different Inj Volume from Sequence !      Actual Inj Volume : 8 µl
Acq. Method     : C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\10IPARM.M
Last changed    : 4/18/2019 2:39:46 PM by ca
Analysis Method : C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\10IPARM.M
Last changed    : 4/19/2019 4:08:42 PM by ca
                  (modified after loading)

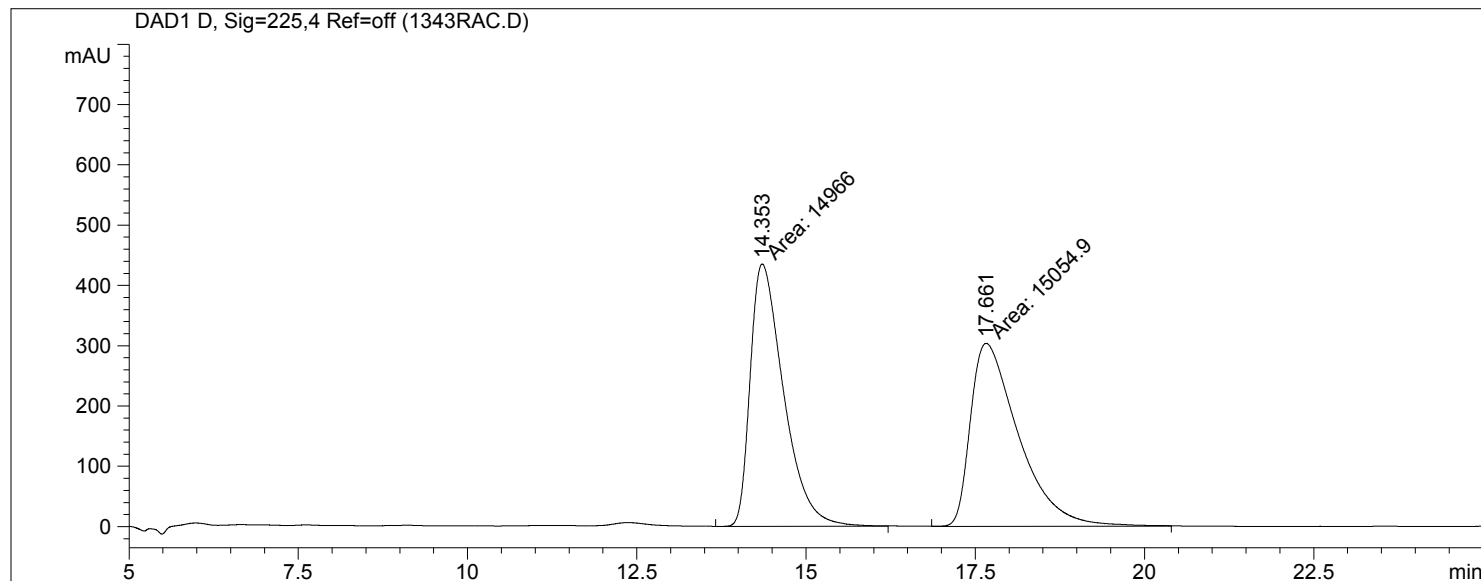
```

1a racemic standard

```

Chiralcel OJ-H, 1.0 ml/min, 30C
Normal Phase Chiral
90:10 Hexanes:iPrOH

```



```

=====
Area Percent Report
=====

```

```

Sorted By      :      Signal
Multiplier     :      1.0000
Dilution      :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: DAD1 D, Sig=225,4 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	14.353	MM	0.5728	1.49660e4	435.48294	49.8521
2	17.661	MM	0.8254	1.50549e4	304.00742	50.1479

```
Totals :                3.00209e4  739.49036
```

Results obtained with standard integrator!

```

=====
*** End of Report ***
=====

