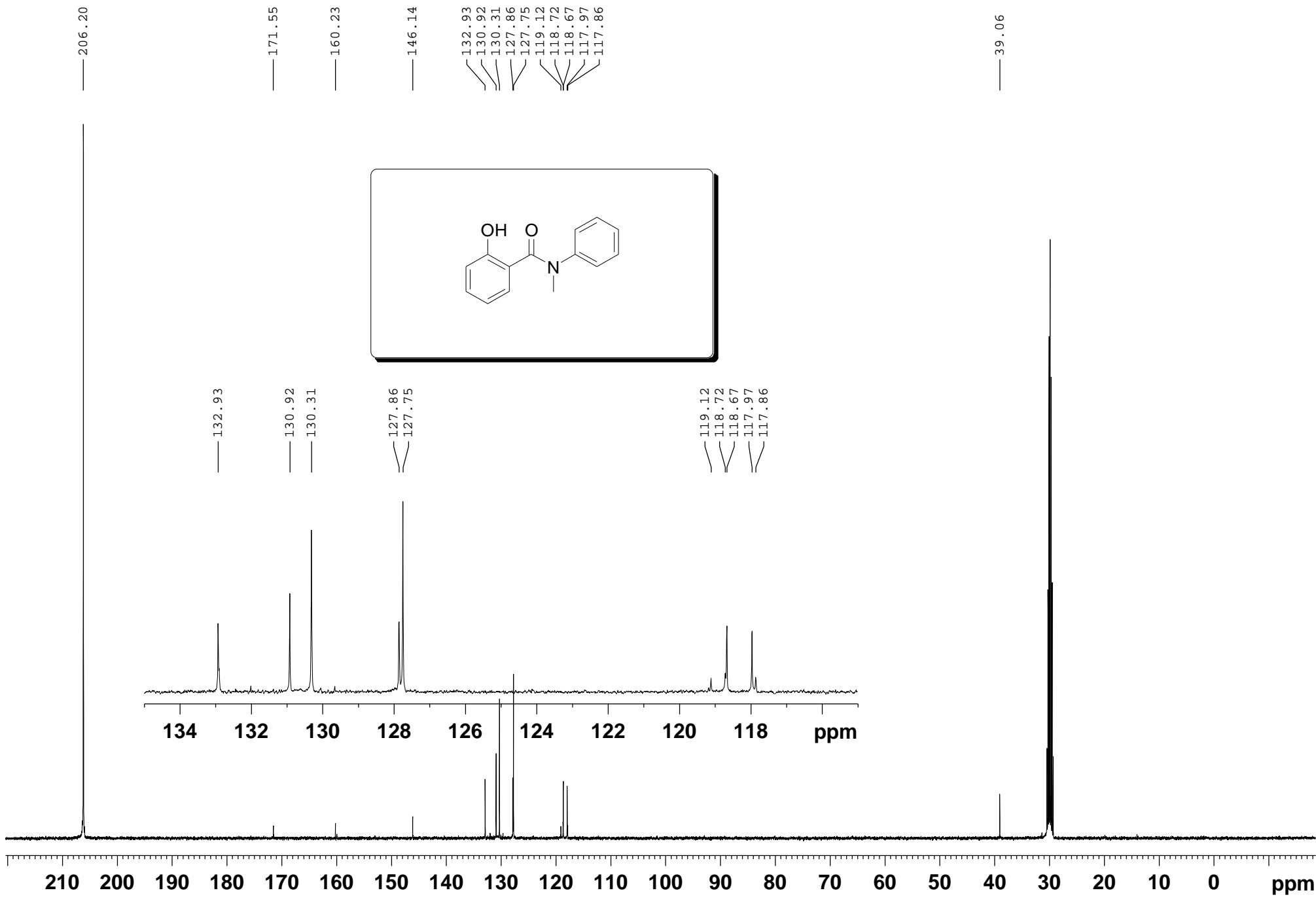
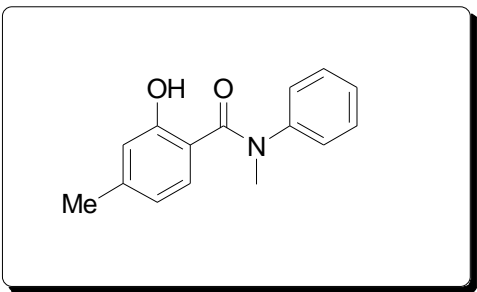
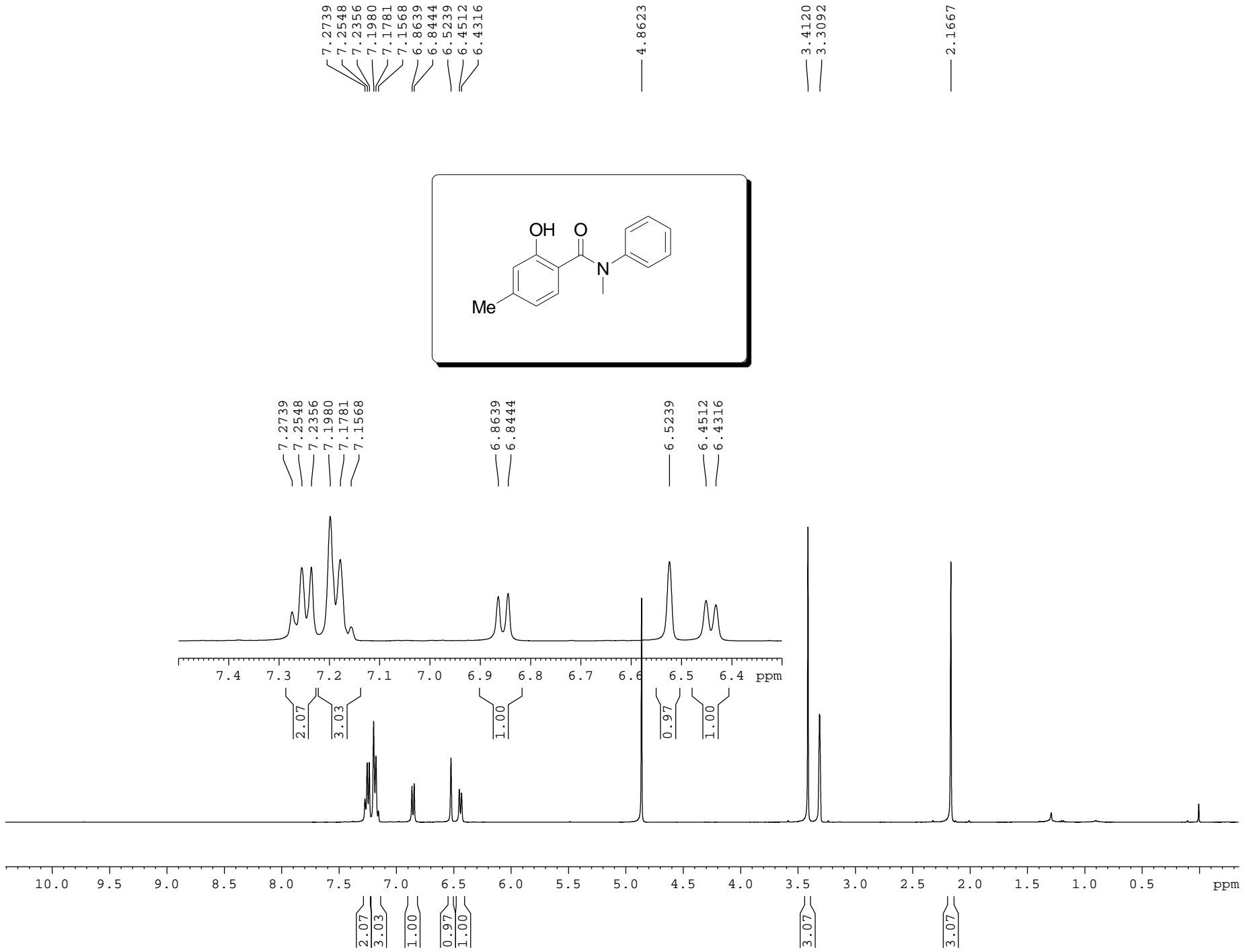


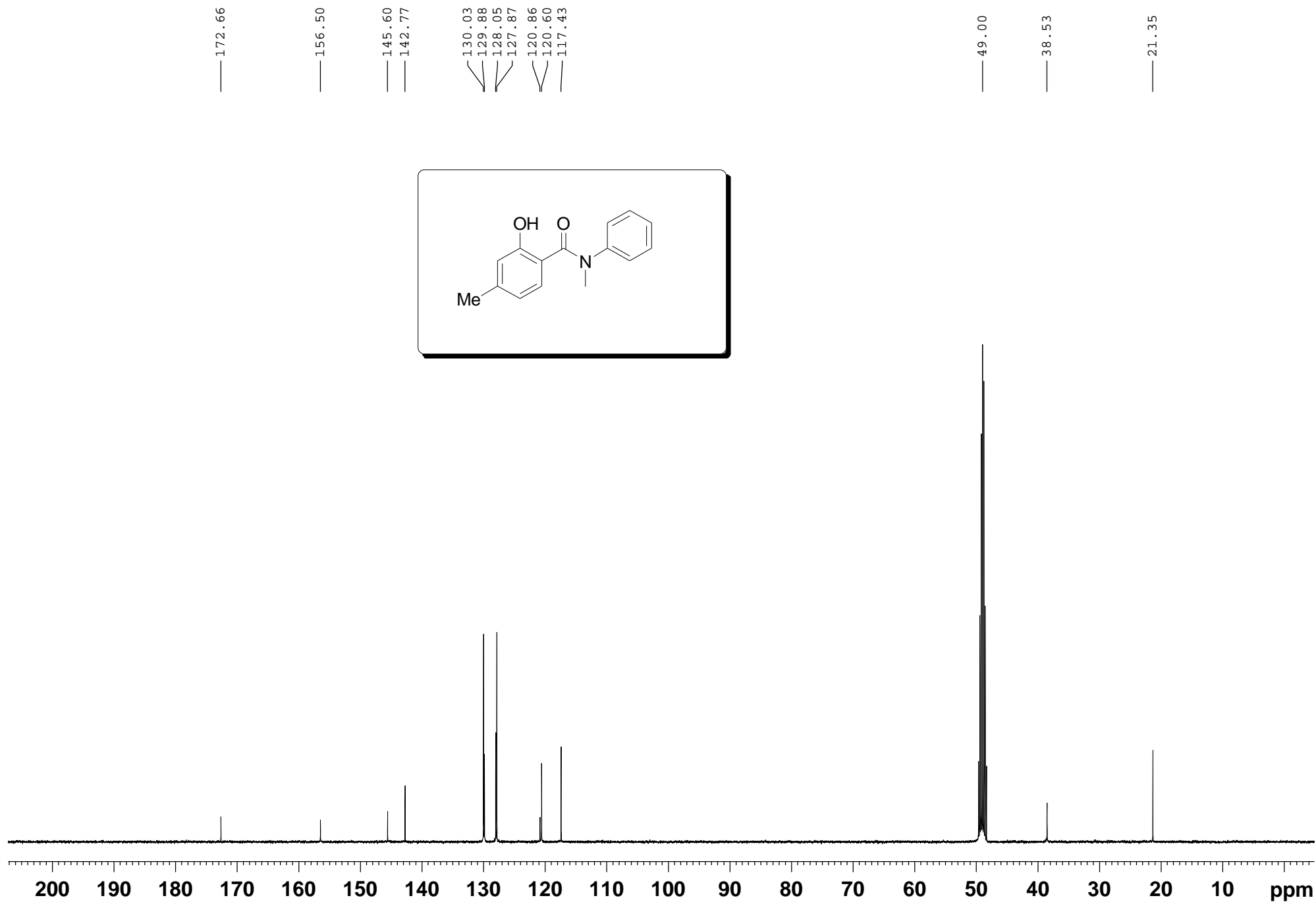
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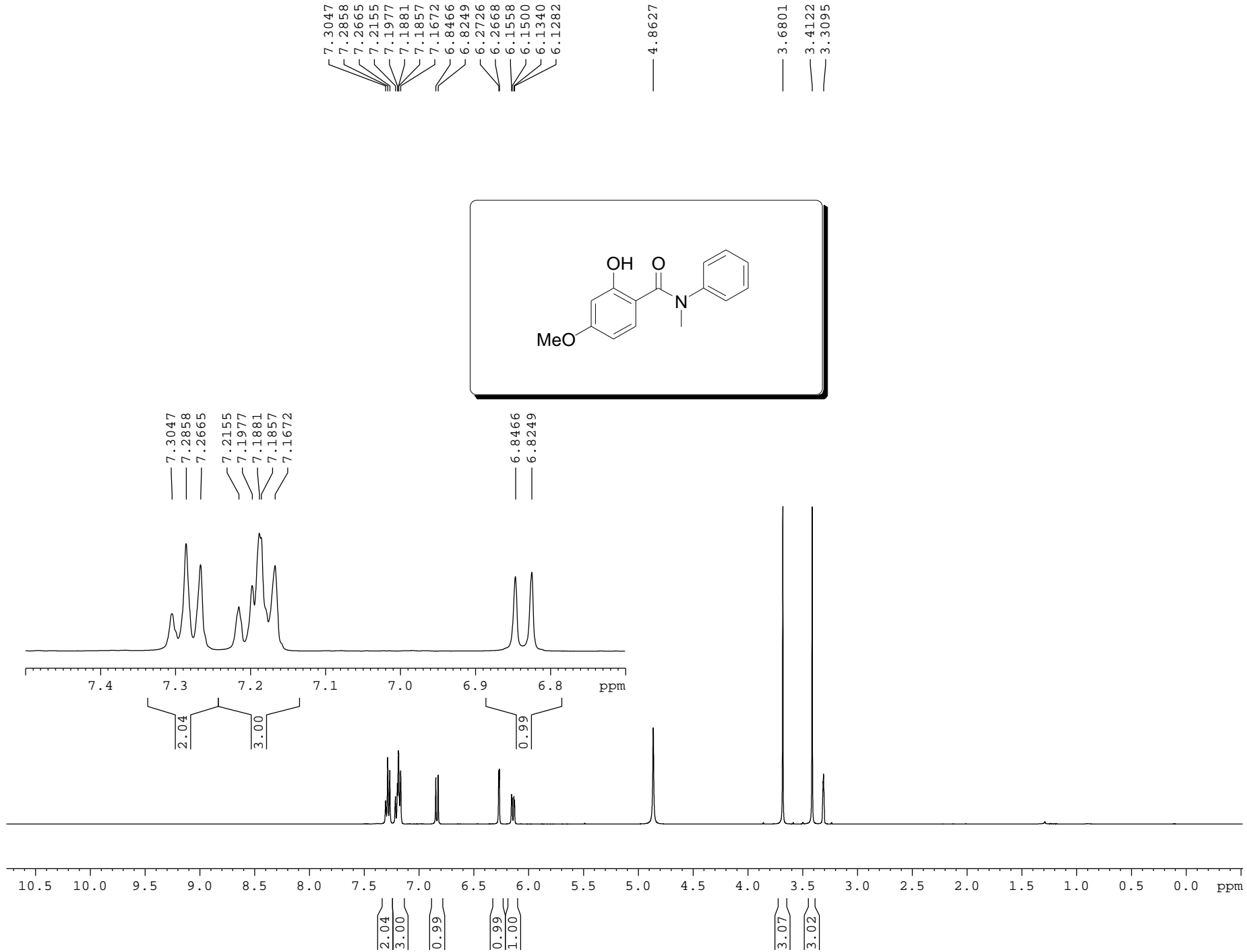
3.4356

2.0501





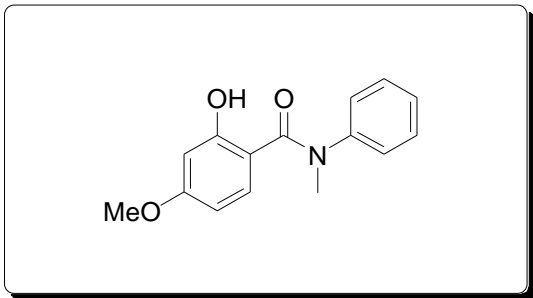




7.3047
7.2858
7.2665
7.2155
7.1977
7.1881
7.1857
7.1672
6.8466
6.8249
6.2726
6.2668
6.1558
6.1500
6.1340
6.1282

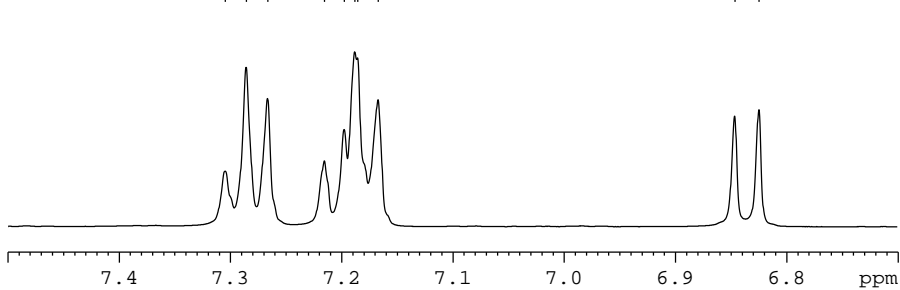
4.8627

3.6801
3.4122
3.3095

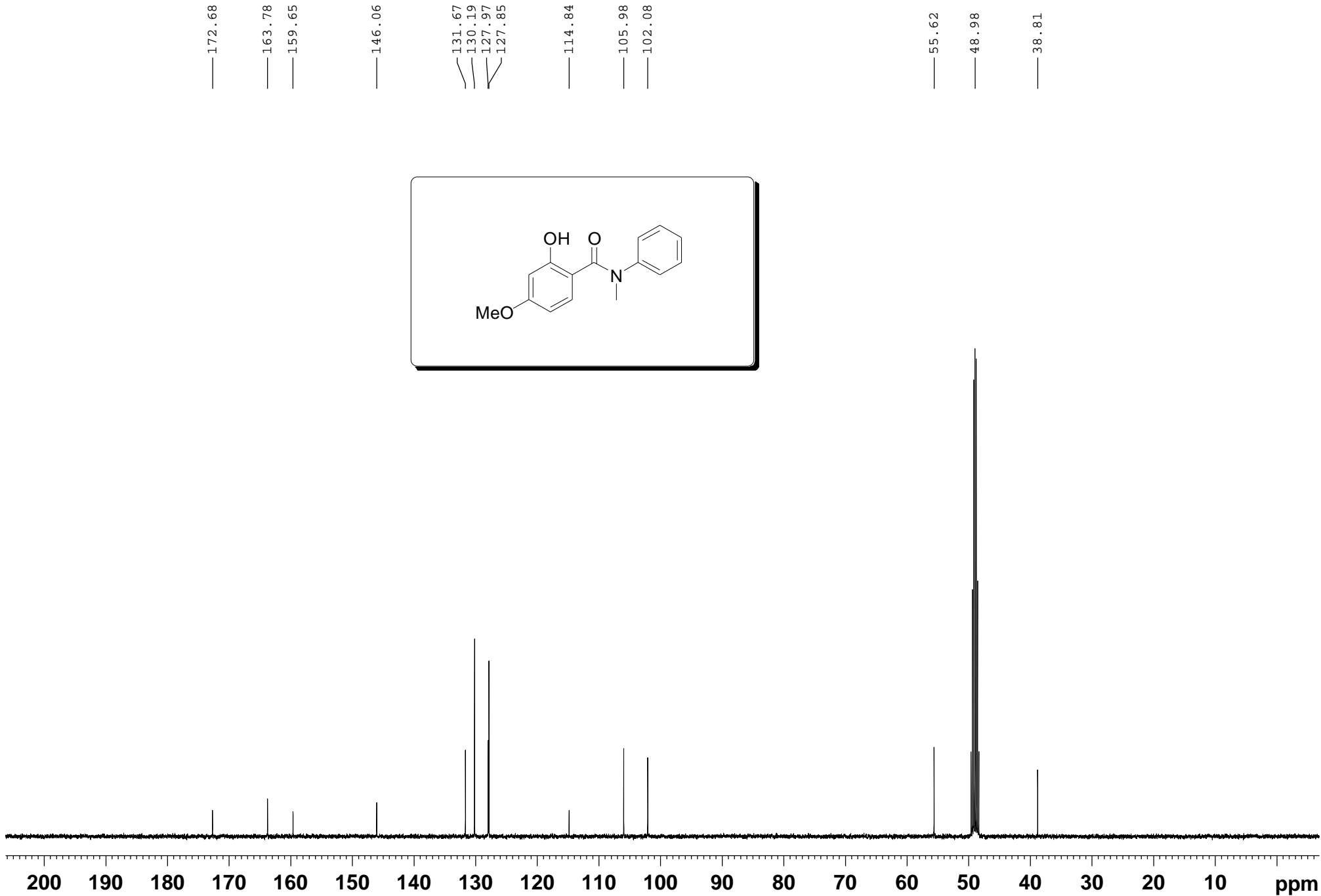


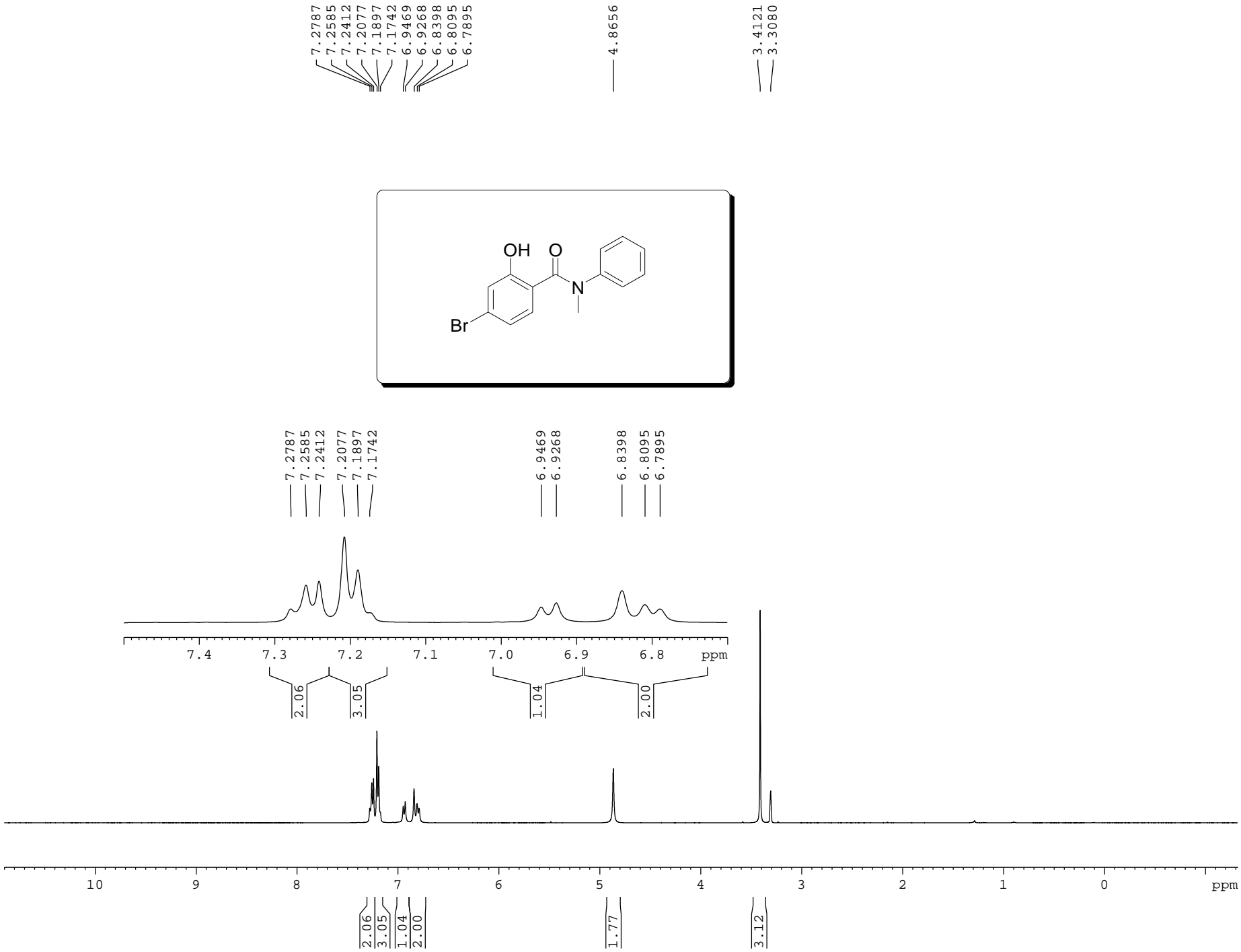
7.3047
7.2858
7.2665
7.2155
7.1977
7.1881
7.1857
7.1672