```

```

=====
Injection Date   : 4/18/2019 2:47:44 PM      Seq. Line :    1
Sample Name     : RM1343anti                 Location  : Vial 1
Acq. Operator  : ca                          Inj       :    1
Acq. Instrument : Instrument 1                Inj Volume: 5 µl
Acq. Method    : C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\10IPARM.M
Last changed   : 4/18/2019 2:39:46 PM by ca
Analysis Method: C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\10IPARM.M
Last changed   : 4/19/2019 4:10:38 PM by ca
                (modified after loading)

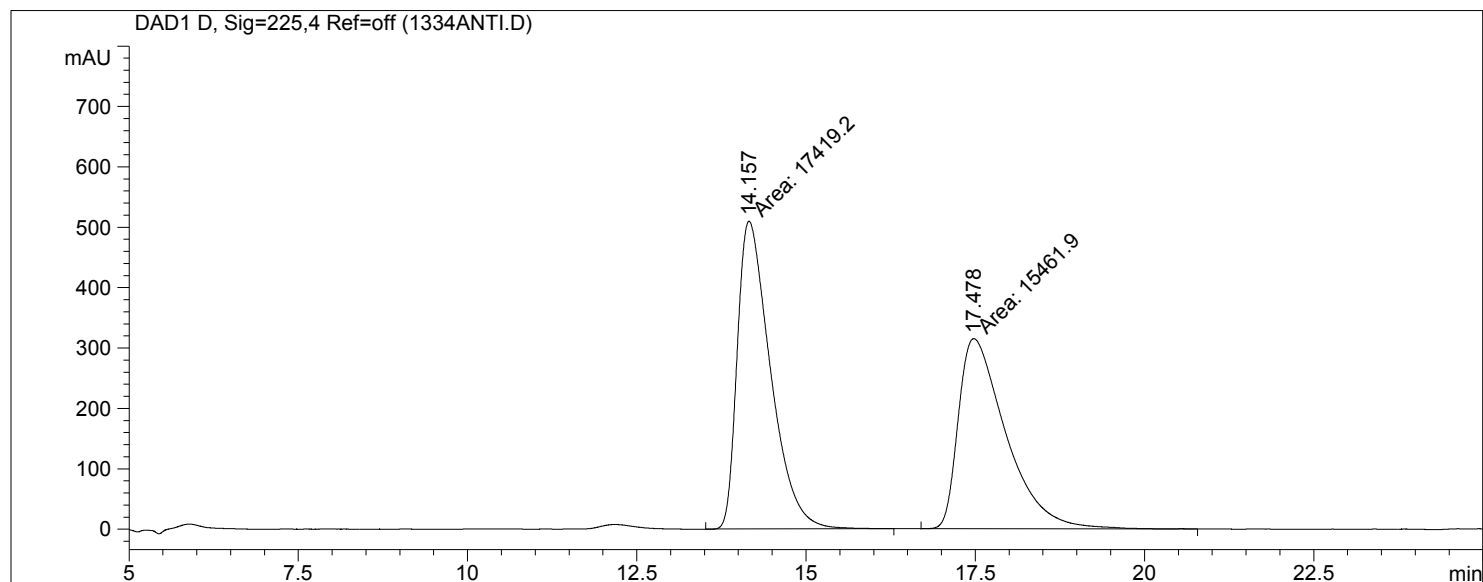
```

1a (with (-)-(S)- MeO-SOX)

```

Chiralcel OJ-H, 1.0 ml/min, 30C
Normal Phase Chiral
90:10 Hexanes:iPrOH

```



```

=====
Area Percent Report
=====

```

```

Sorted By      :      Signal
Multiplier     :      1.0000
Dilution       :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: DAD1 D, Sig=225,4 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	14.157	MM	0.5693	1.74192e4	509.93698	52.9764
2	17.478	MM	0.8176	1.54619e4	315.17816	47.0236

```
Totals :                3.28811e4    825.11514
```

Results obtained with standard integrator!

```

=====
*** End of Report ***

```

```

=====
Injection Date   : 4/19/2019 6:10:30 PM      Seq. Line   :    1
Sample Name     : RM1343SM-4                Location    : Vial 1
Acq. Operator   : ca                       Inj         :    1
Acq. Instrument : Instrument 1              Inj Volume  : 5 µl
Different Inj Volume from Sequence !      Actual Inj Volume : 8 µl
Acq. Method     : C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\05IPARM2.M
Last changed    : 4/19/2019 5:49:00 PM by ca
Analysis Method : C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\05IPARM.M
Last changed    : 4/19/2019 5:46:27 PM by ca
                  (modified after loading)

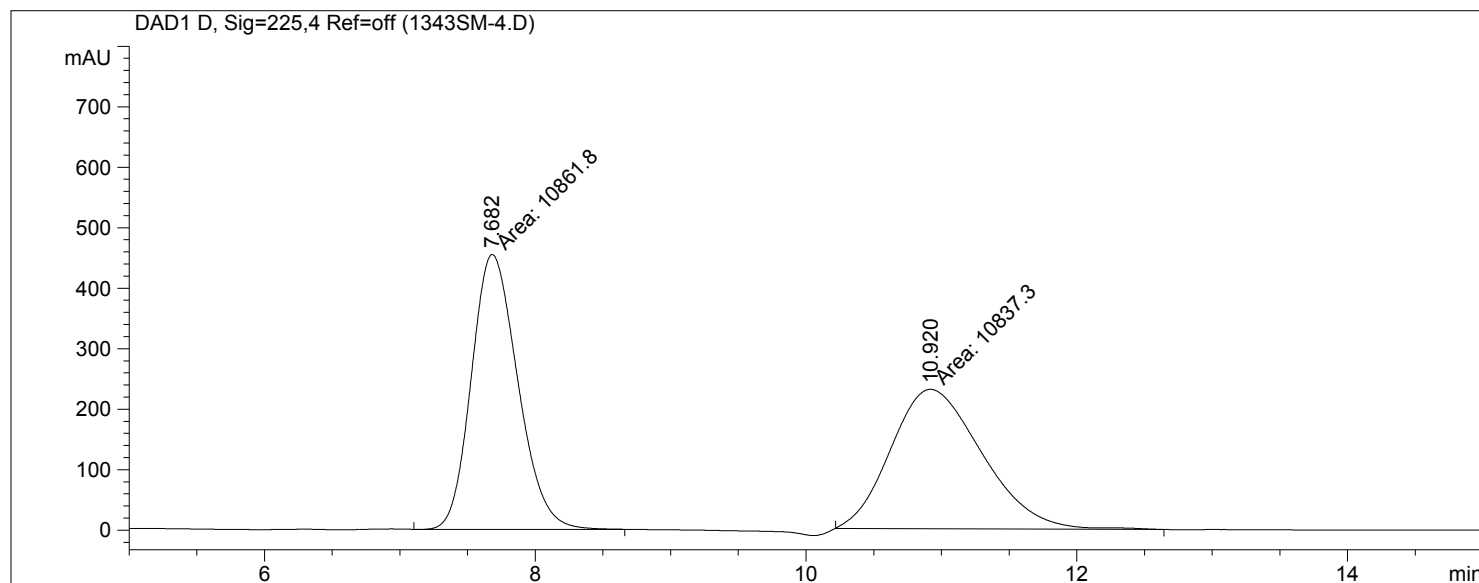
```

S1 racemic standard

```

Chiralcel OJ-H, 1.0 ml/min, 30C
Normal Phase Chiral
95:5 Hexanes:iPrOH

```



```

=====
Area Percent Report
=====

```

```

Sorted By      :      Signal
Multiplier     :      1.0000
Dilution      :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: DAD1 D, Sig=225,4 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.682	MM	0.3981	1.08618e4	454.78665	50.0565
2	10.920	MM	0.7825	1.08373e4	230.82843	49.9435

```
Totals :                2.16992e4    685.61508
```