6.8466
6.8249



3.07
3.02

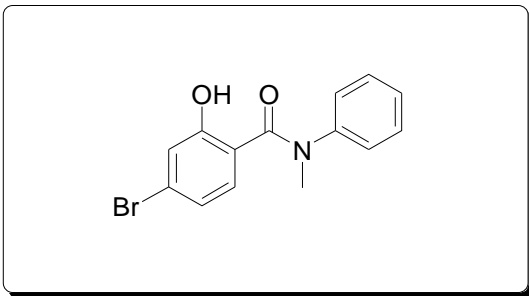




7.2787
7.2585
7.2412
7.2077
7.1897
7.1742
6.9469
6.9268
6.8398
6.8095
6.7895

— 4.8656

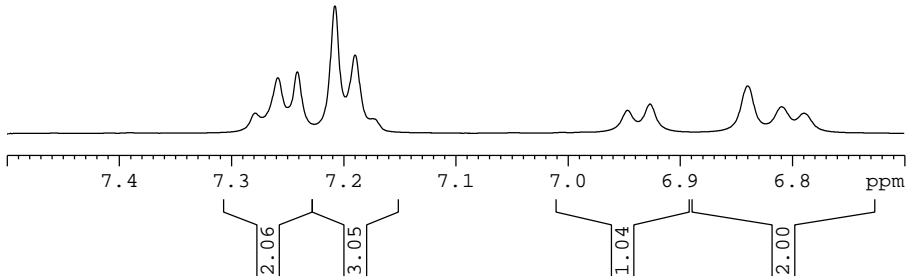
— 3.4121
— 3.3080



7.2787
7.2585
7.2412
7.2077
7.1897
7.1742

— 6.9469
— 6.9268

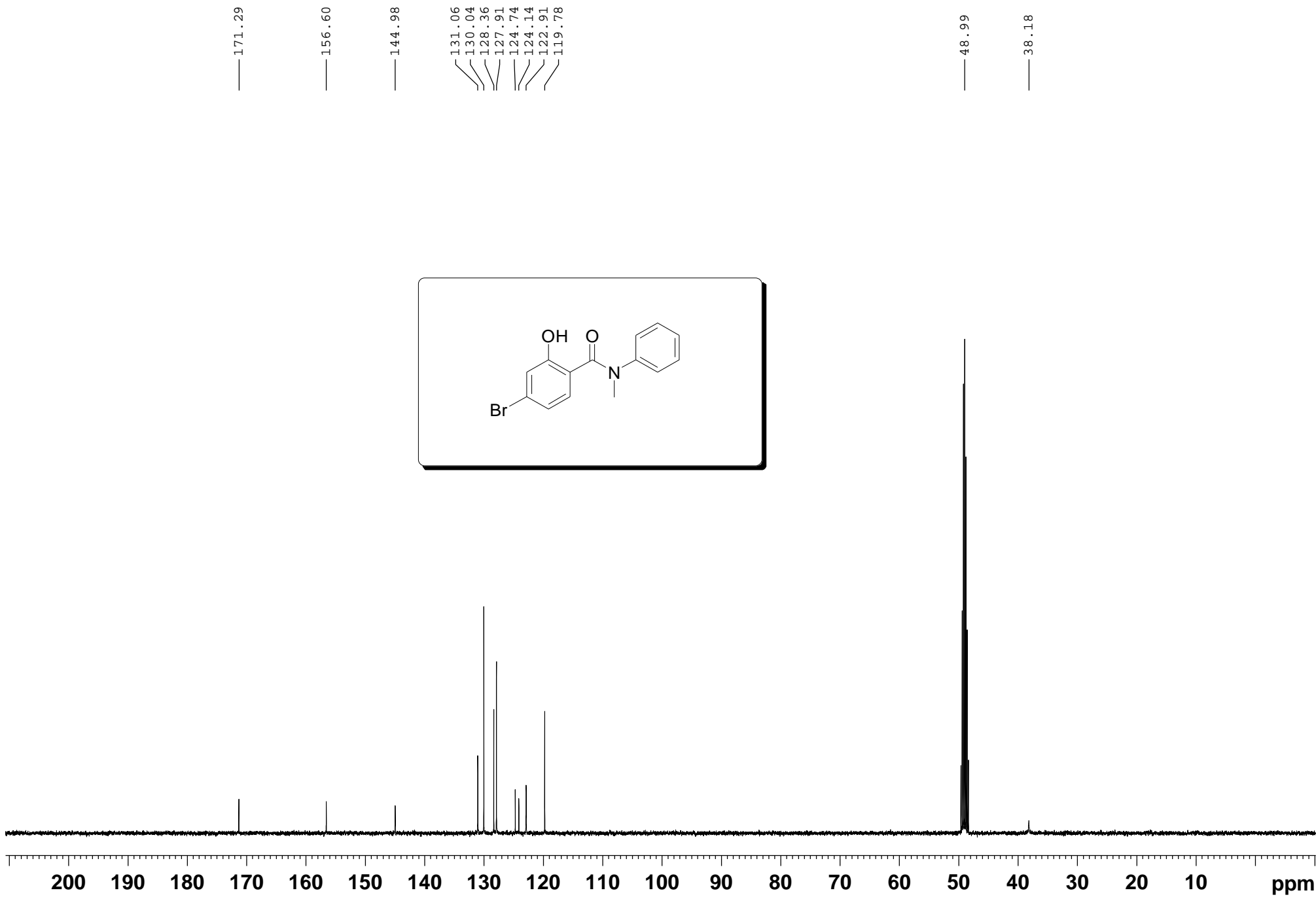
— 6.8398
— 6.8095
— 6.7895

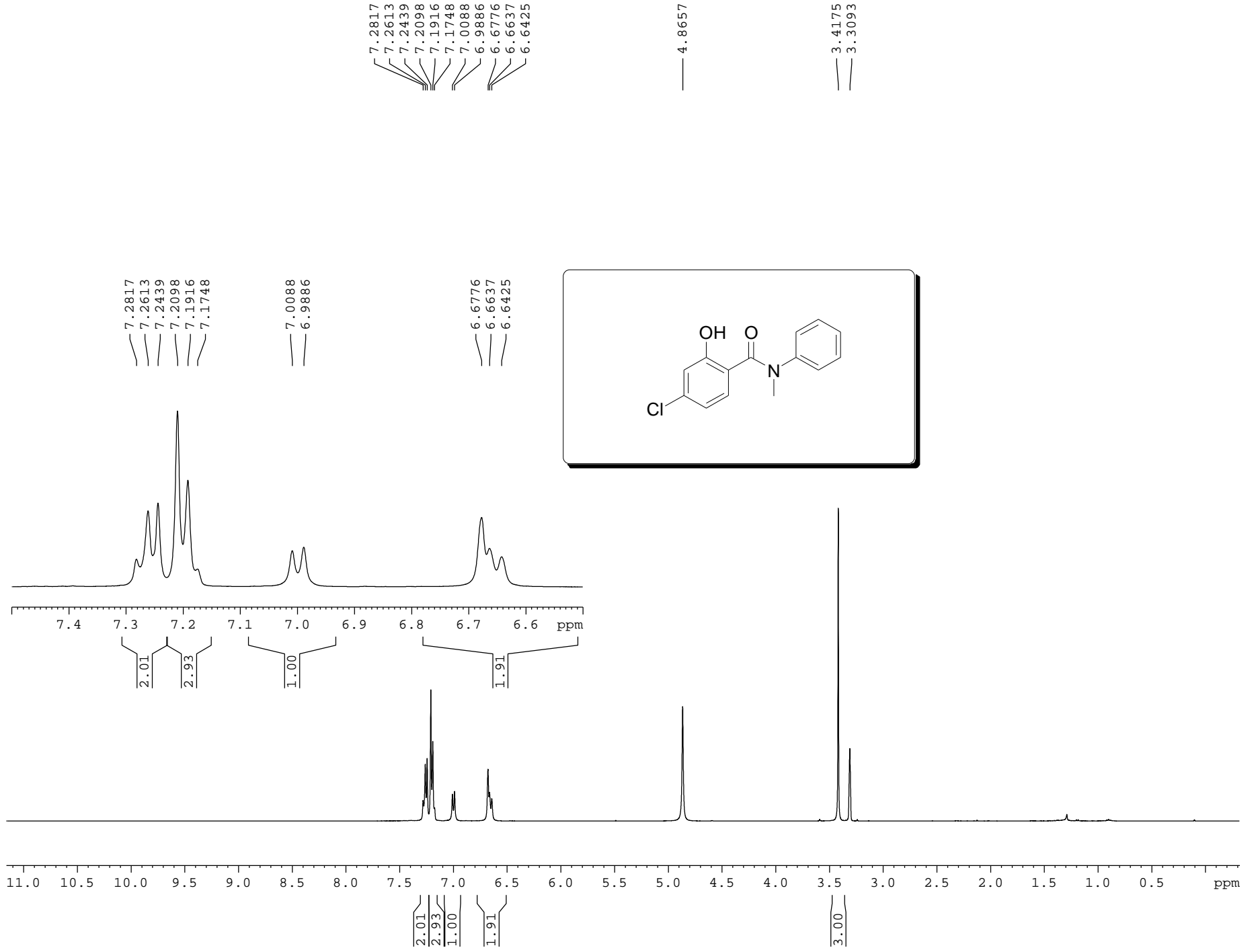
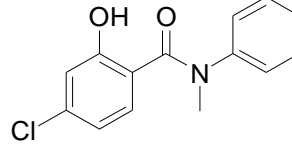


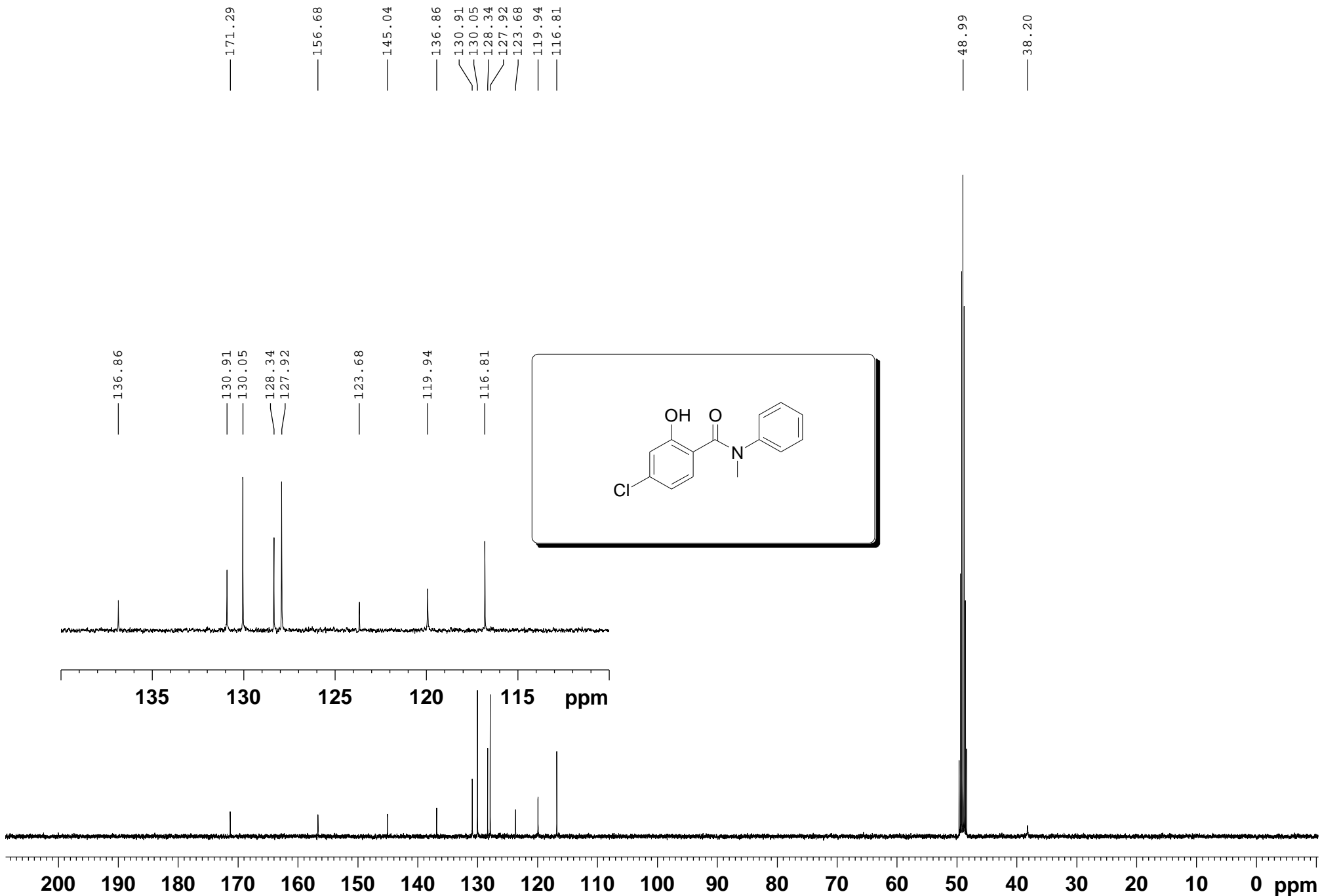
2.06
3.05
1.04
2.00

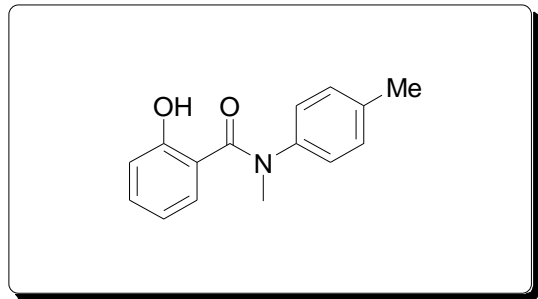
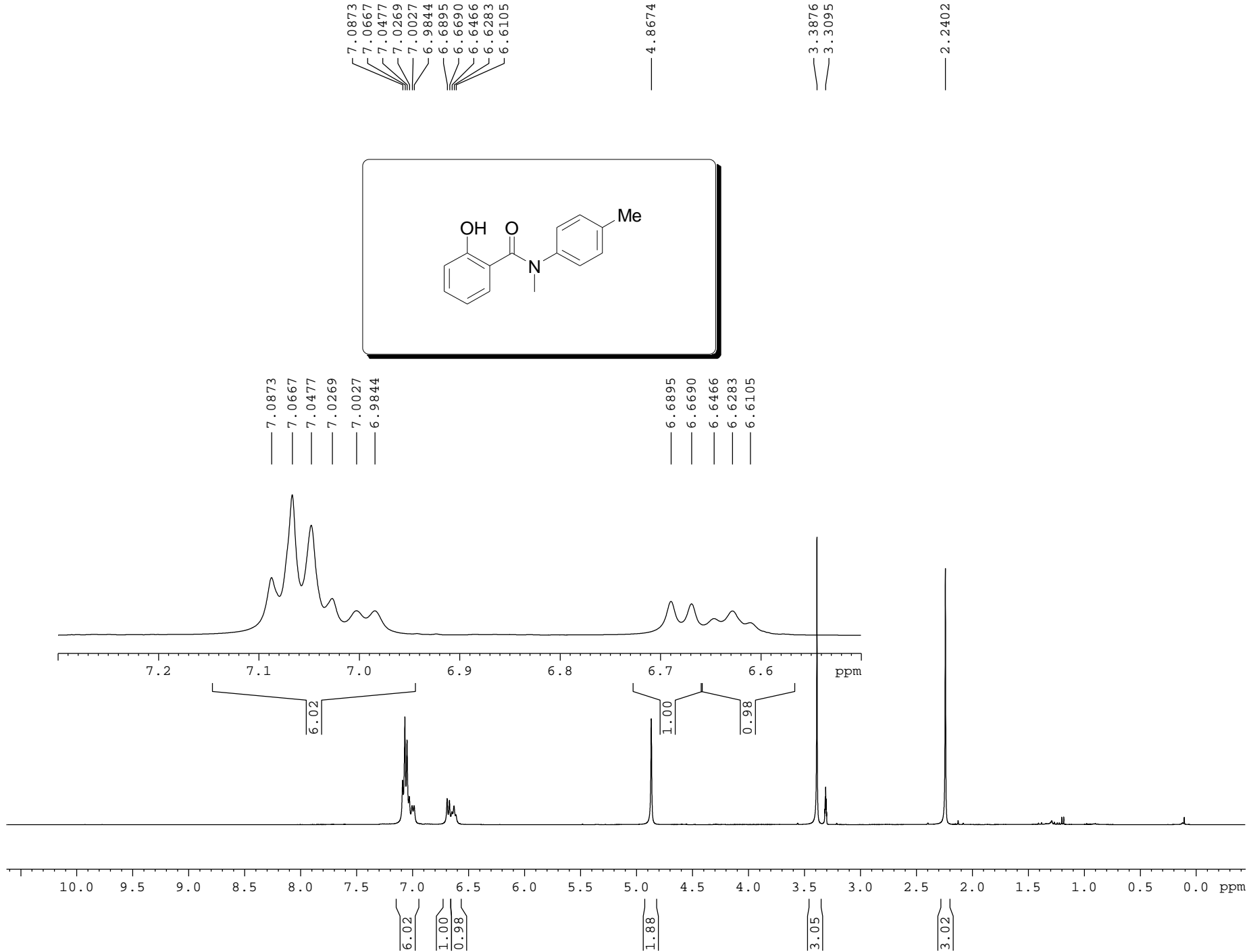
1.77

3.12









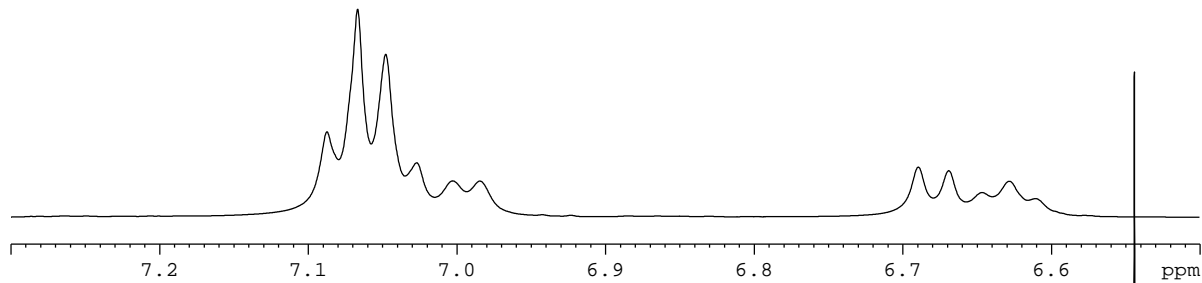
7.0873
7.0667
7.0477
7.0269
7.0027
6.9844

6.6895
6.6690
6.6466
6.6283
6.6105

4.8674

3.3876
3.3095

2.2402



6.02
1.00
0.98

1.88

3.05

3.02

— 172.44

— 155.85

— 142.72

— 138.15

— 131.75

— 130.50

— 129.69

— 127.63

— 124.50

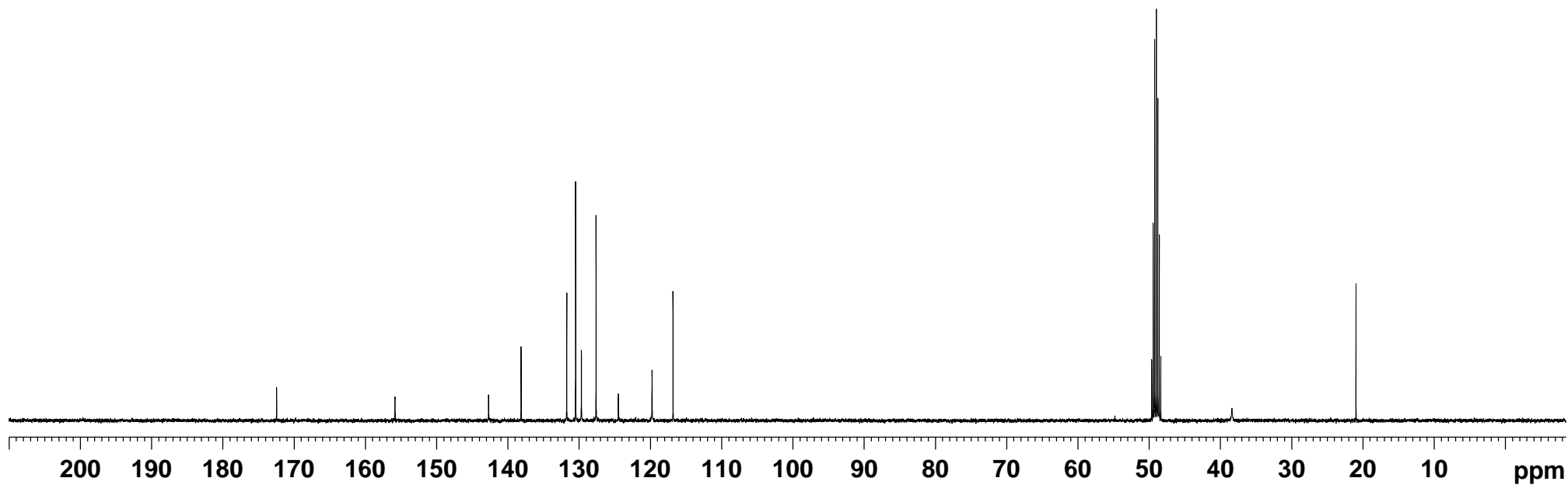
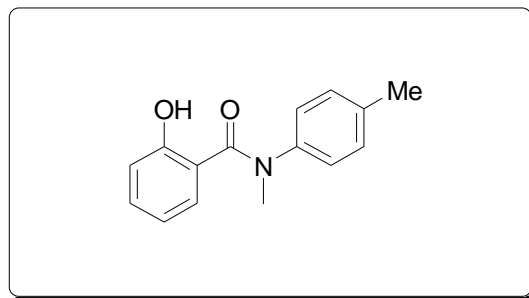
— 119.77

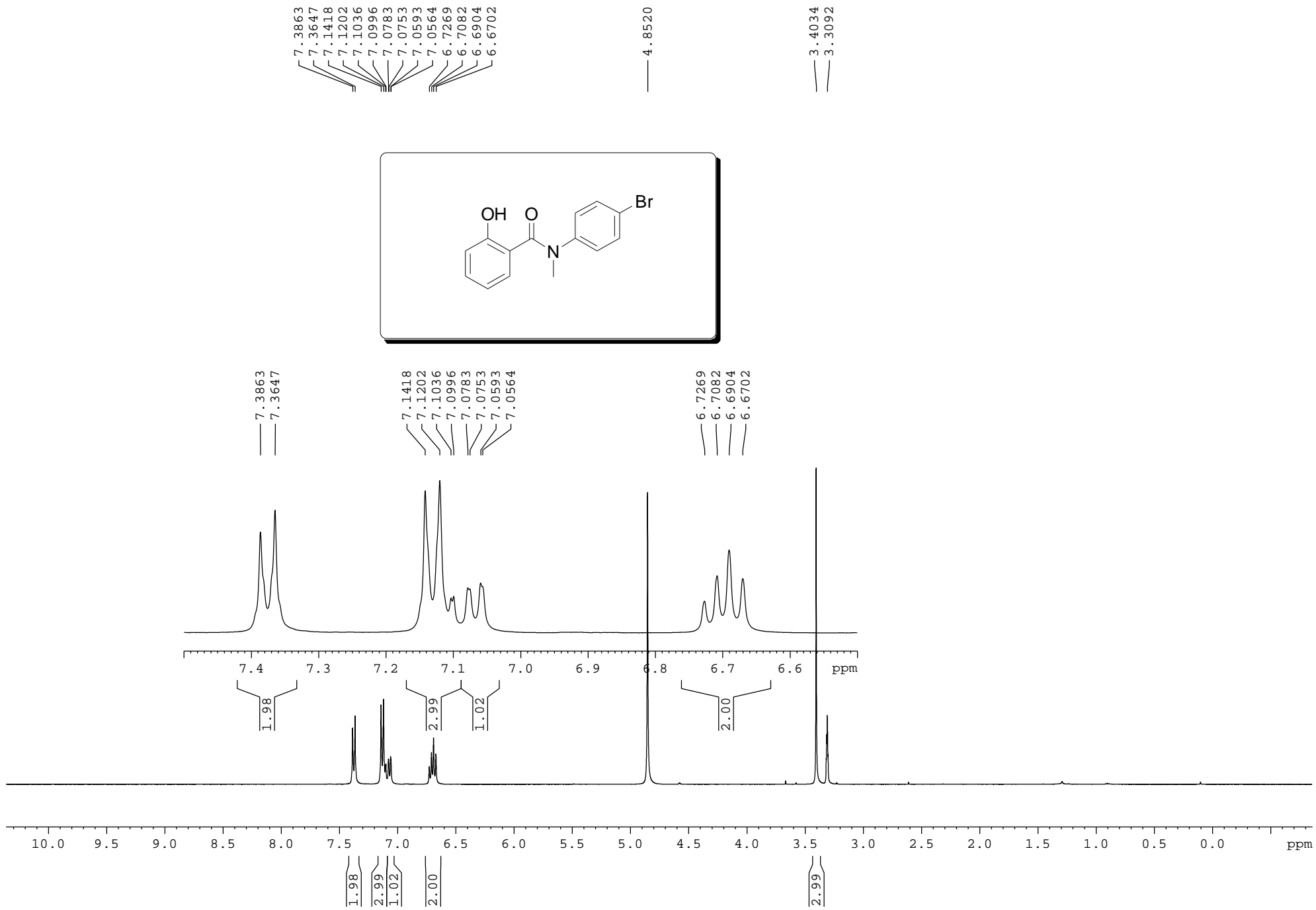
— 116.83

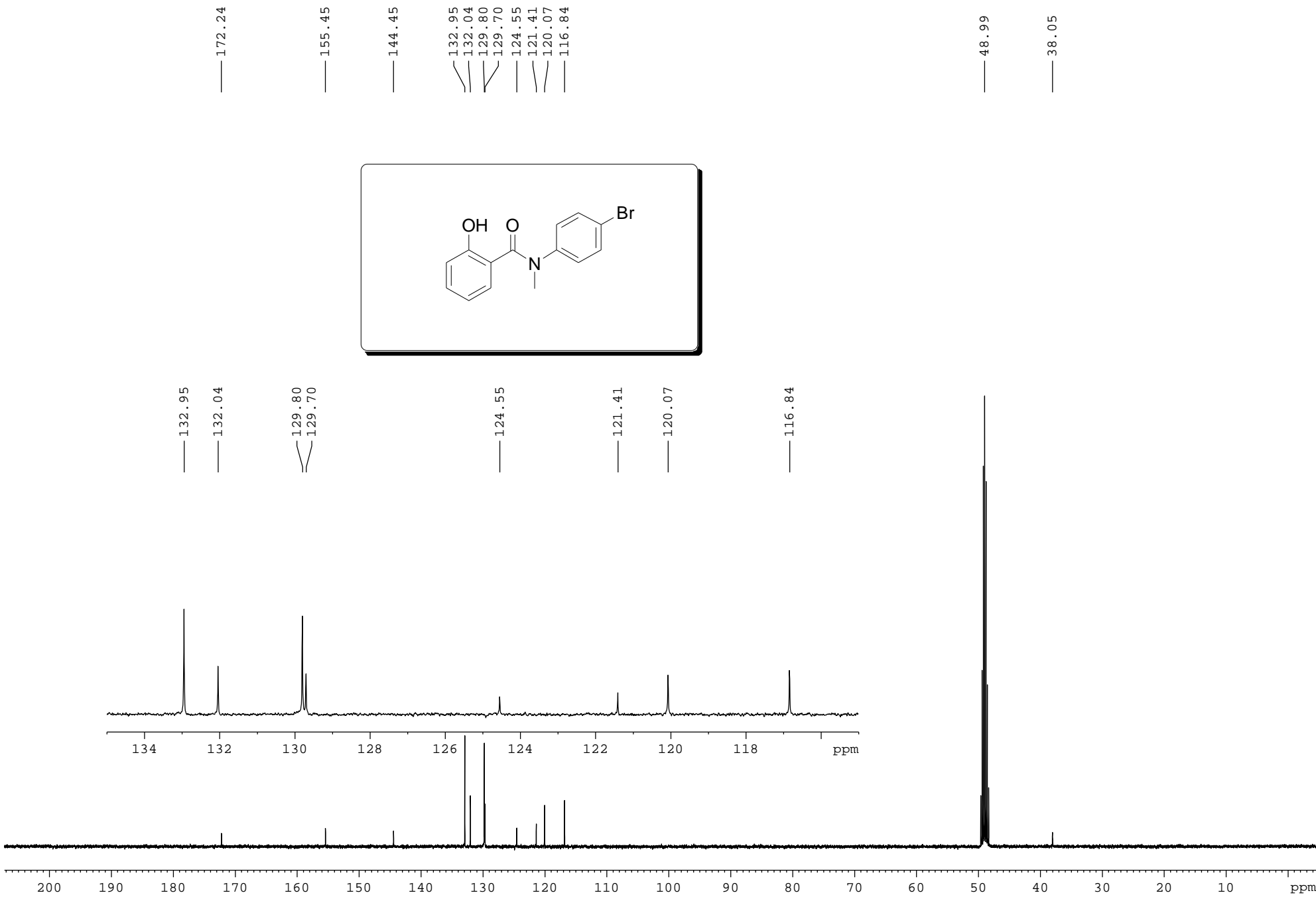
— 49.00

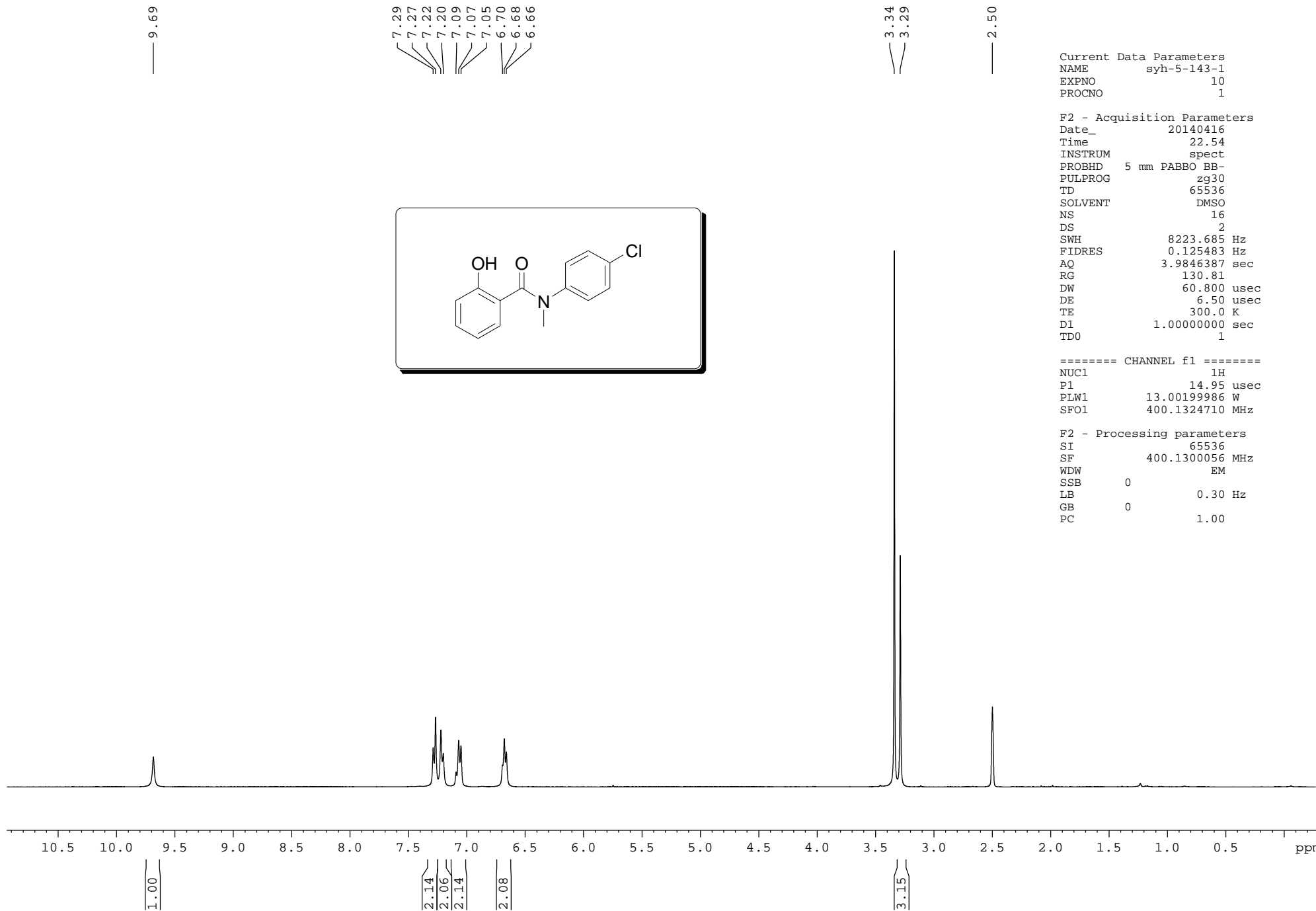
— 38.36

— 20.96







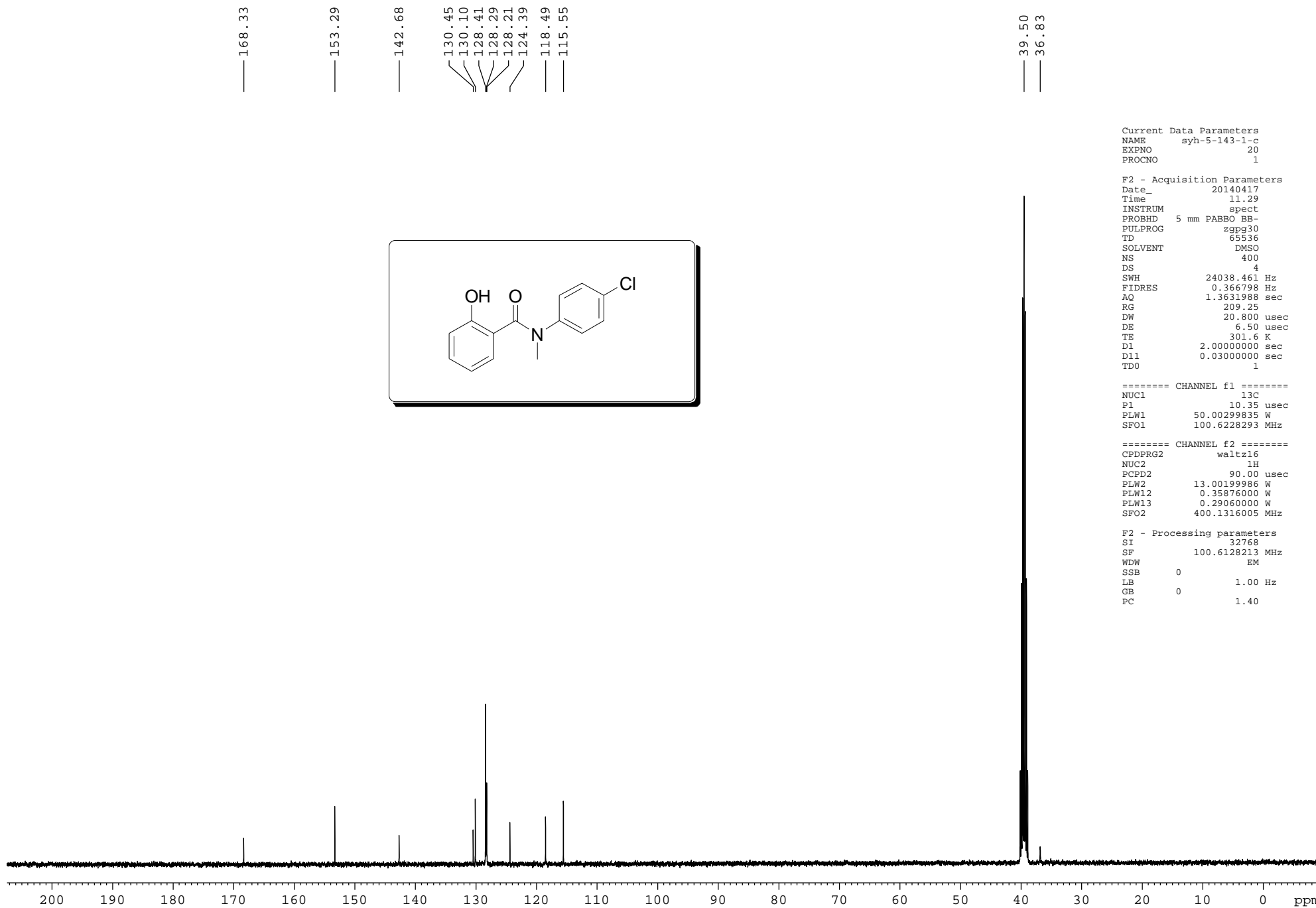


Current Data Parameters
 NAME syh-5-143-1
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140416
 Time 22.54
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 130.81
 DW 60.800 usec
 DE 6.50 usec
 TE 300.0 K
 D1 1.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.95 usec
 PLW1 13.00199986 W
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 65536
 SF 400.1300056 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



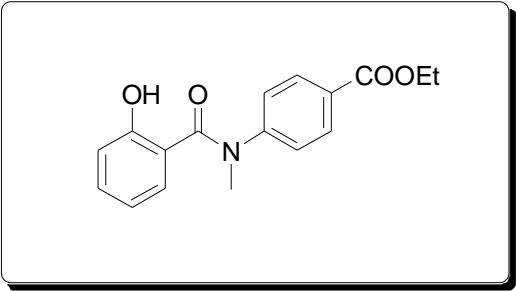
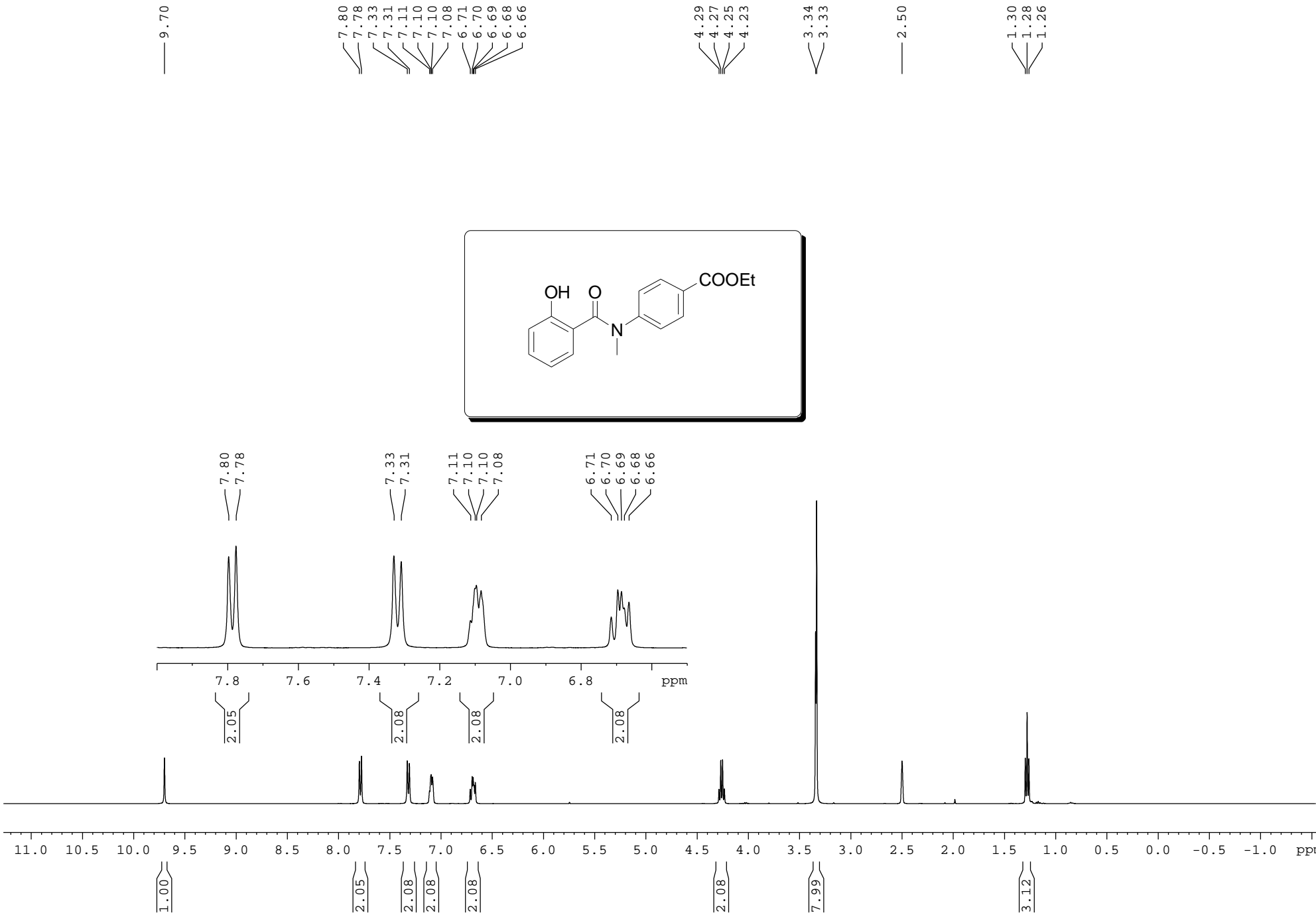
Current Data Parameters
 NAME syh-5-143-1-c
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140417
 Time_ 11.29
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 400
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 301.6 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.35 usec
 PLW1 50.00299835 W
 SFO1 100.6228293 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 90.00 usec
 PLW2 13.00199986 W
 PLW12 0.35876000 W
 PLW13 0.29060000 W
 SFO2 400.1316005 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6128213 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



— 168.41
— 165.09

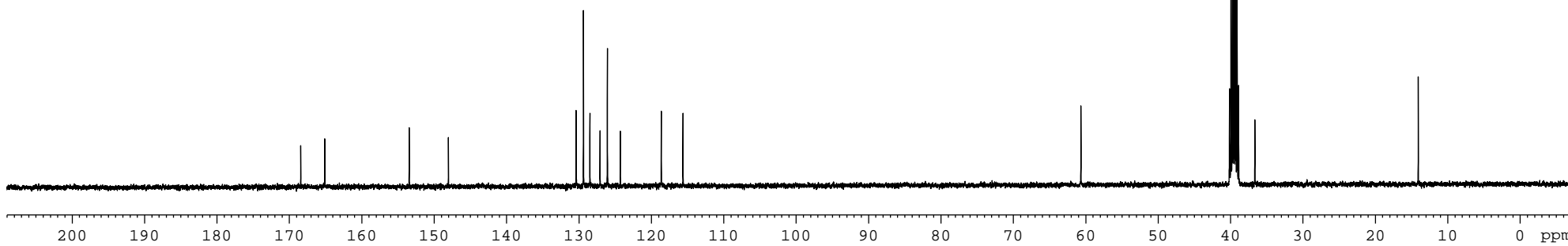
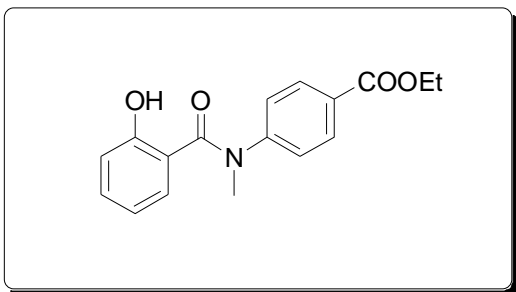
— 153.43
— 148.01

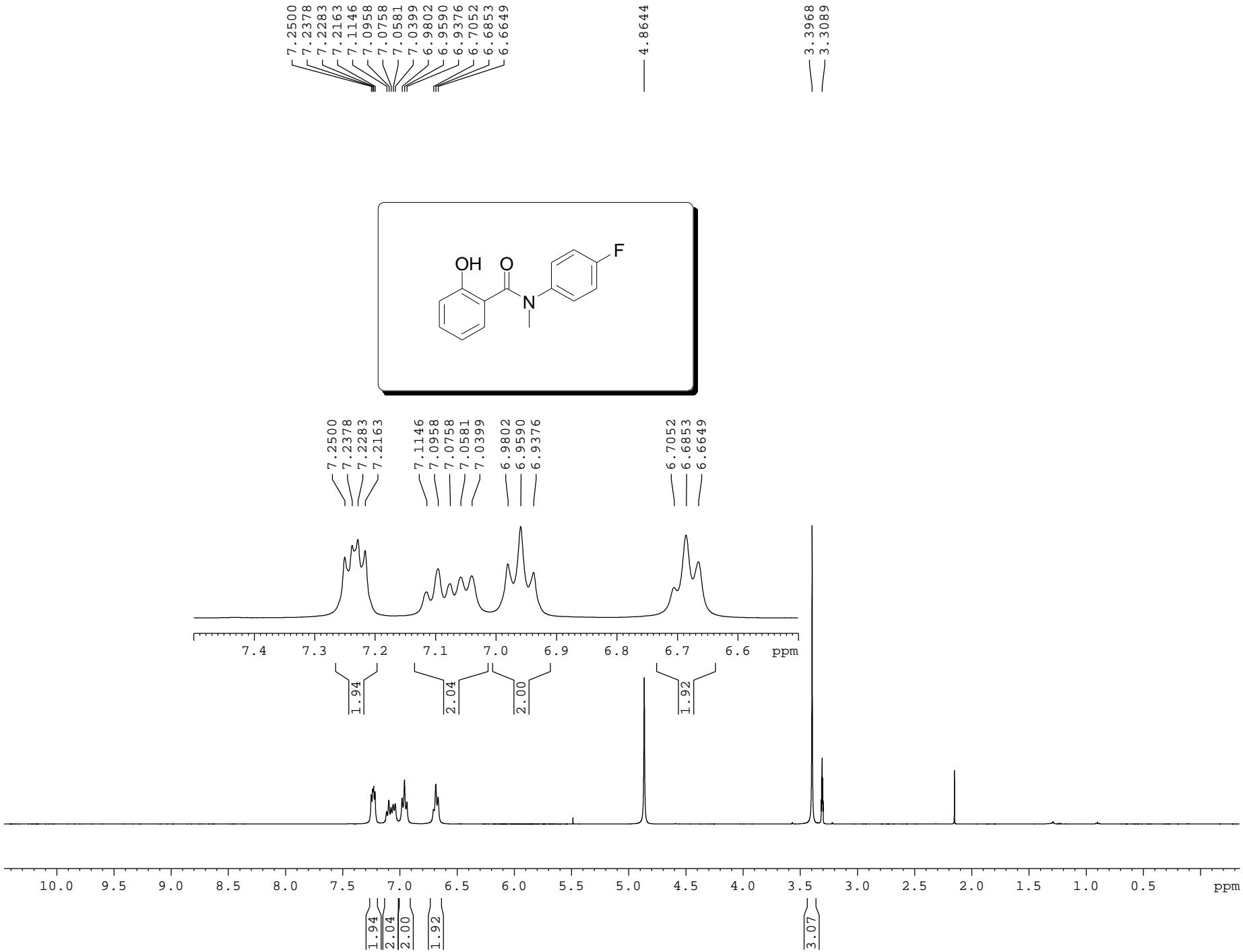
— 130.36
— 129.35
— 128.47
— 127.06
— 126.05
— 124.26
— 118.60
— 115.61