Results obtained with standard integrator!

```

=====
*** End of Report ***

```

```

=====
Injection Date   : 4/19/2019 3:22:43 PM      Seq. Line :    1
Sample Name     : RM1343RSM                  Location  : Vial 1
Acq. Operator   : ca                        Inj       :    1
Acq. Instrument : Instrument 1                Inj Volume: 5 µl
Different Inj Volume from Sequence !      Actual Inj Volume : 10 µl
Acq. Method     : C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\05IPARM.M
Last changed    : 4/19/2019 2:18:34 PM by ca
Analysis Method : C:\HPCHEM\1\METHODS\NORMAL\CHIRAL\OJ\05IPARM.M
Last changed    : 4/19/2019 3:58:42 PM by ca
                  (modified after loading)

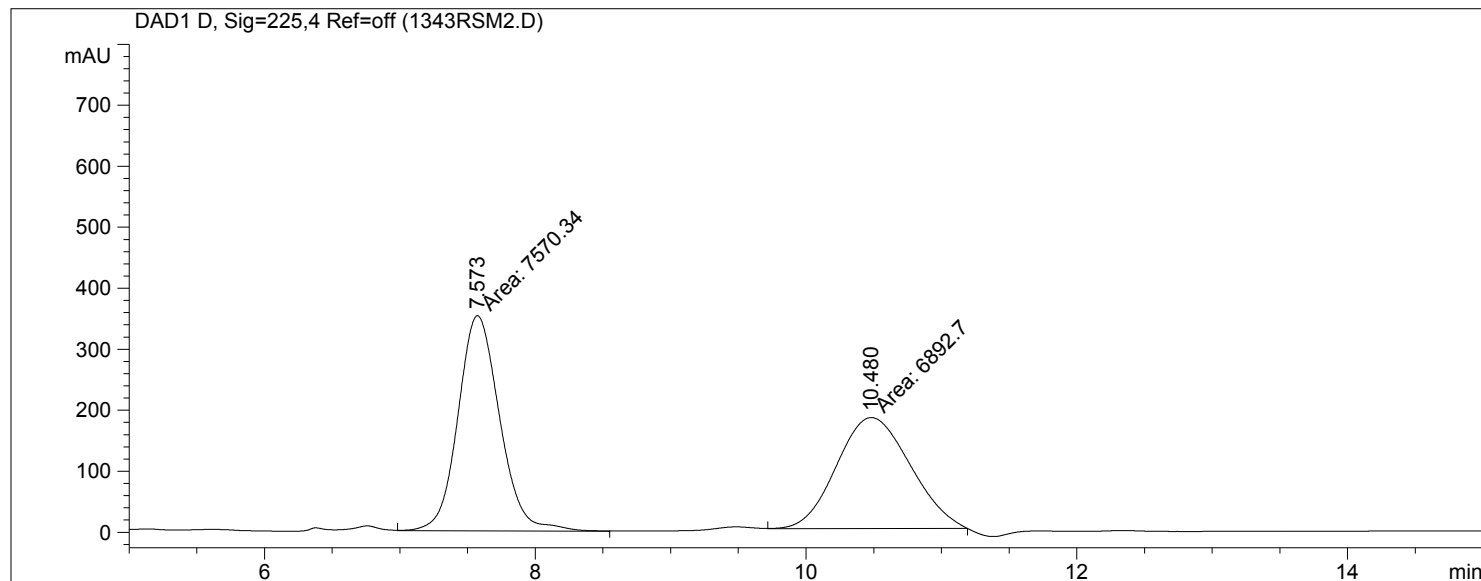
```

**recovered starting
material S1**

```

Chiralcel OJ-H, 1.0 ml/min, 30C
Normal Phase Chiral
95:5 Hexanes:iPrOH

```



=====
Area Percent Report
=====

```

Sorted By      :      Signal
Multiplier     :      1.0000
Dilution       :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: DAD1 D, Sig=225,4 Ref=off

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	7.573	MM	0.3574	7570.34277	352.98996	52.3427
2	10.480	MM	0.6307	6892.70361	182.14532	47.6573

Totals : 1.44630e4 535.13528

Results obtained with standard integrator!

=====
*** End of Report ***