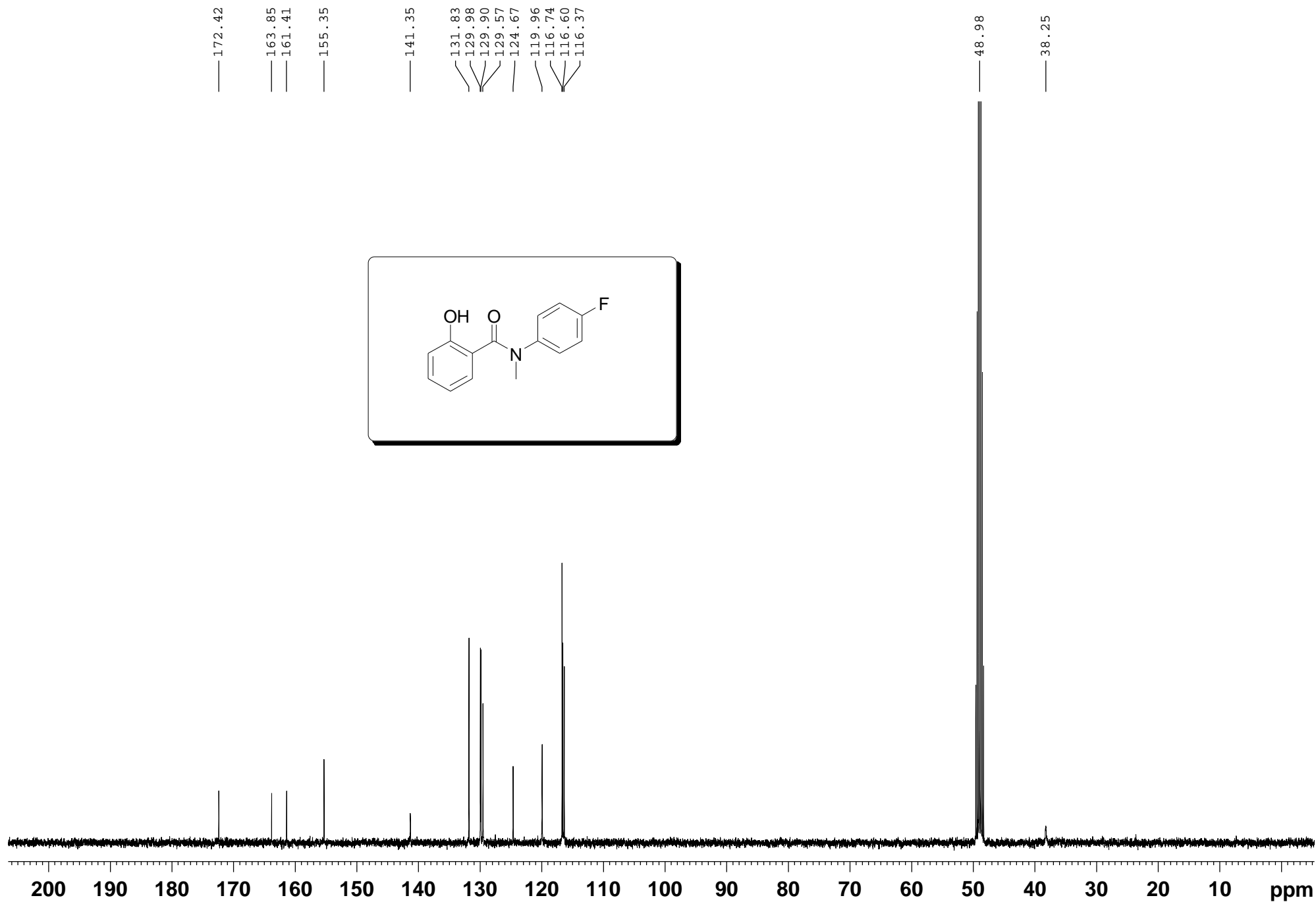
— 60.68

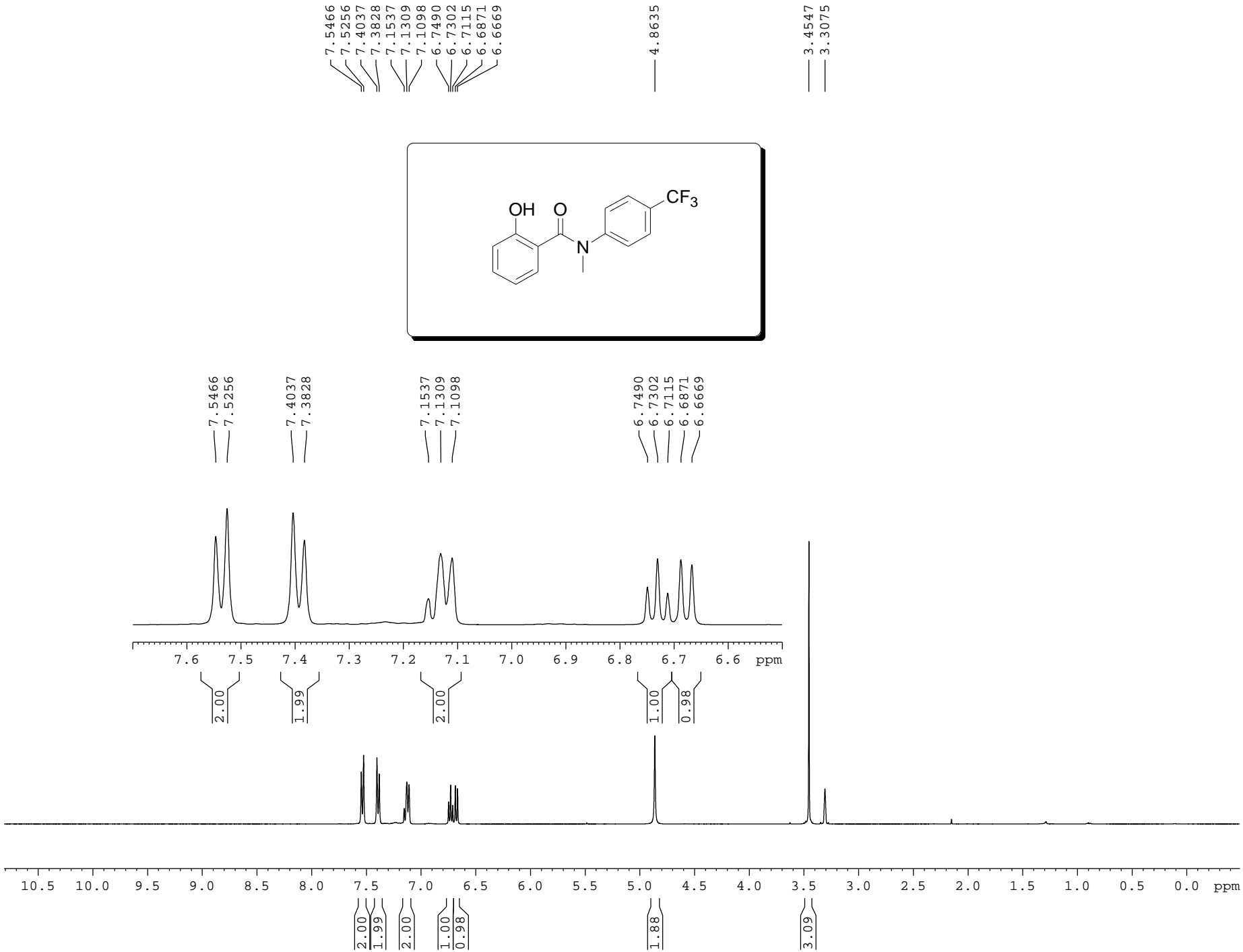
— 39.52
— 36.65

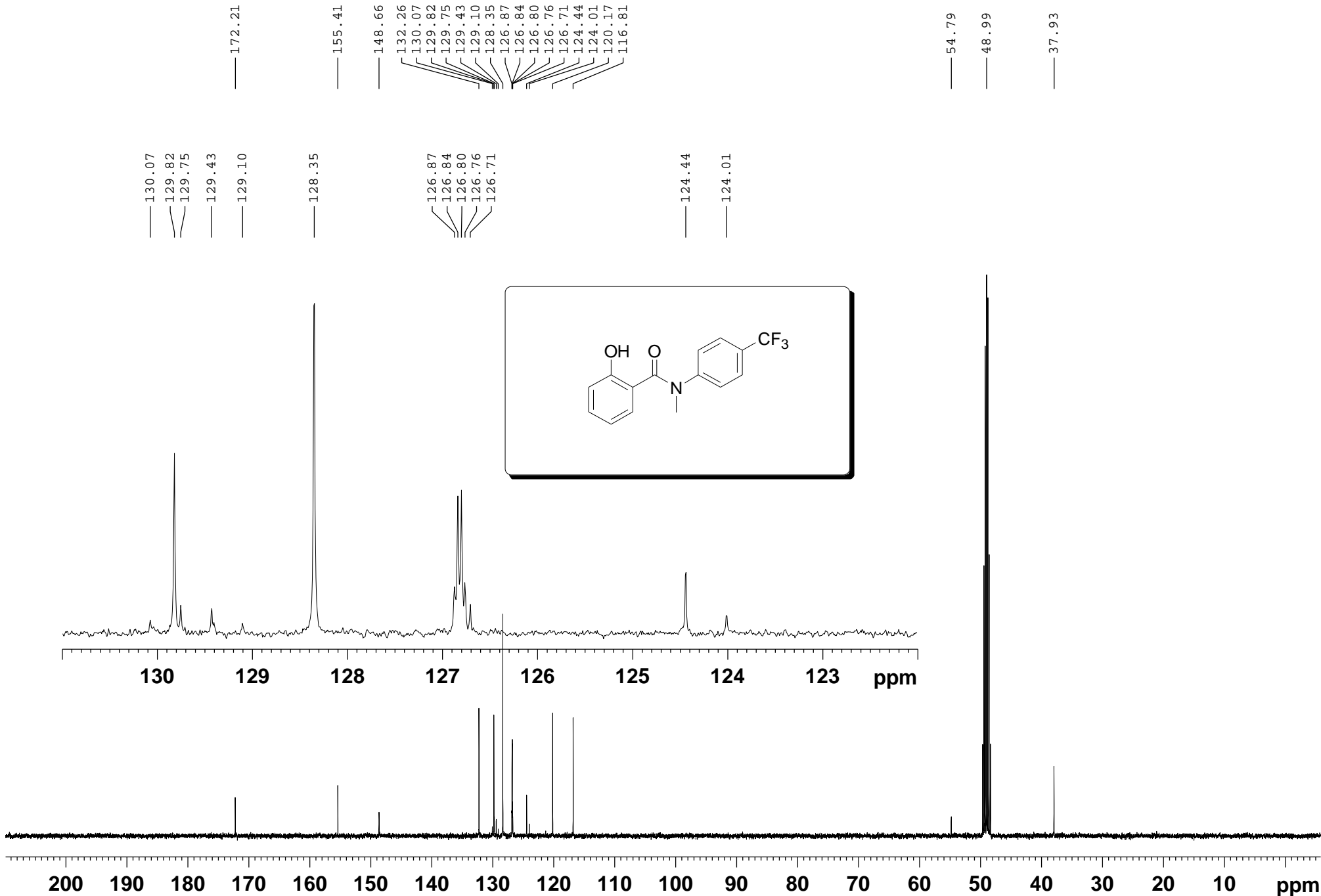
— 14.08

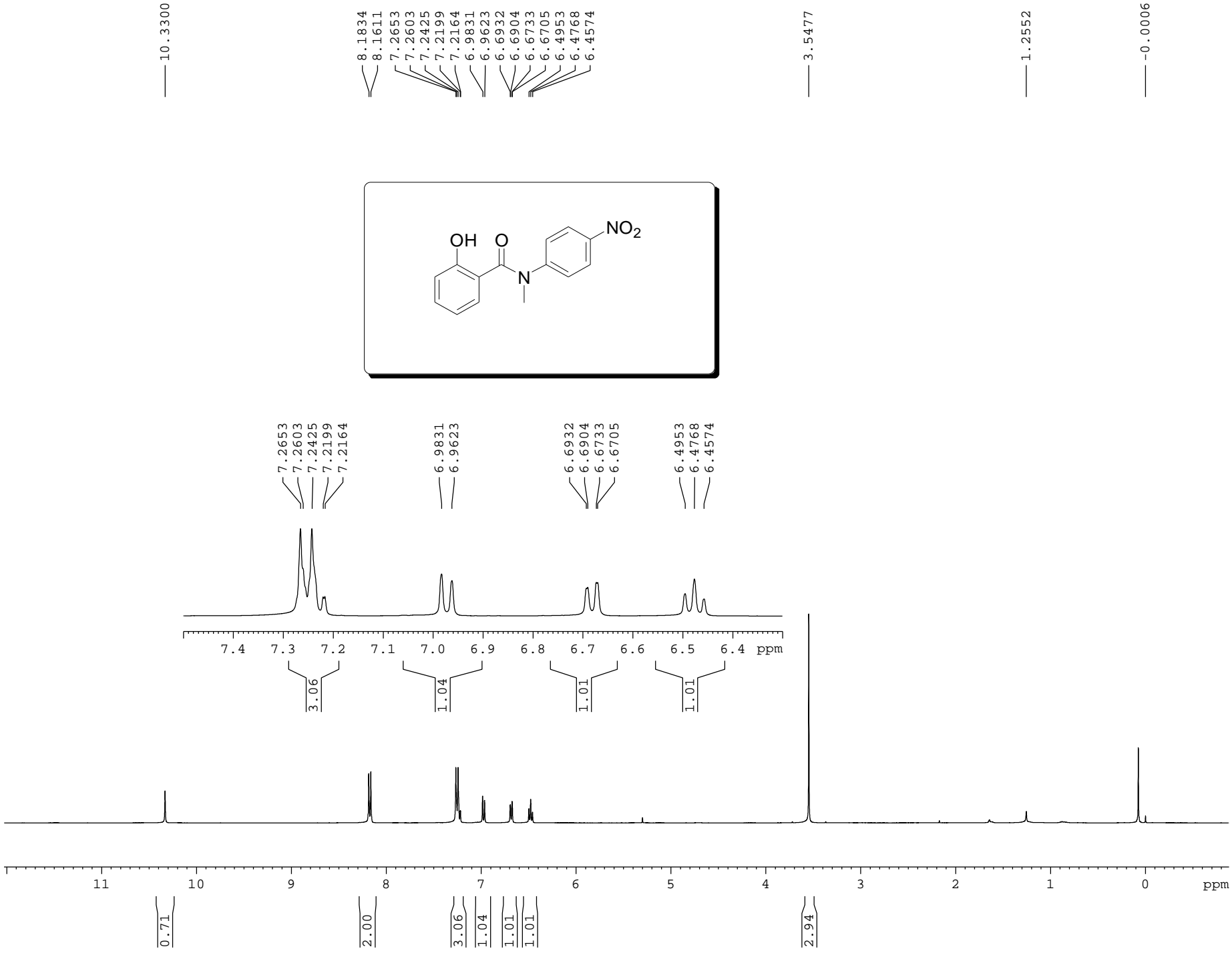


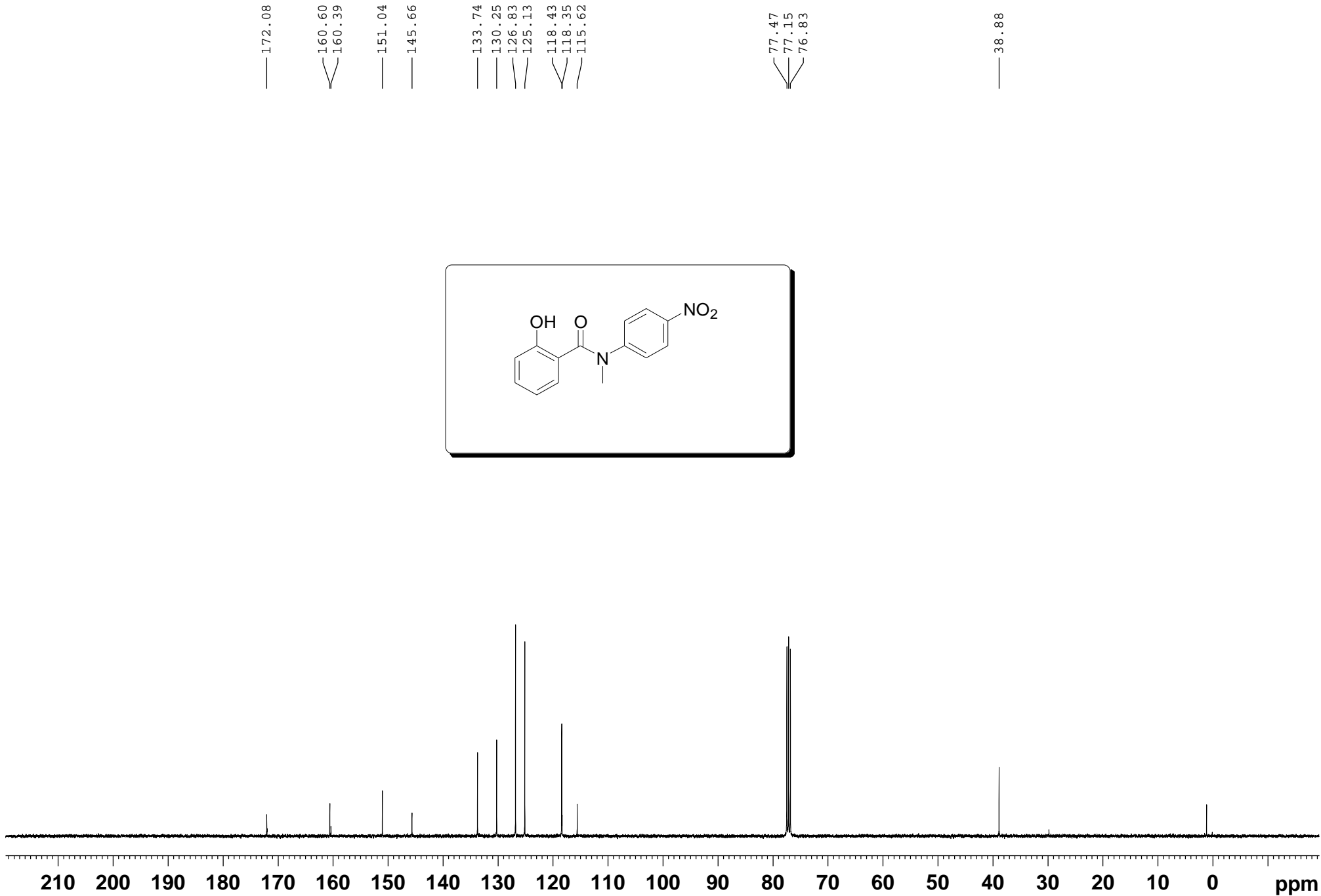










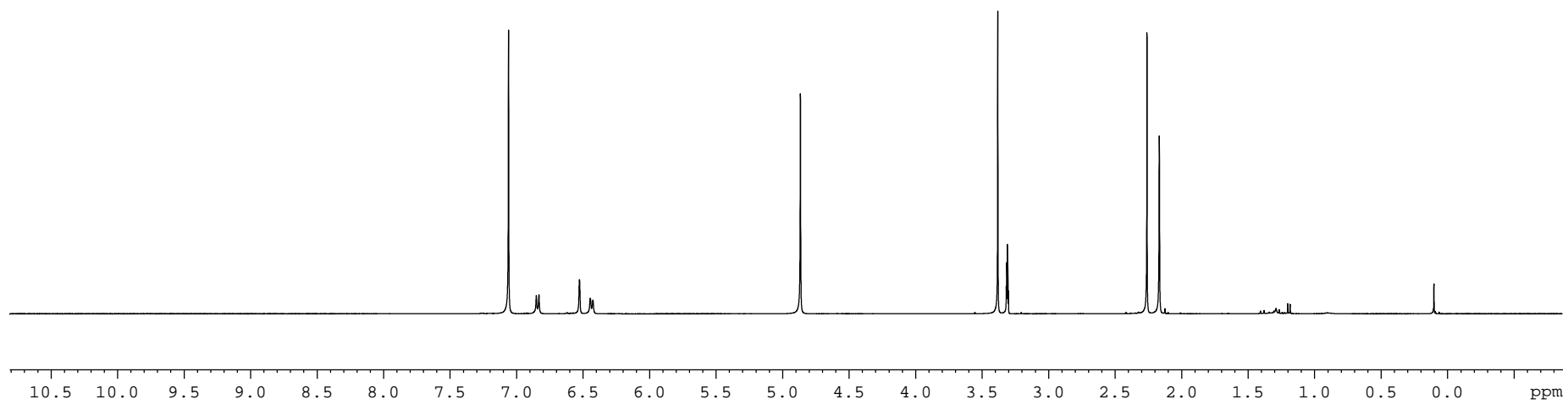
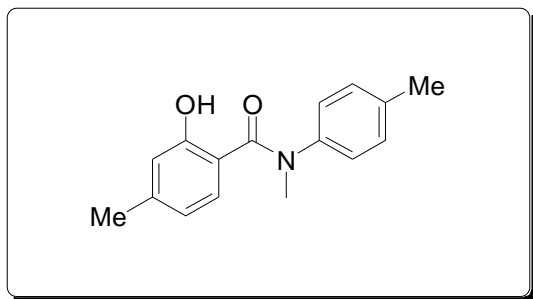


7.0582
6.8493
6.8298
6.5247
6.4435
6.4241

4.8635

3.3815
3.3096

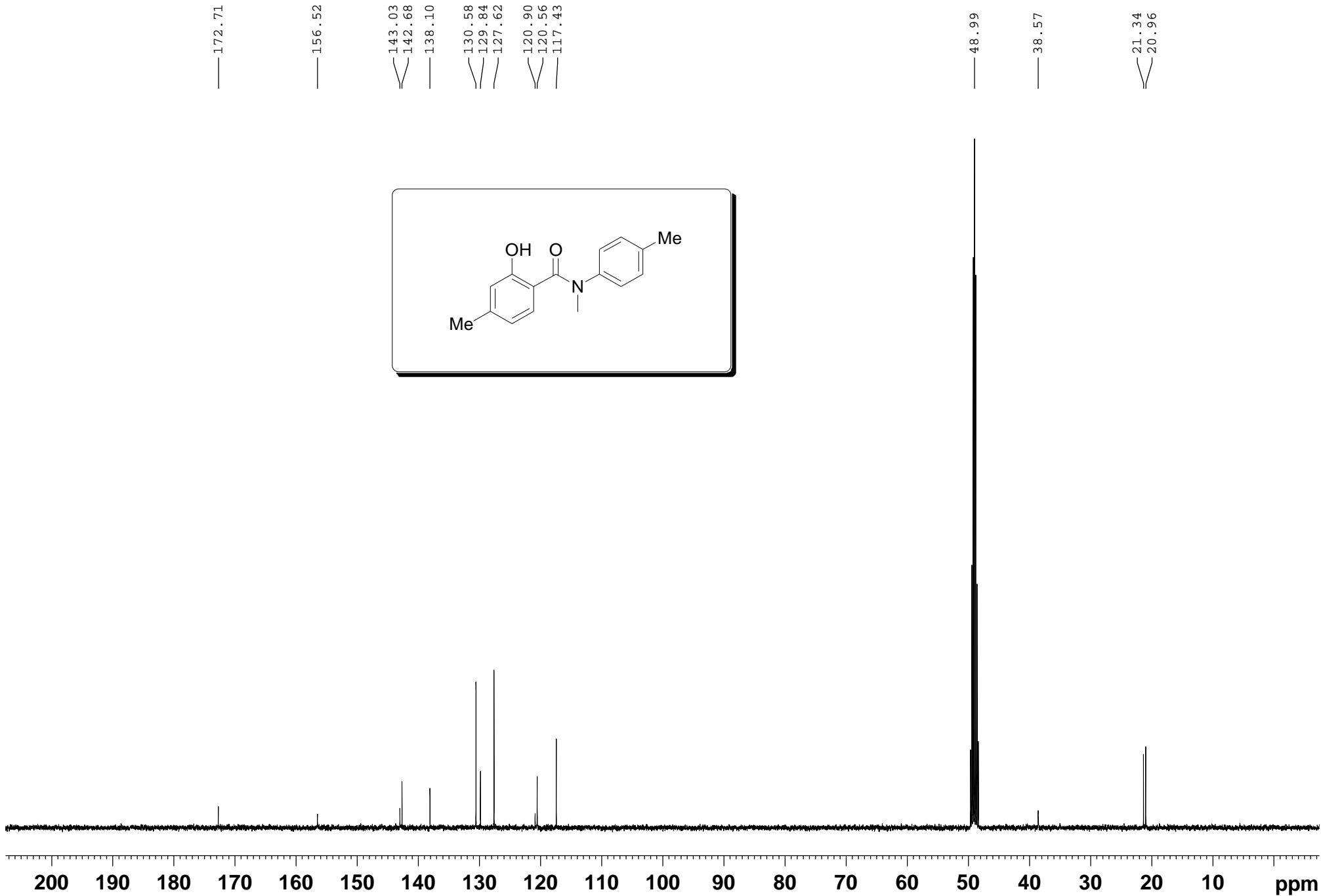
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2.1670

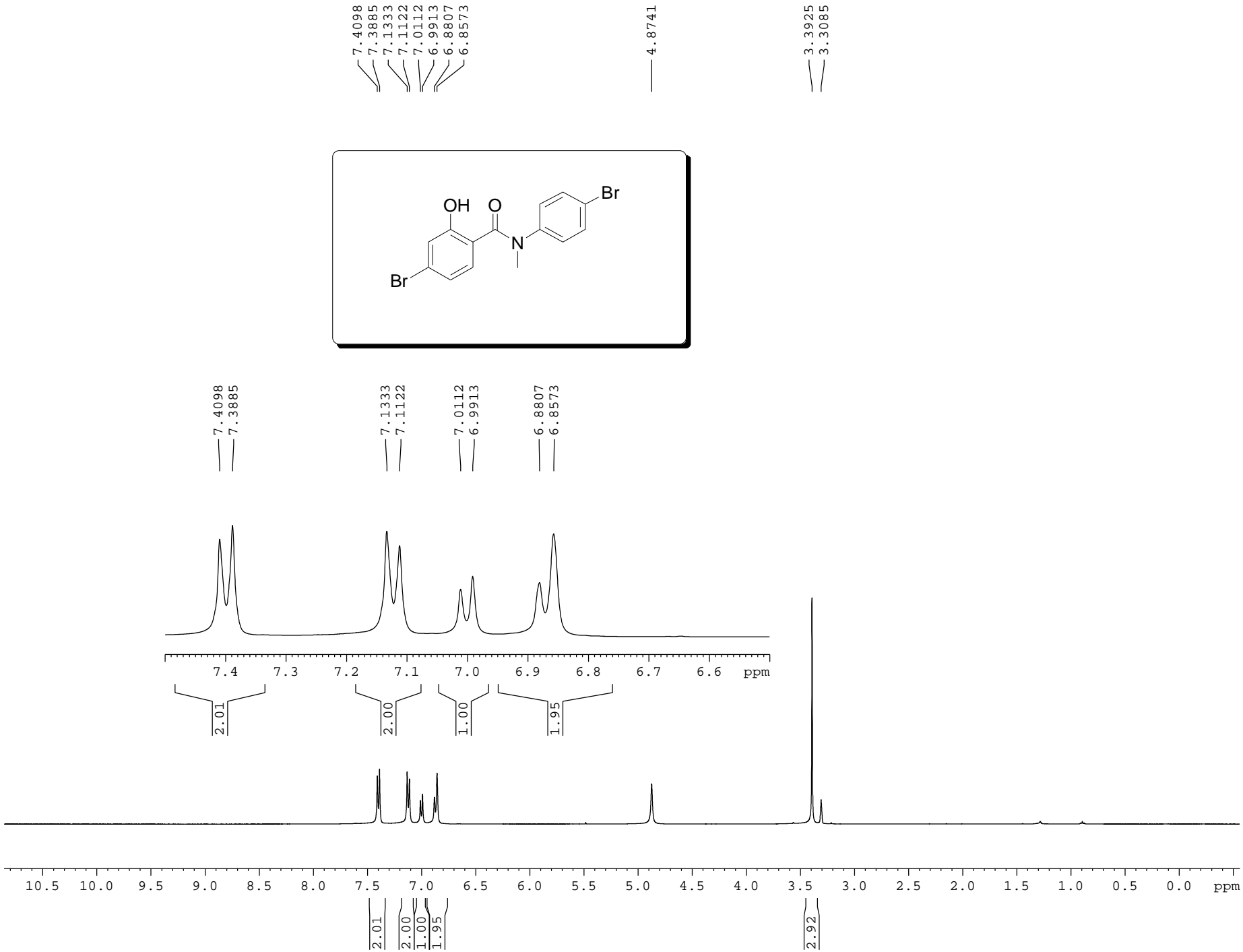


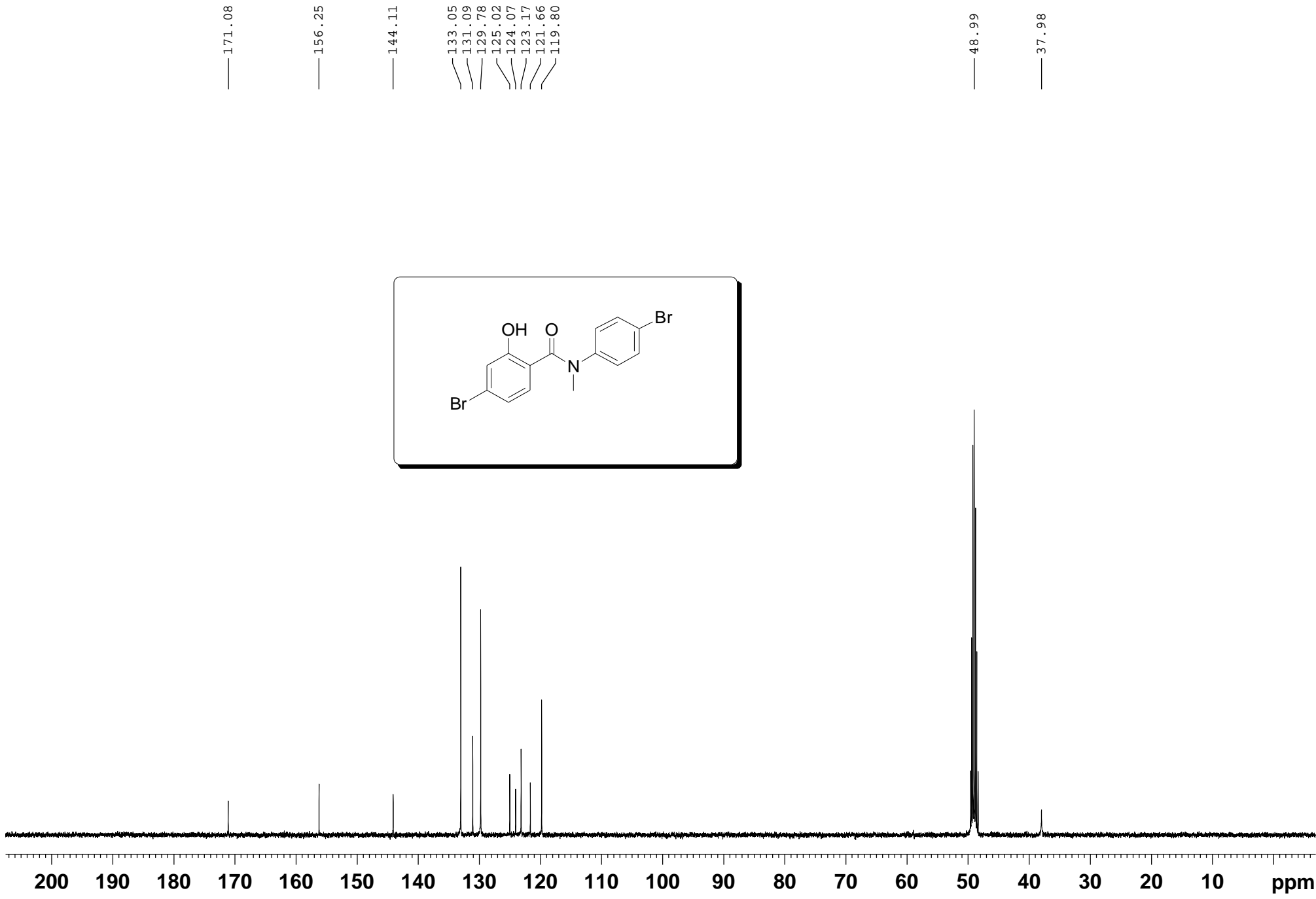
4.12
0.99
1.00
1.00

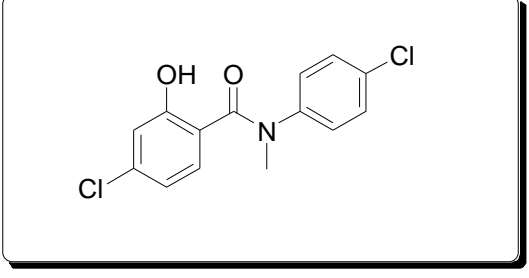
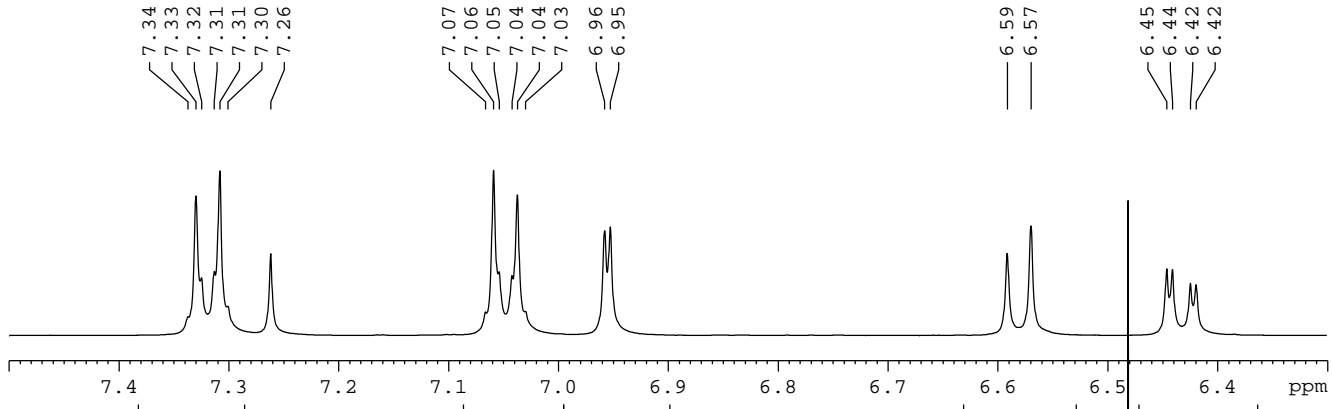
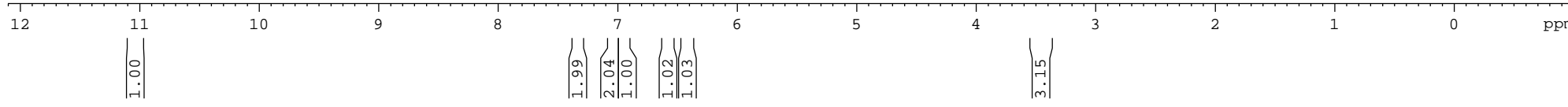
3.14

3.12
3.13





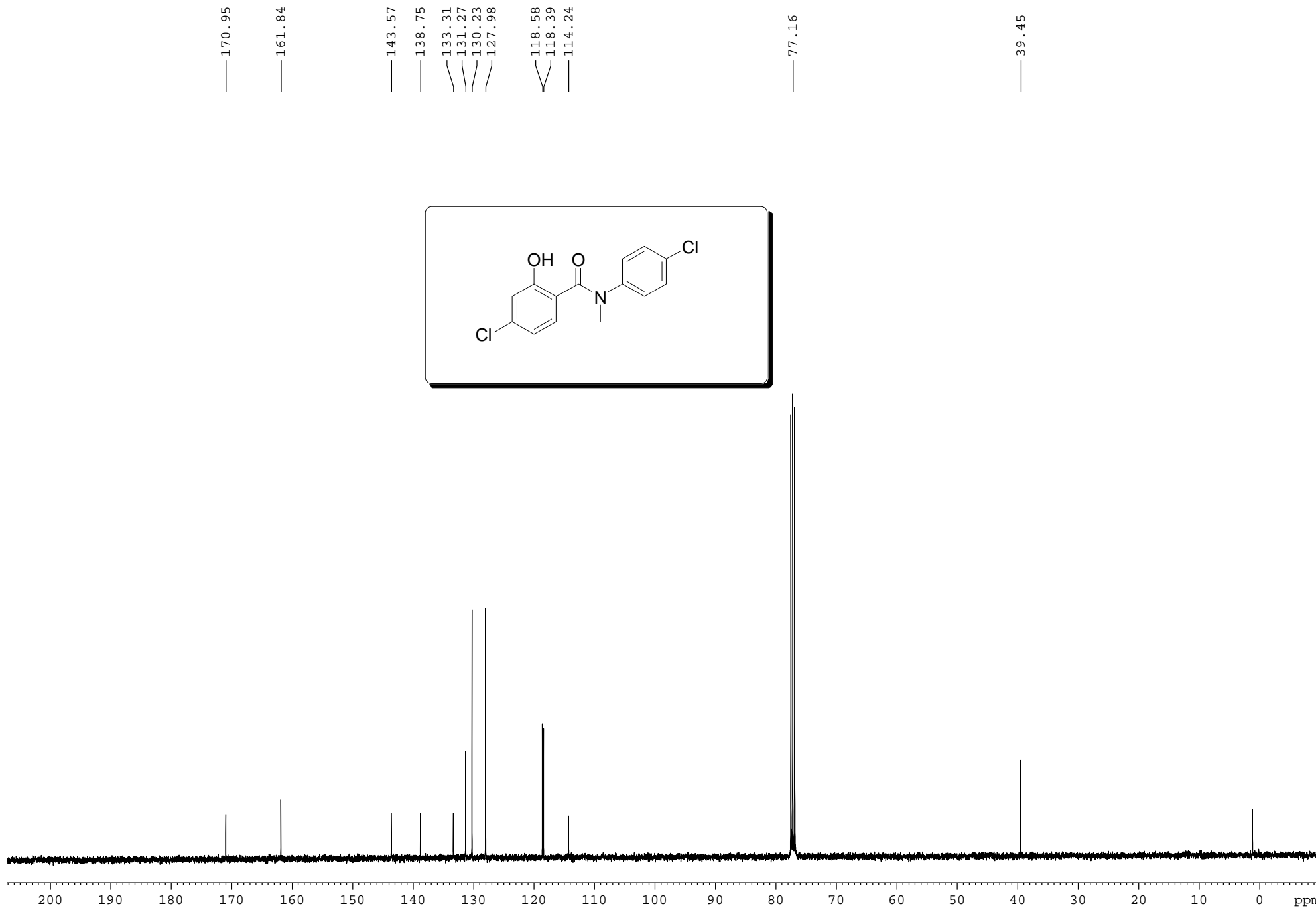


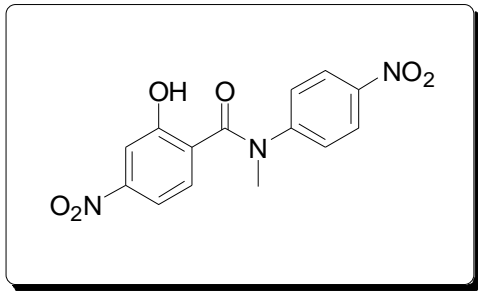
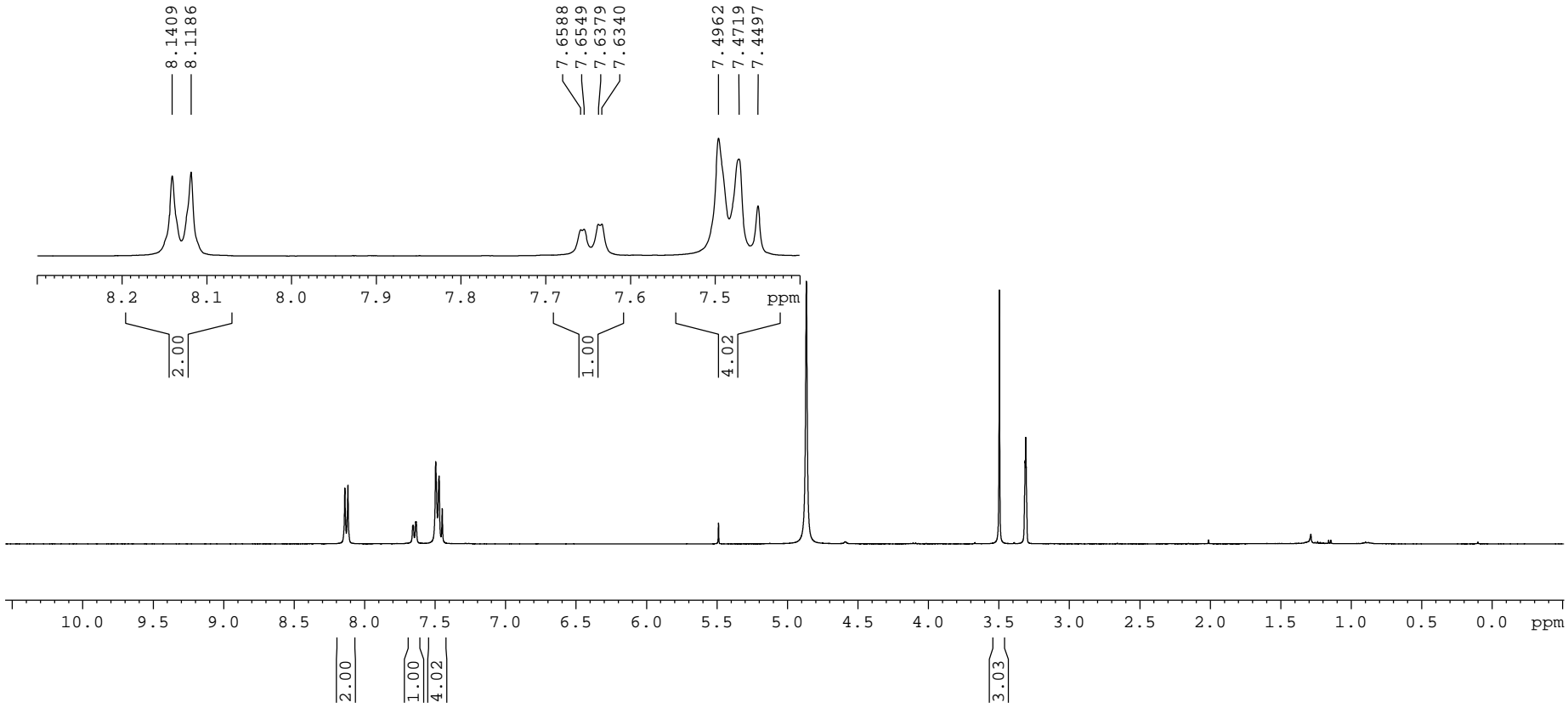


— 11.05

7.34
7.33
7.32
7.31
7.30
7.26
7.07
7.06
7.05
7.04
7.04
7.03
6.96
6.95
6.59
6.57
6.45
6.44
6.42
6.42

— 3.45

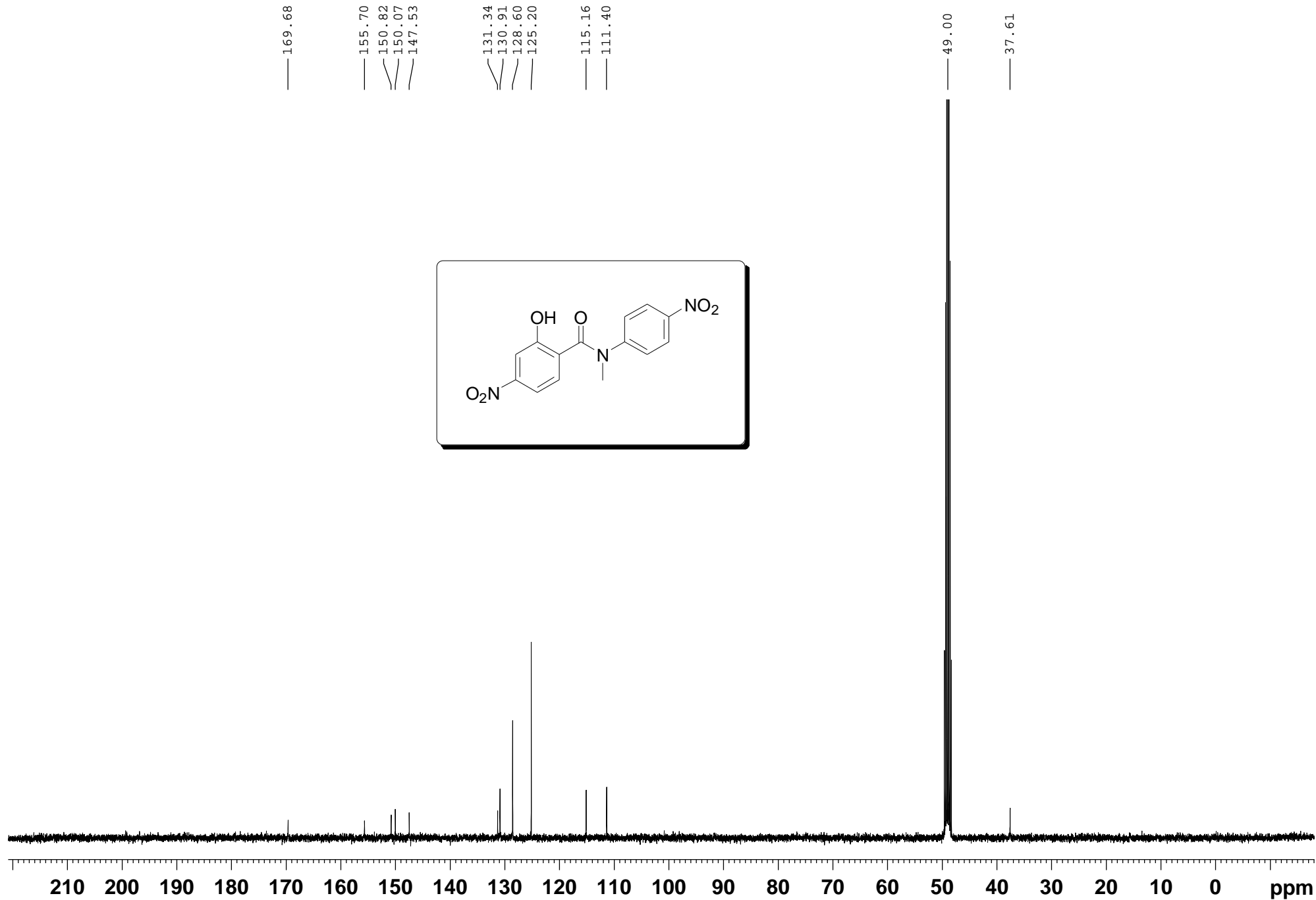


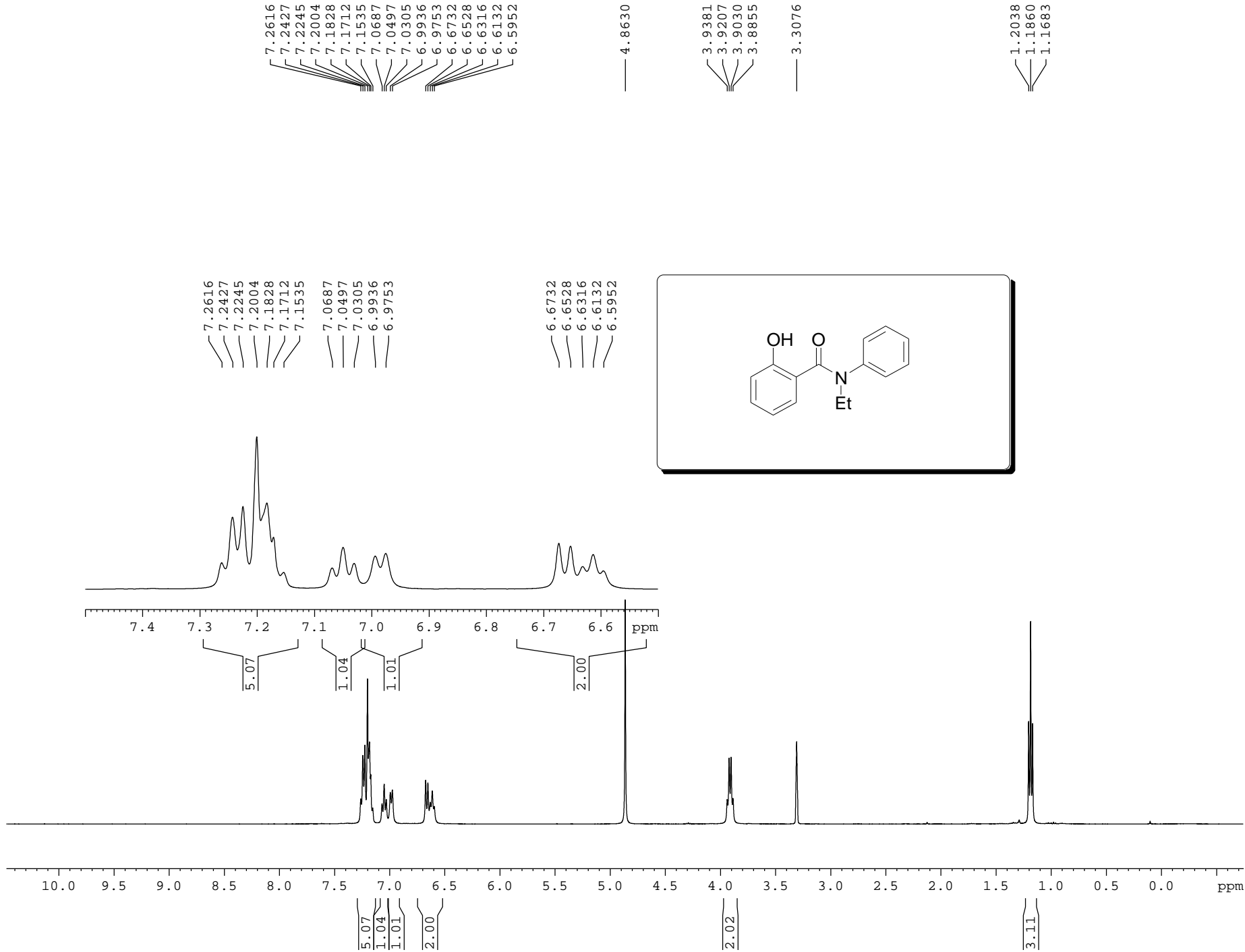


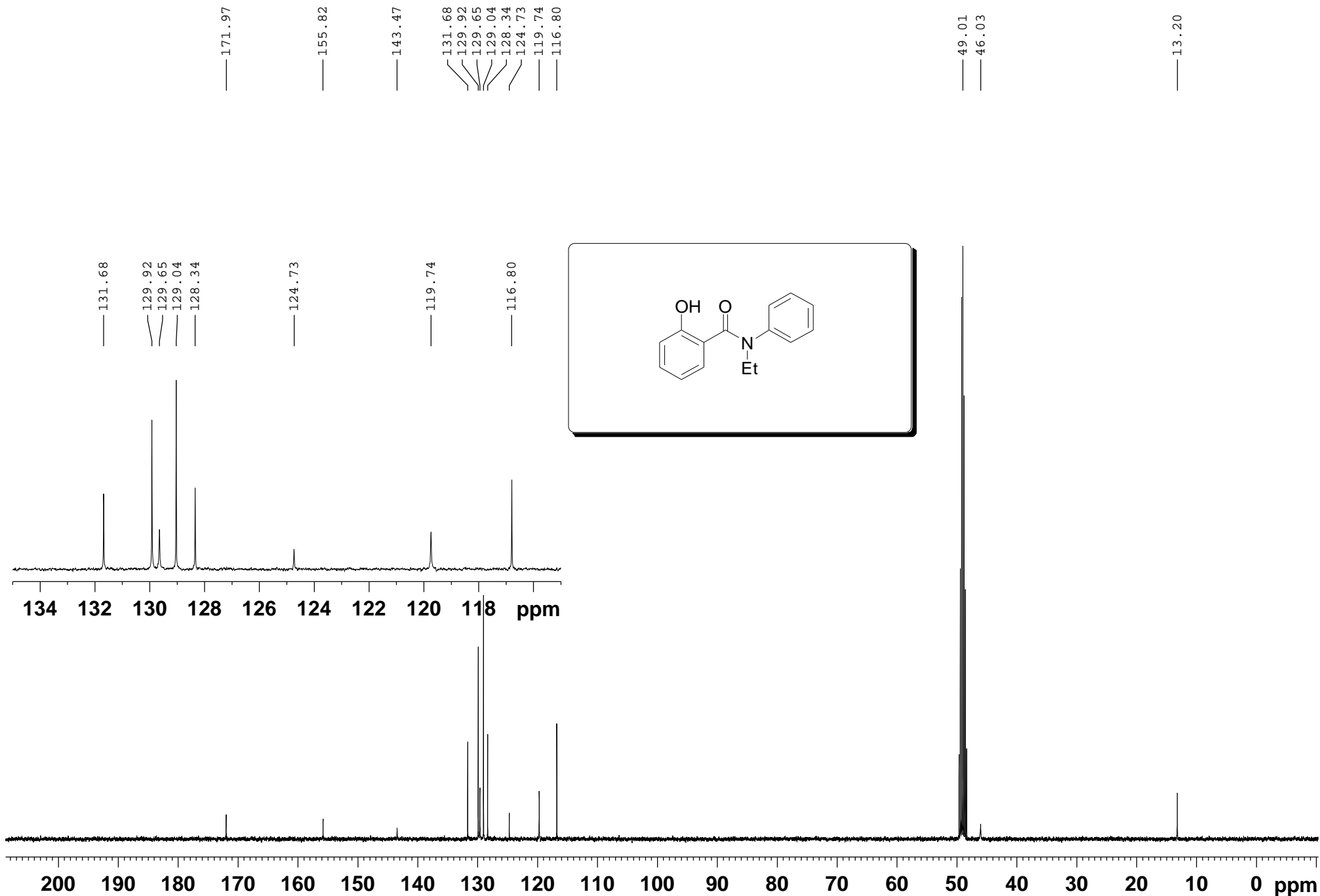
8.1409
 8.1186
 7.6588
 7.6549
 7.6379
 7.6340
 7.4962
 7.4719
 7.4497

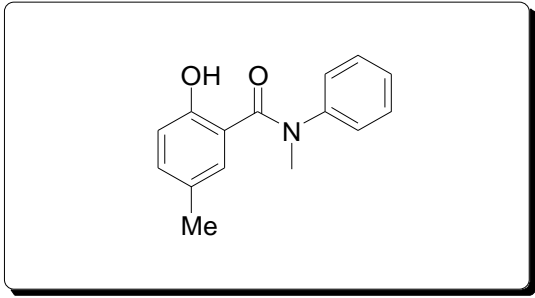
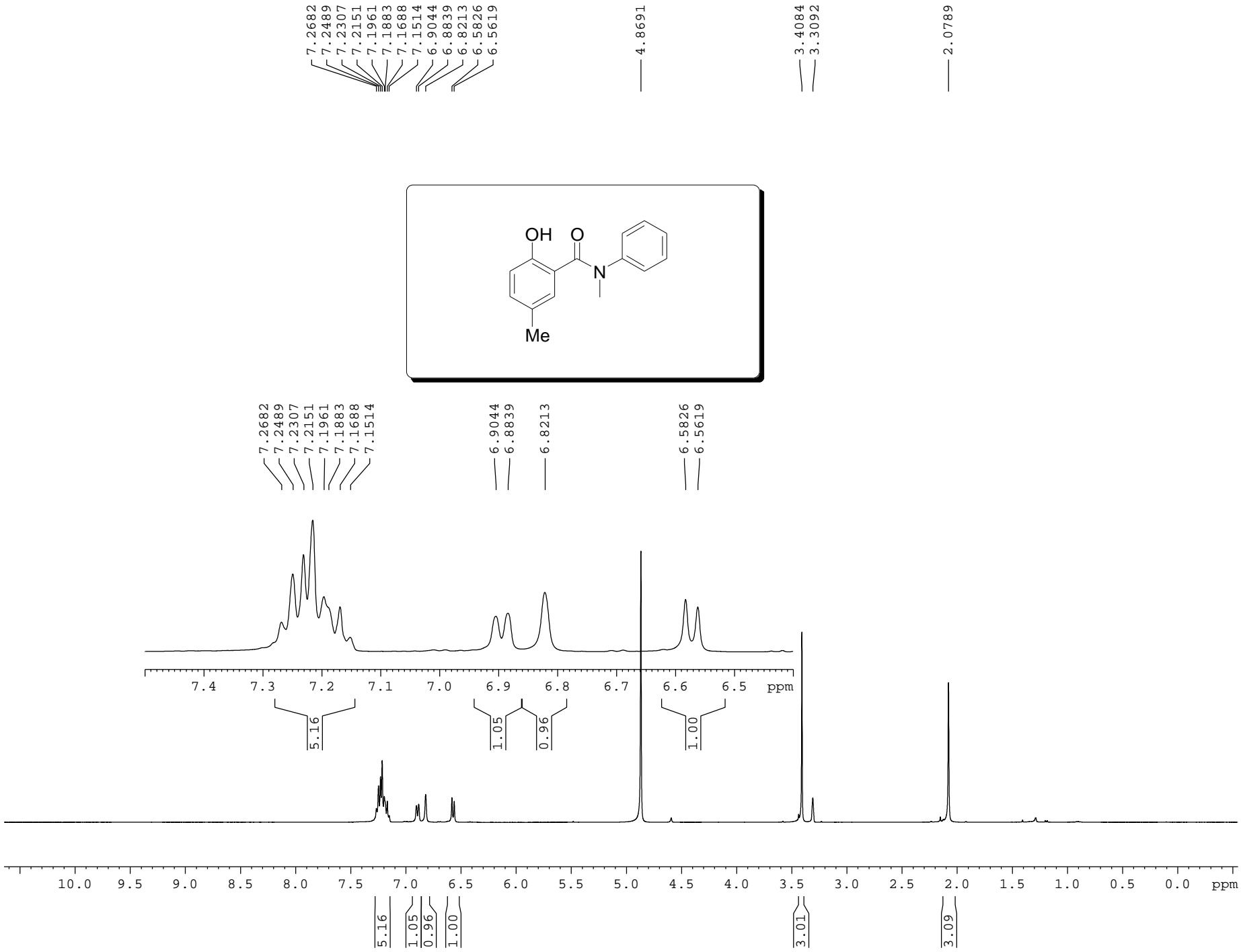
4.8662

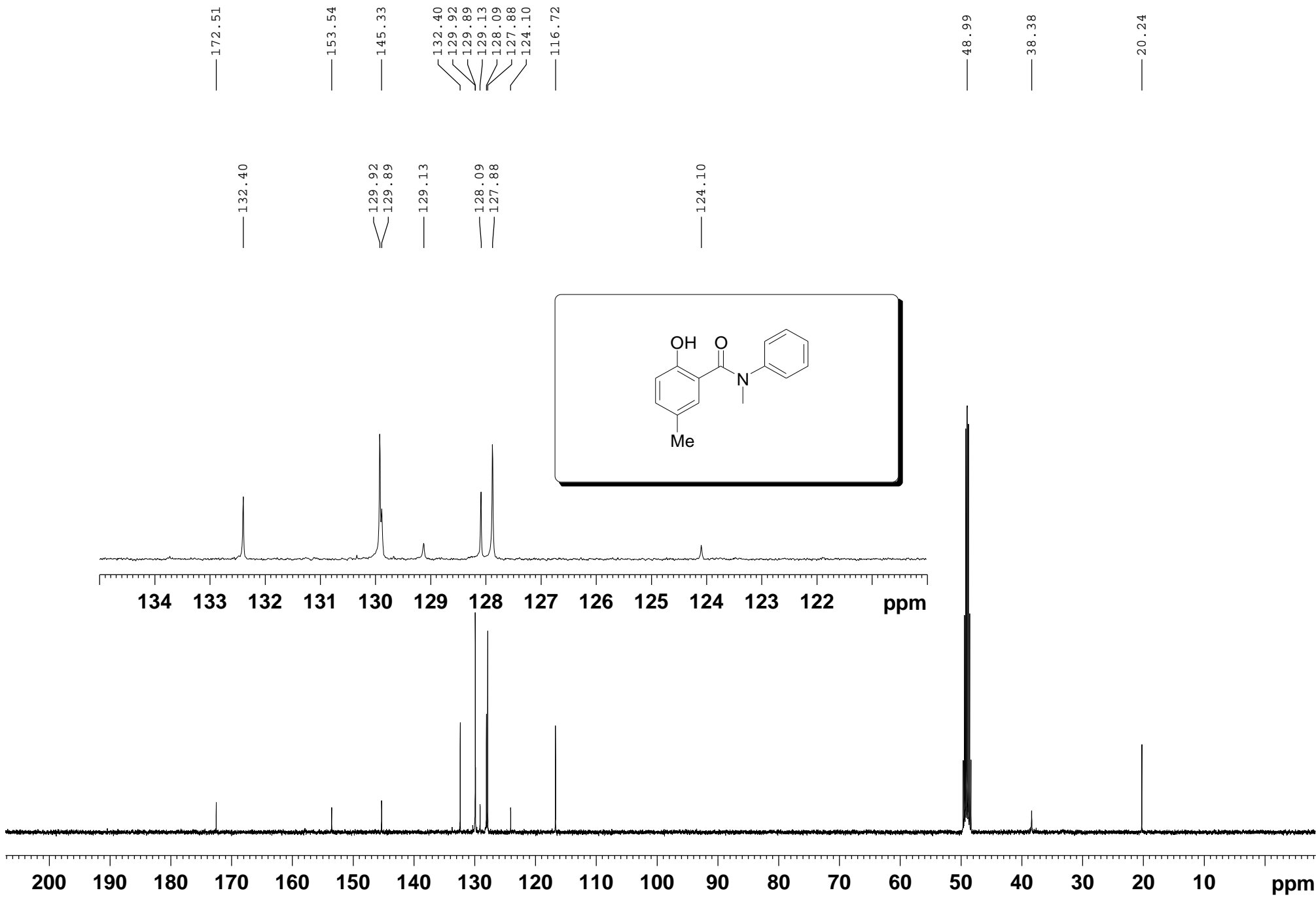
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3.3102

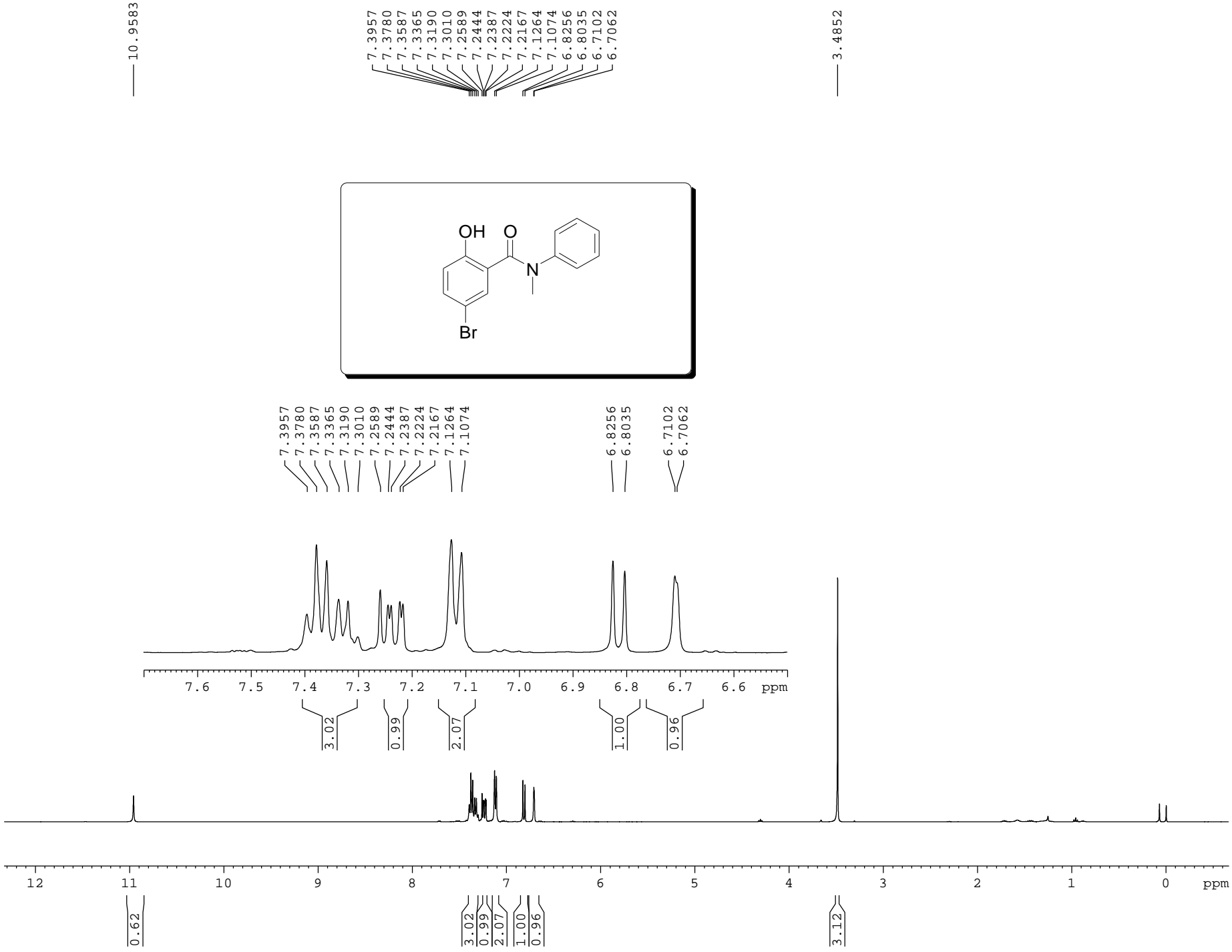


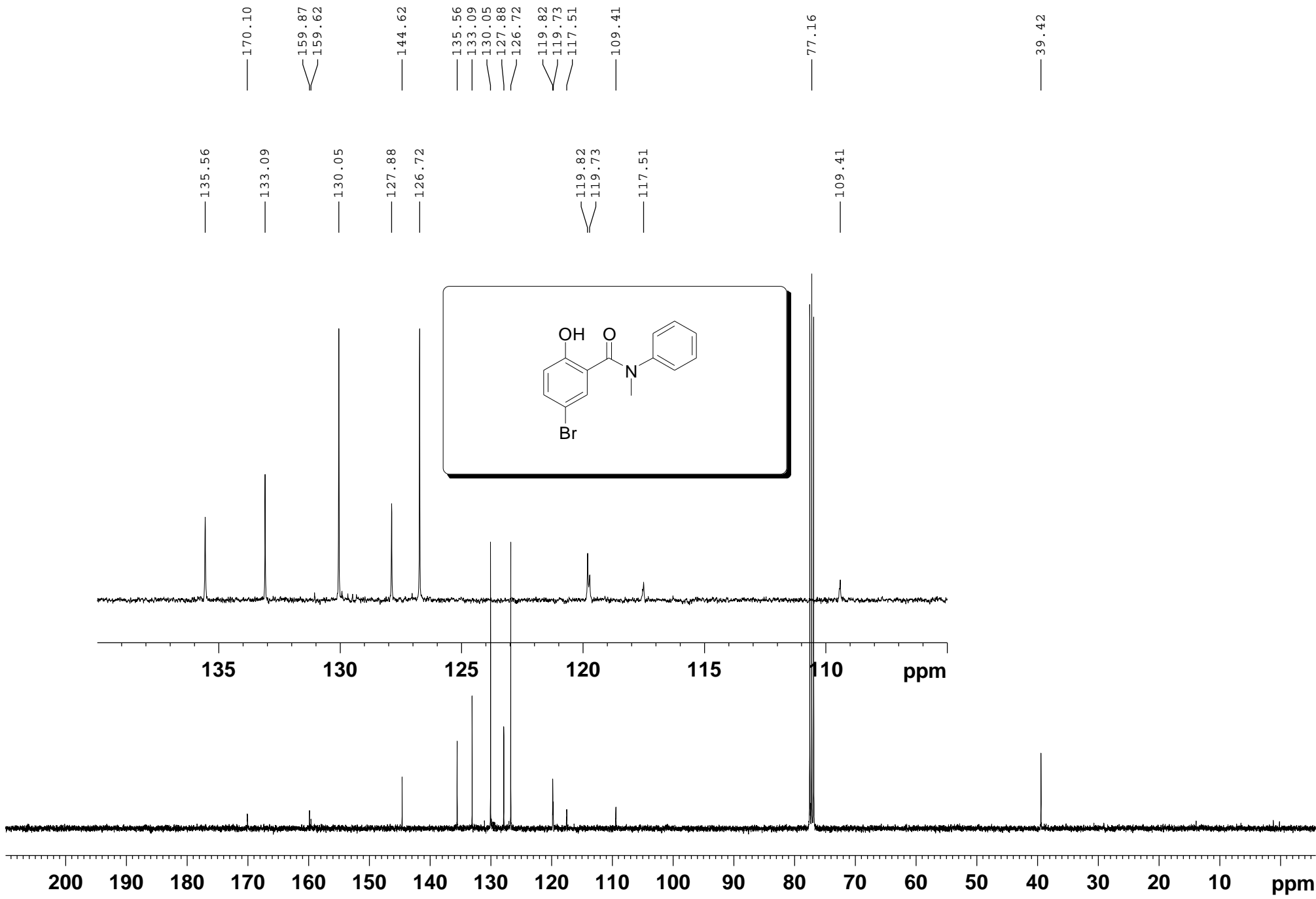


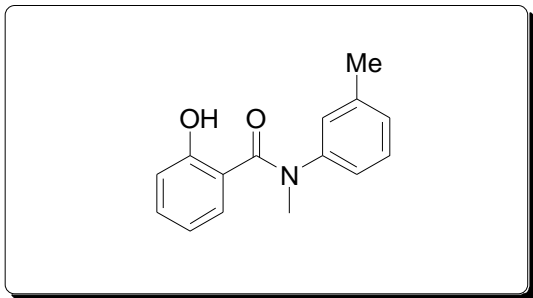
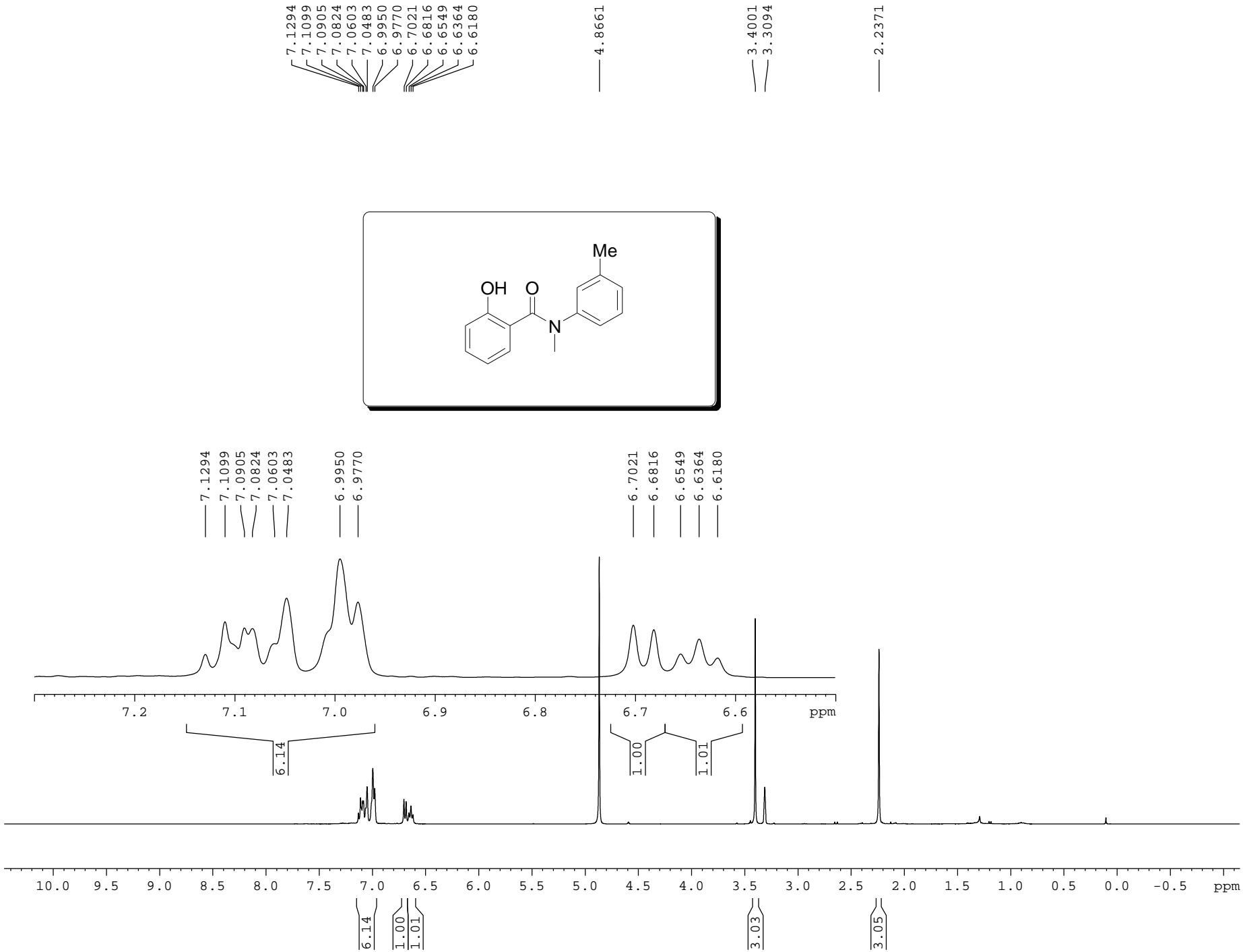


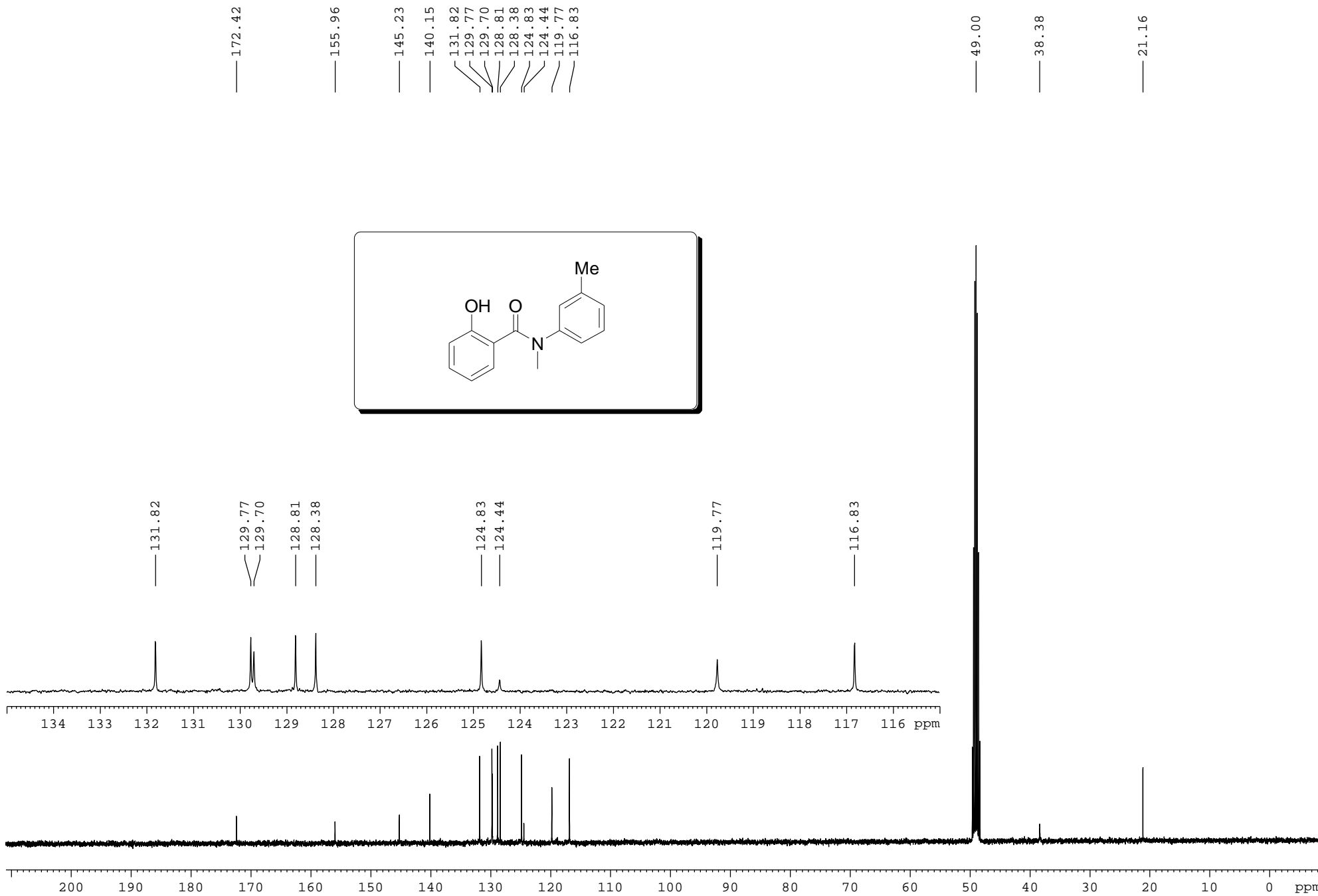


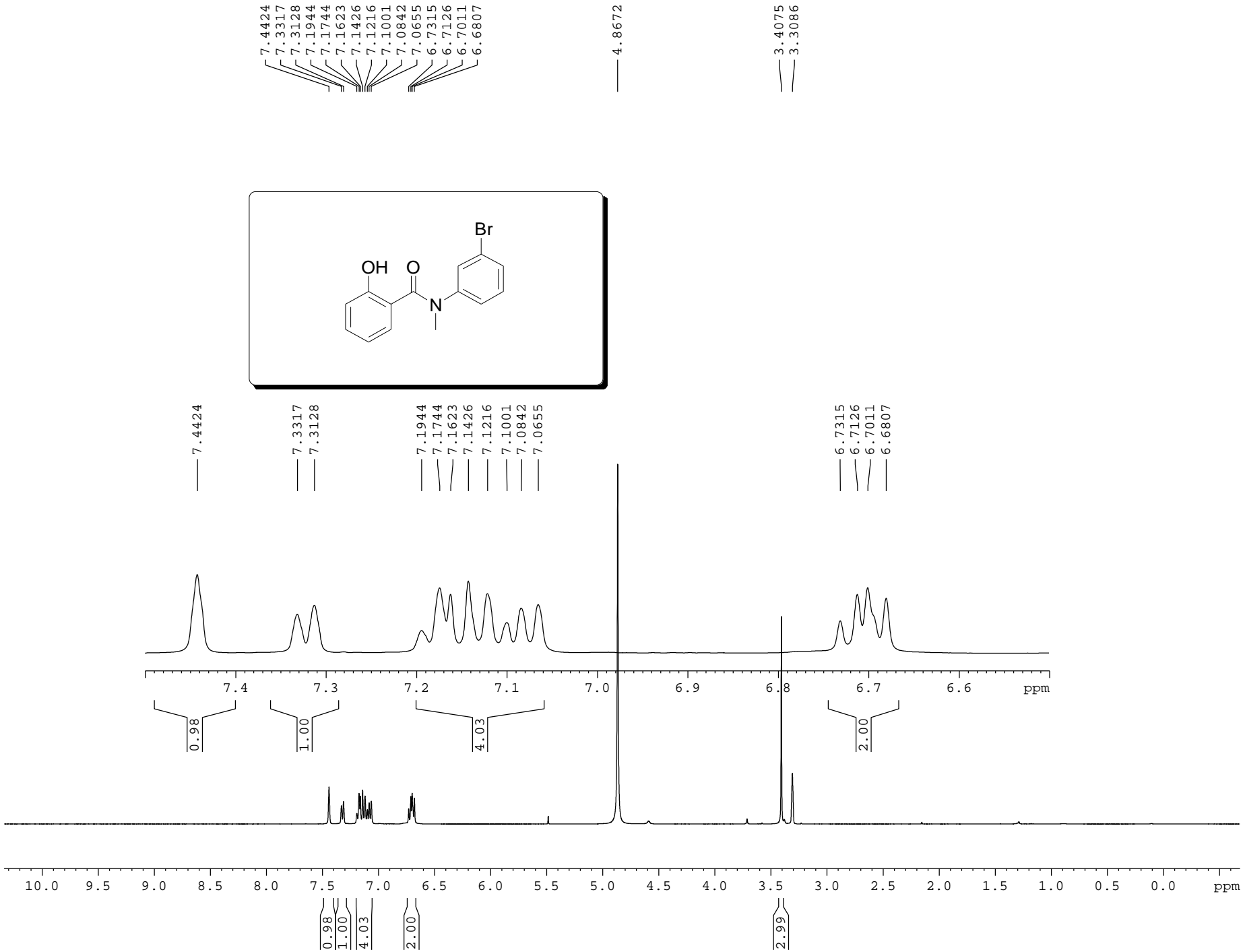


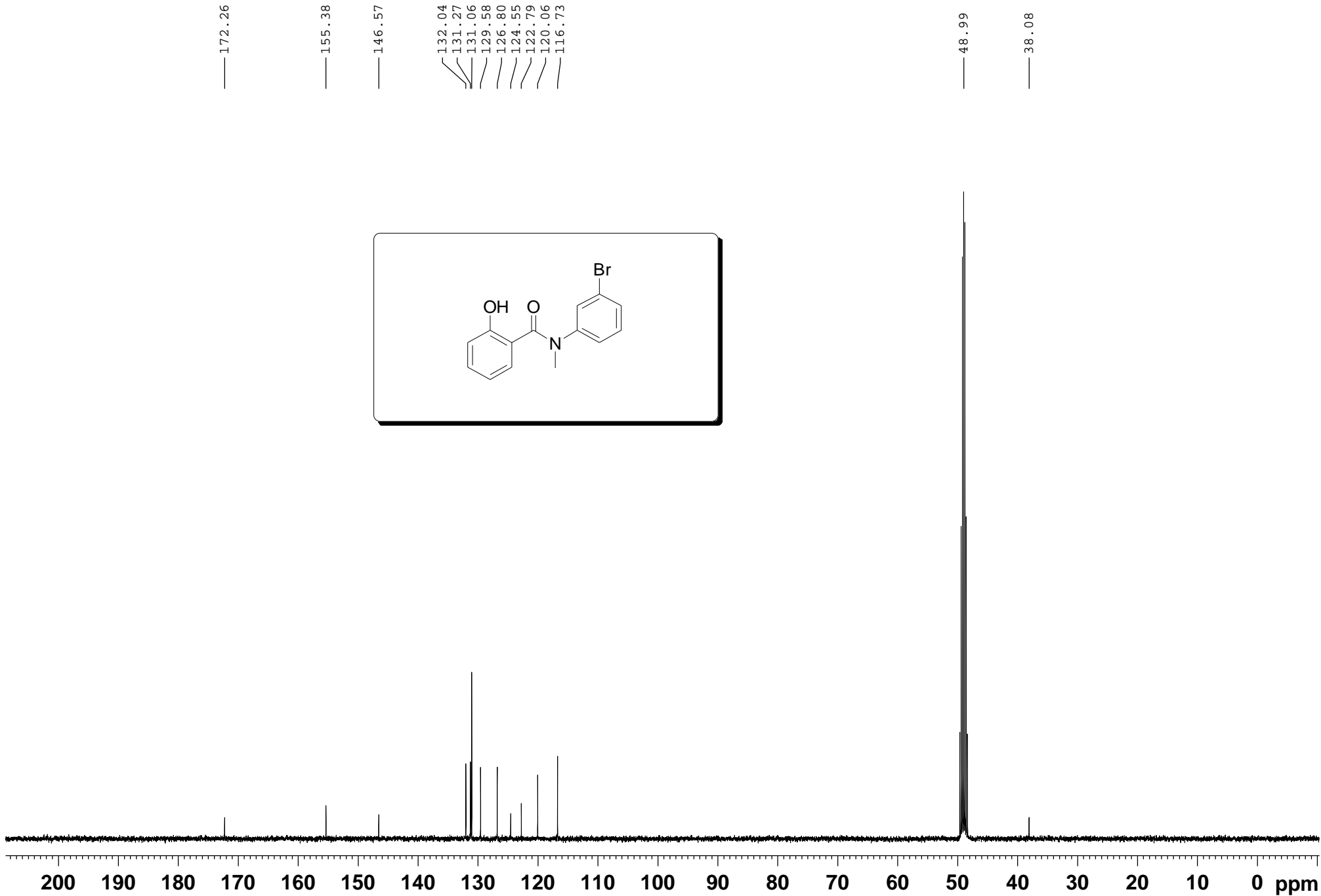


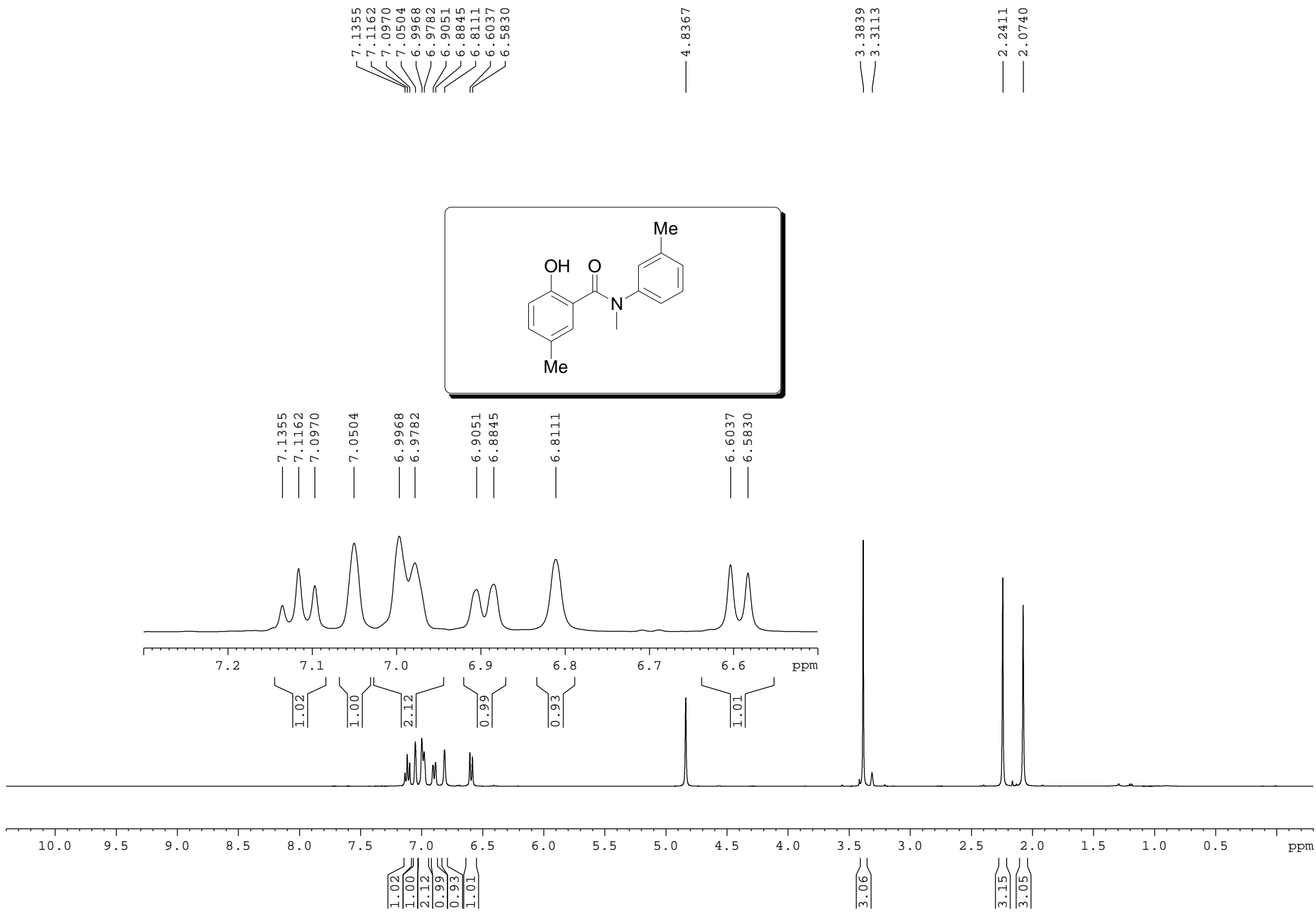


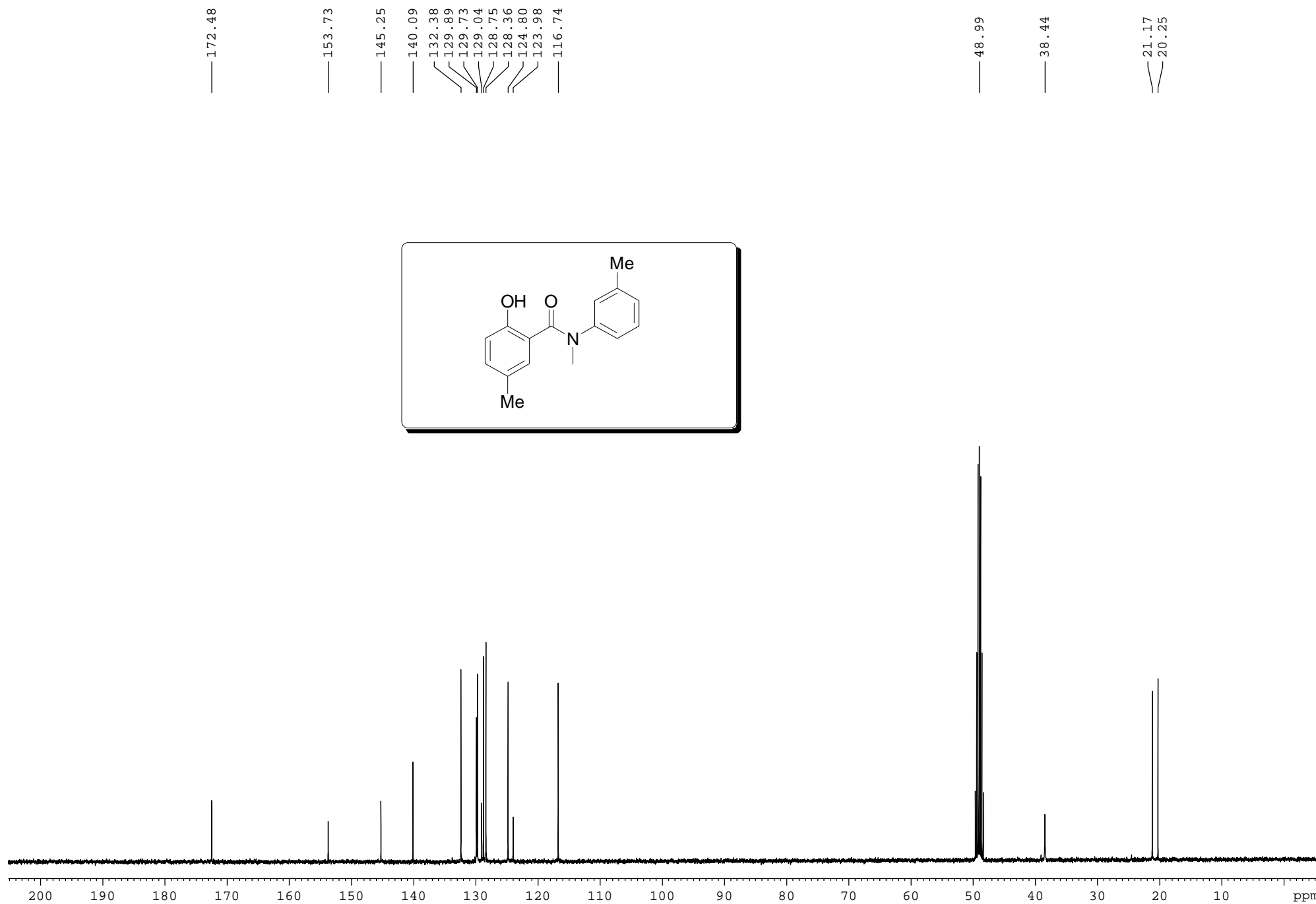


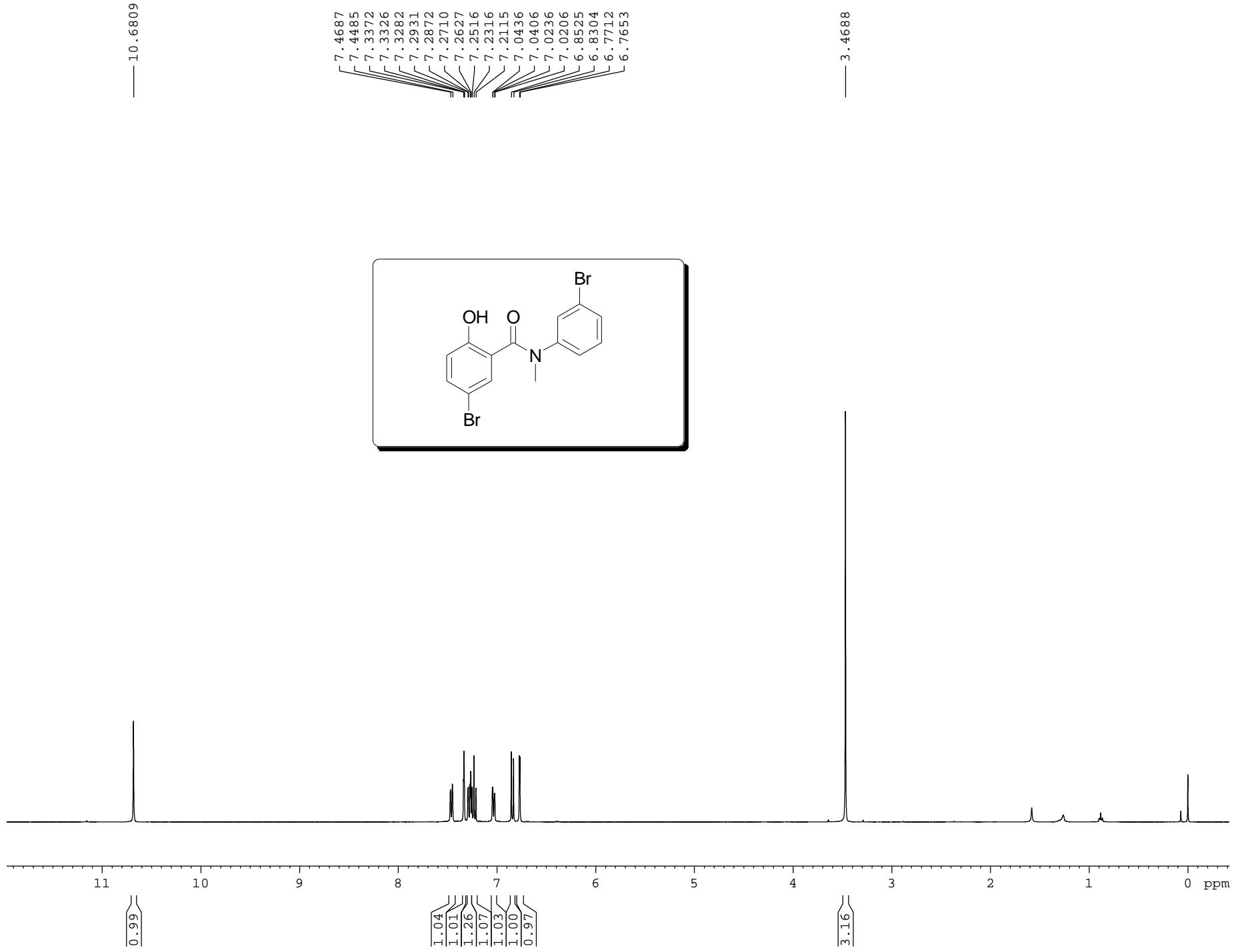


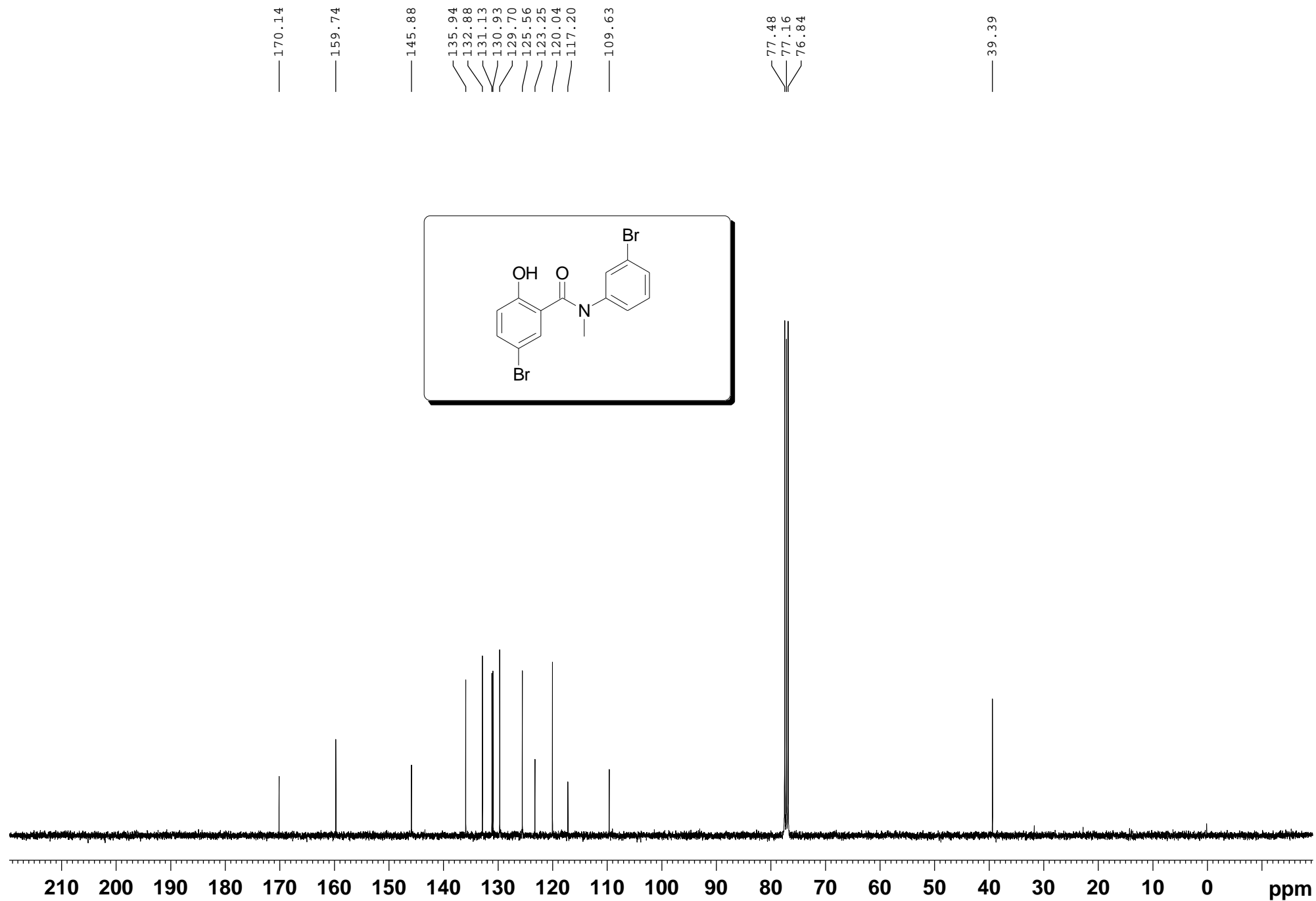












— 170.14

— 159.74

— 145.88

— 135.94

— 132.88

— 131.13

— 130.93

— 129.70

— 125.56

— 123.25

— 120.04

— 117.20

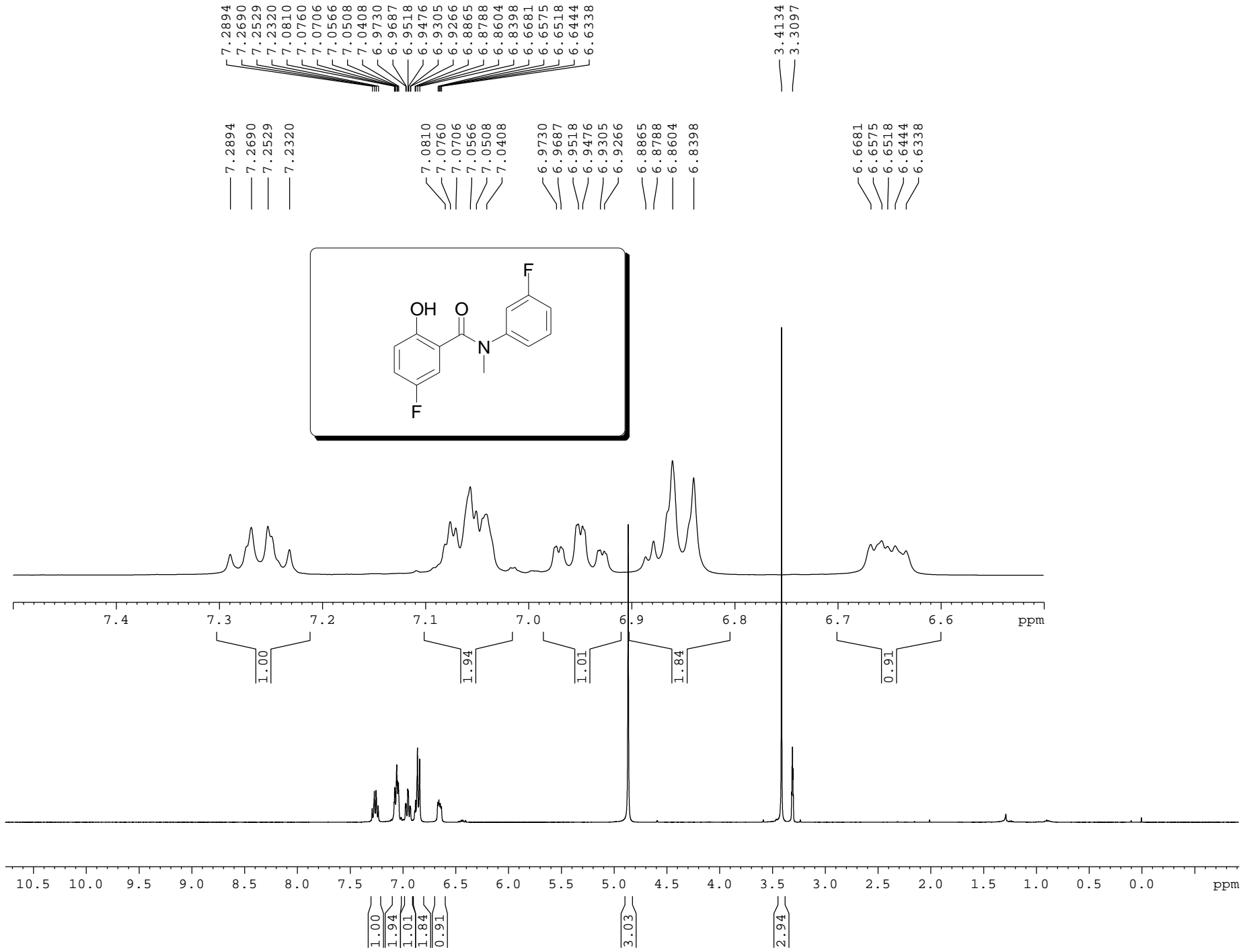
— 109.63

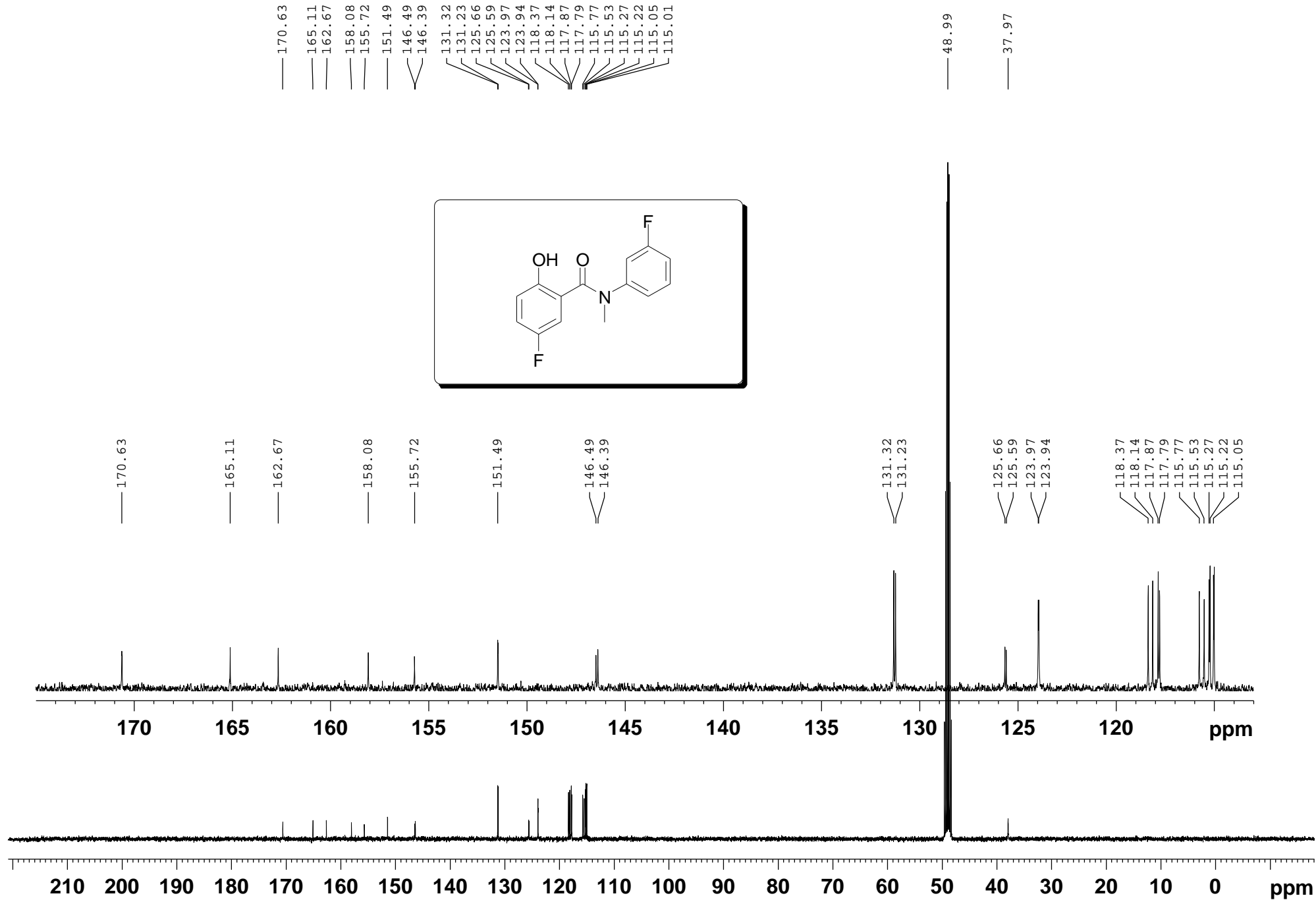
— 77.48

— 77.16

— 76.84

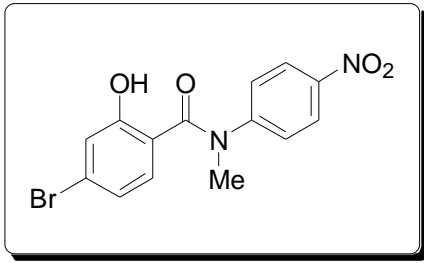
— 39.39





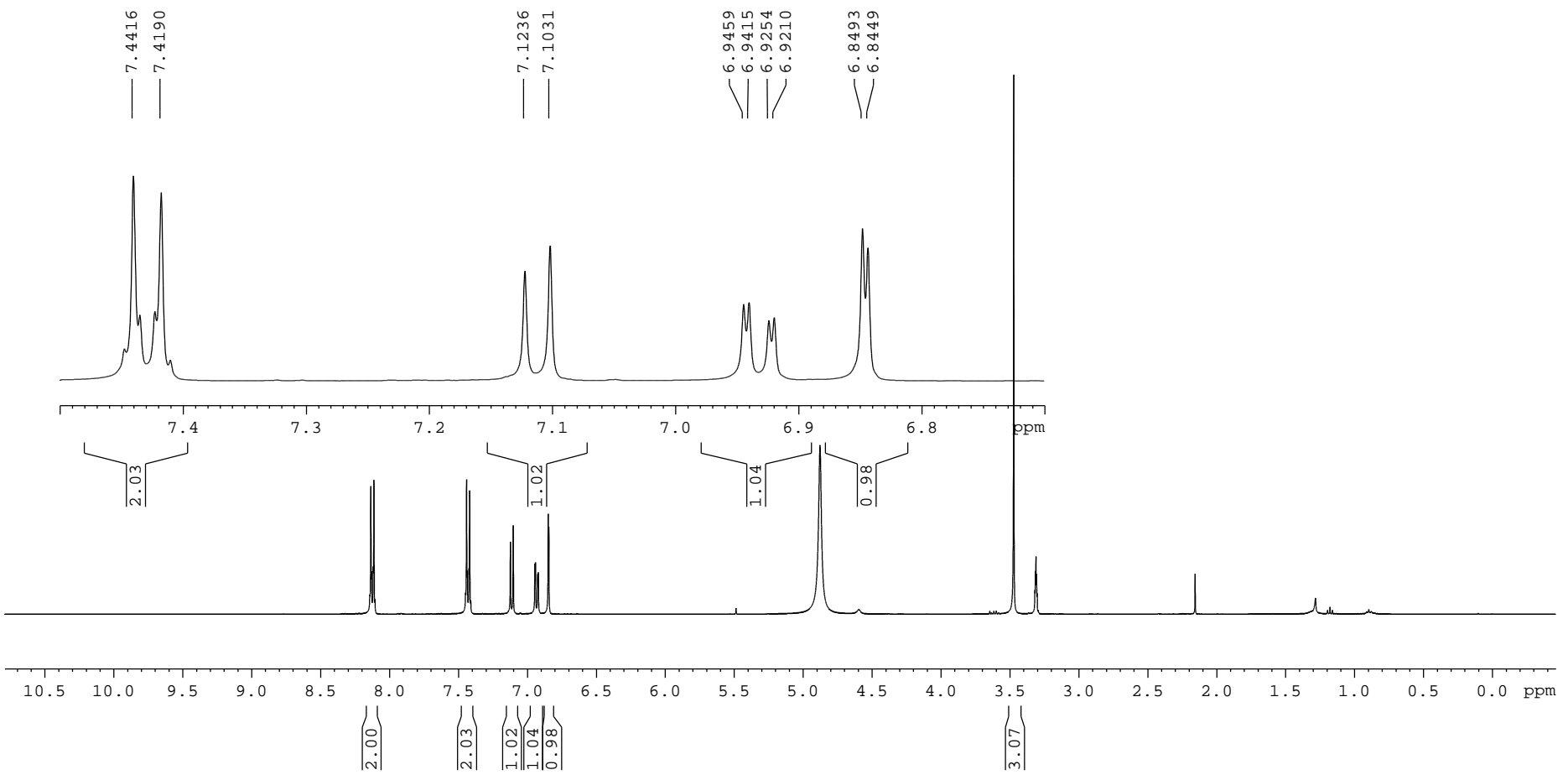
8.1361
8.1135
7.4416
7.4190
7.1236
7.1031
6.9459
6.9415
6.9254
6.9210
6.8493
6.8449

3.4721
3.3105



Current Data Parameters
 NAME syh-6-93-1
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140925
 Time 16.03
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD



— 170.95

— 156.14

— 150.67

— 147.17

— 131.43

— 128.36

— 125.56

— 125.08

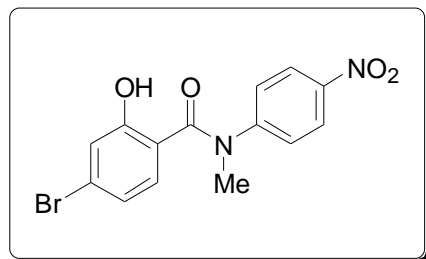
— 123.91

— 123.50

— 119.87

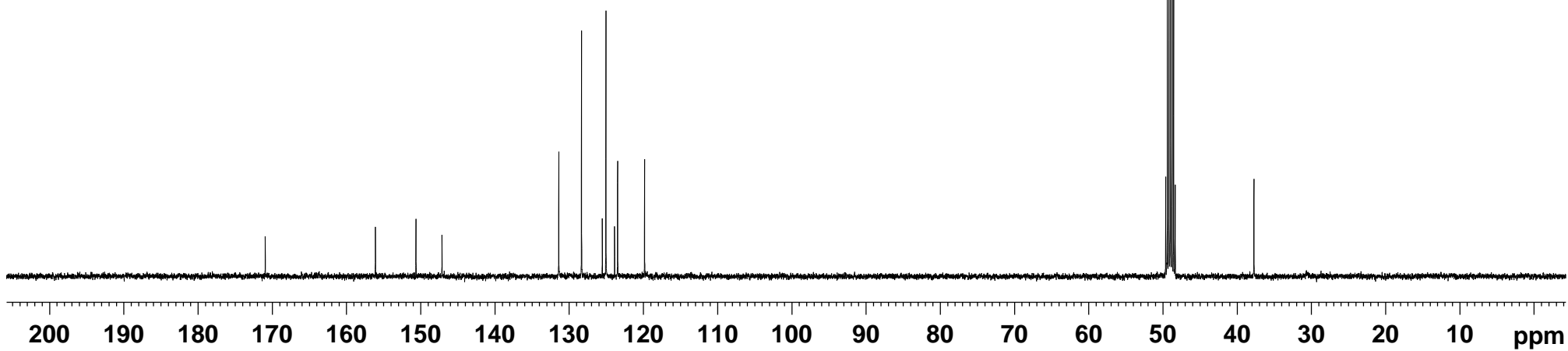
— 48.99

— 37.75



Current Data Parameters
NAME syh-6-93-1-c
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140926
Time 0.25
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT MeOD



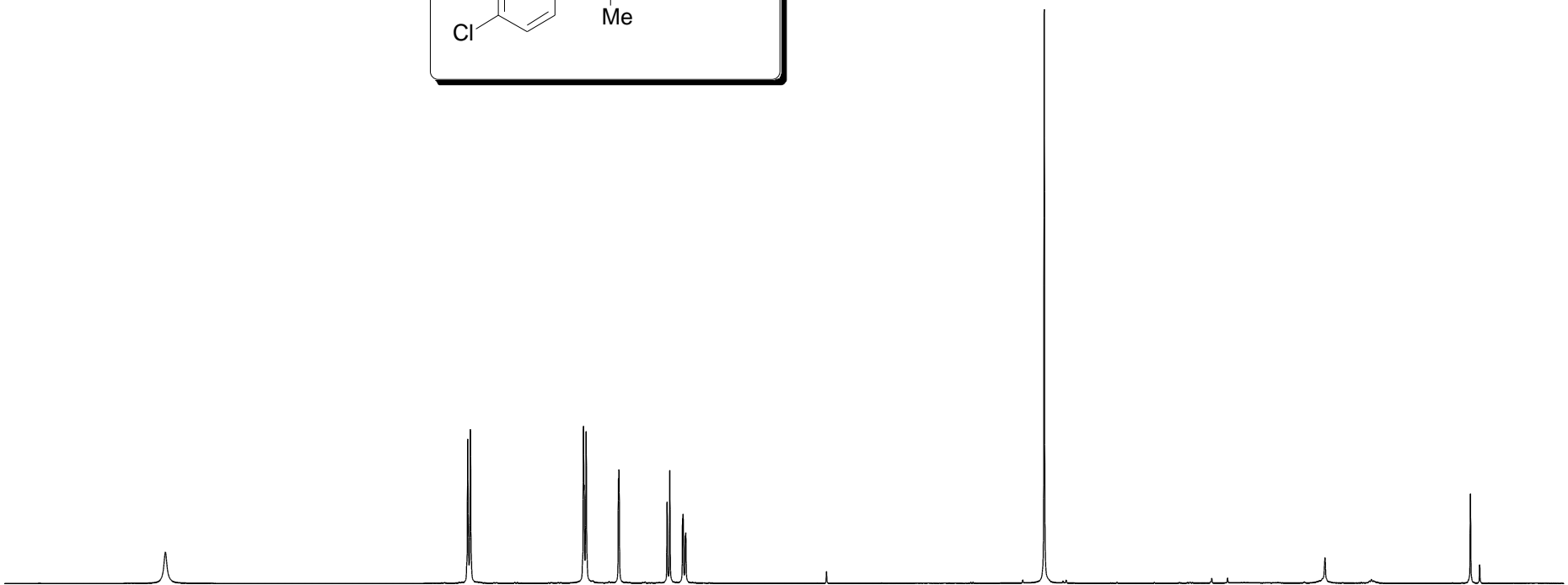
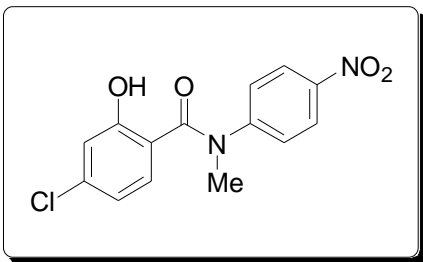
10.6692

8.2149
8.1933
7.2752
7.2702
7.2536
6.9906
6.9869
6.5960
6.5746
6.4700
6.4667
6.4486
6.4452

3.5348

Current Data Parameters
NAME syh-6-159-2
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20141104
Time 22.02
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT CDCl3



1.00

1.97

2.26

0.98

1.01

1.02

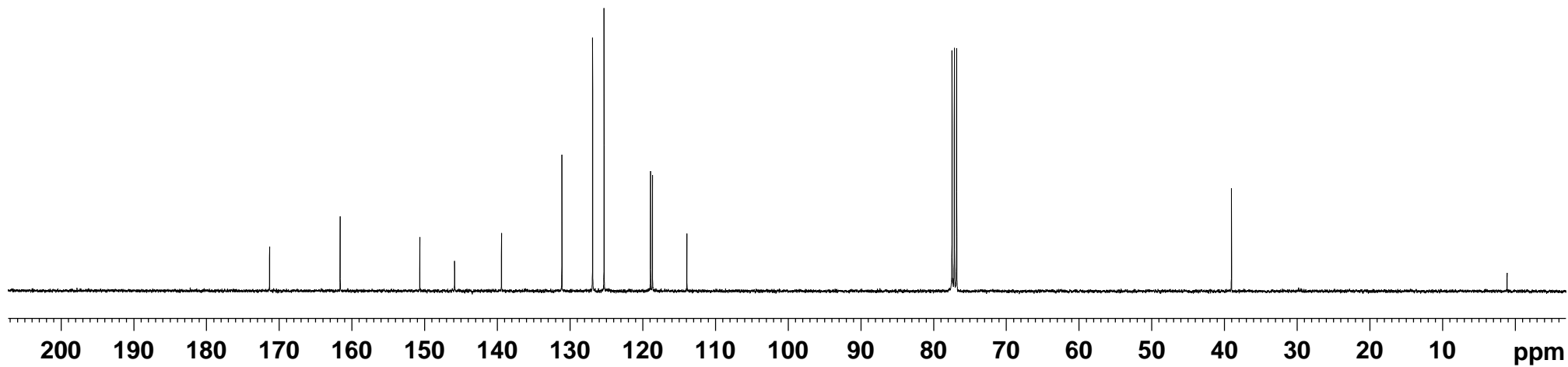
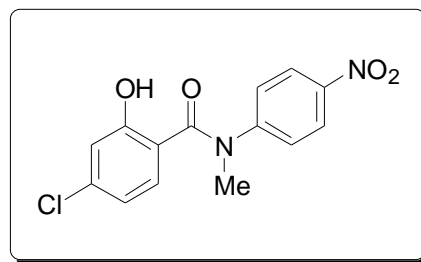
3.11

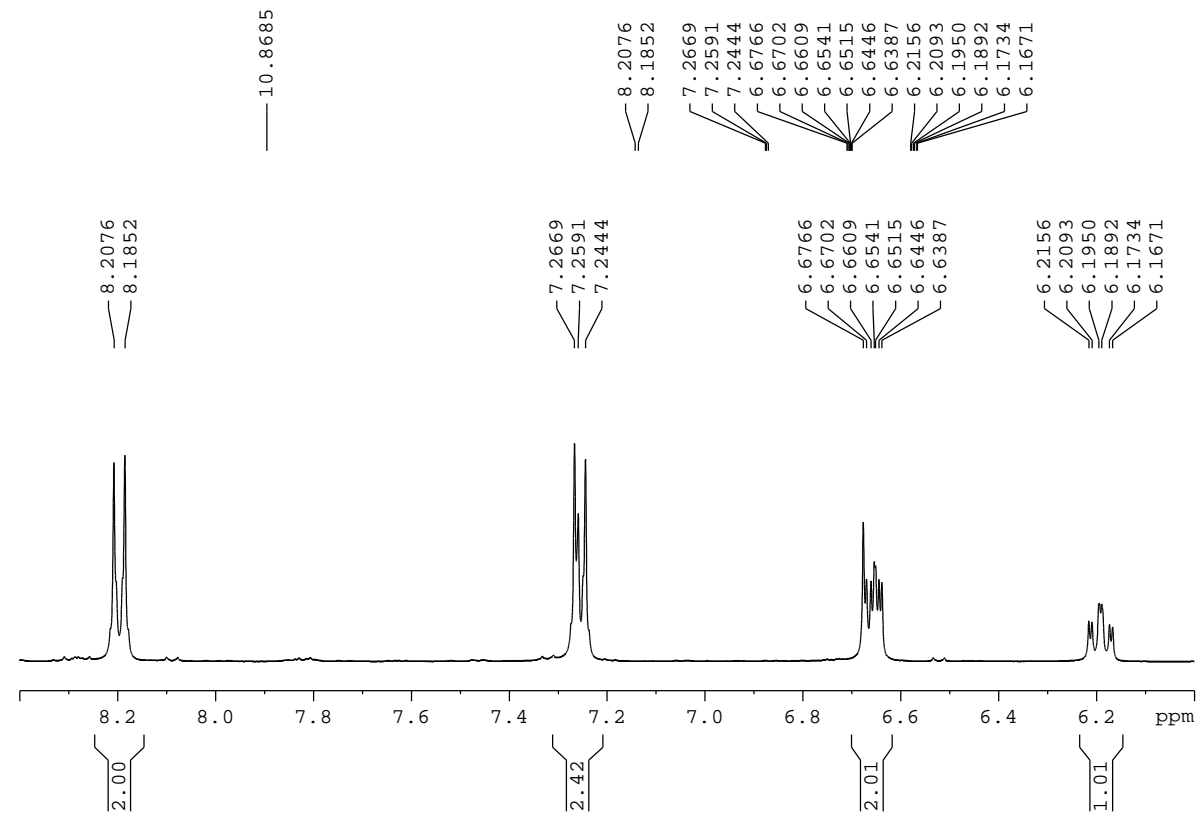
11 10 9 8 7 6 5 4 3 2 1 0 ppm

— 171.35
 — 161.64
 — 150.68
 — 145.90
 — 139.45
 — 131.15
 — 126.92
 — 125.34
 — 118.95
 — 118.68
 — 113.95
 — 77.48
 — 77.16
 — 76.84
 — 39.04

Current Data Parameters
 NAME syh-6-159-2-c
 EXPNO 10
 PROCNO 1

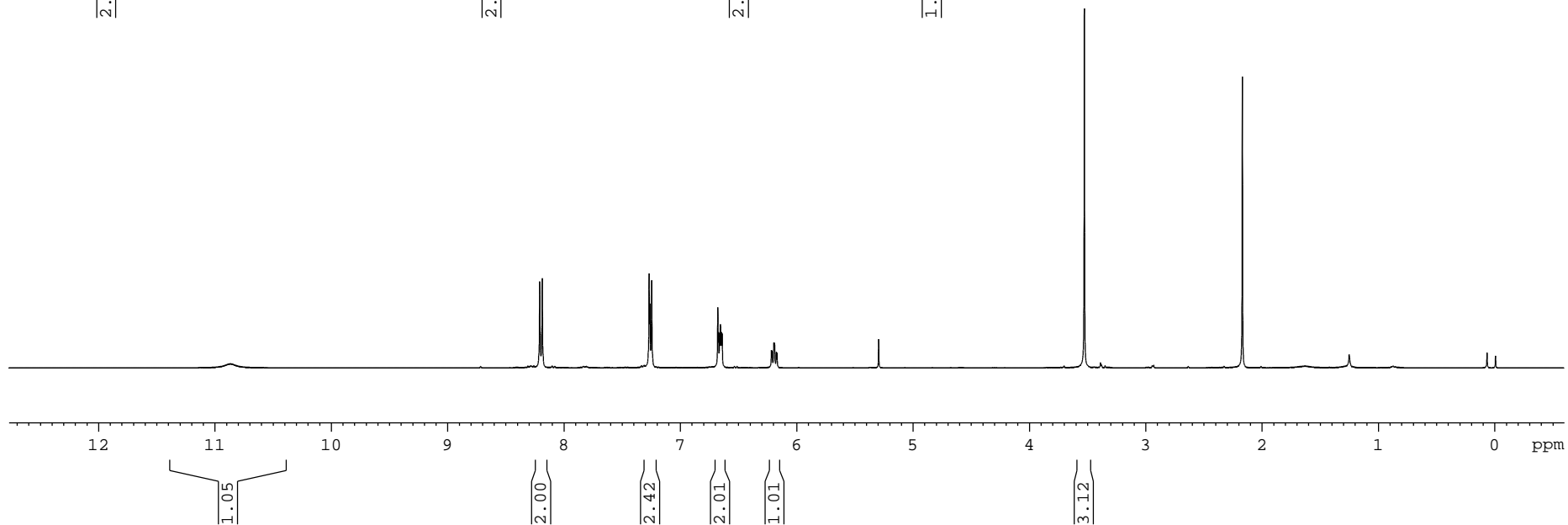
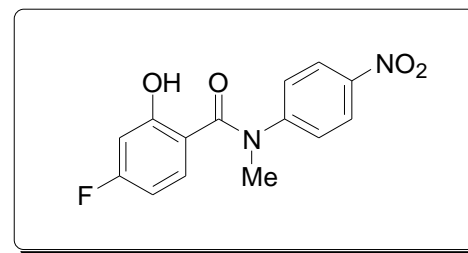
F2 - Acquisition Parameters
 Date_ 20141105
 Time 0.31
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3

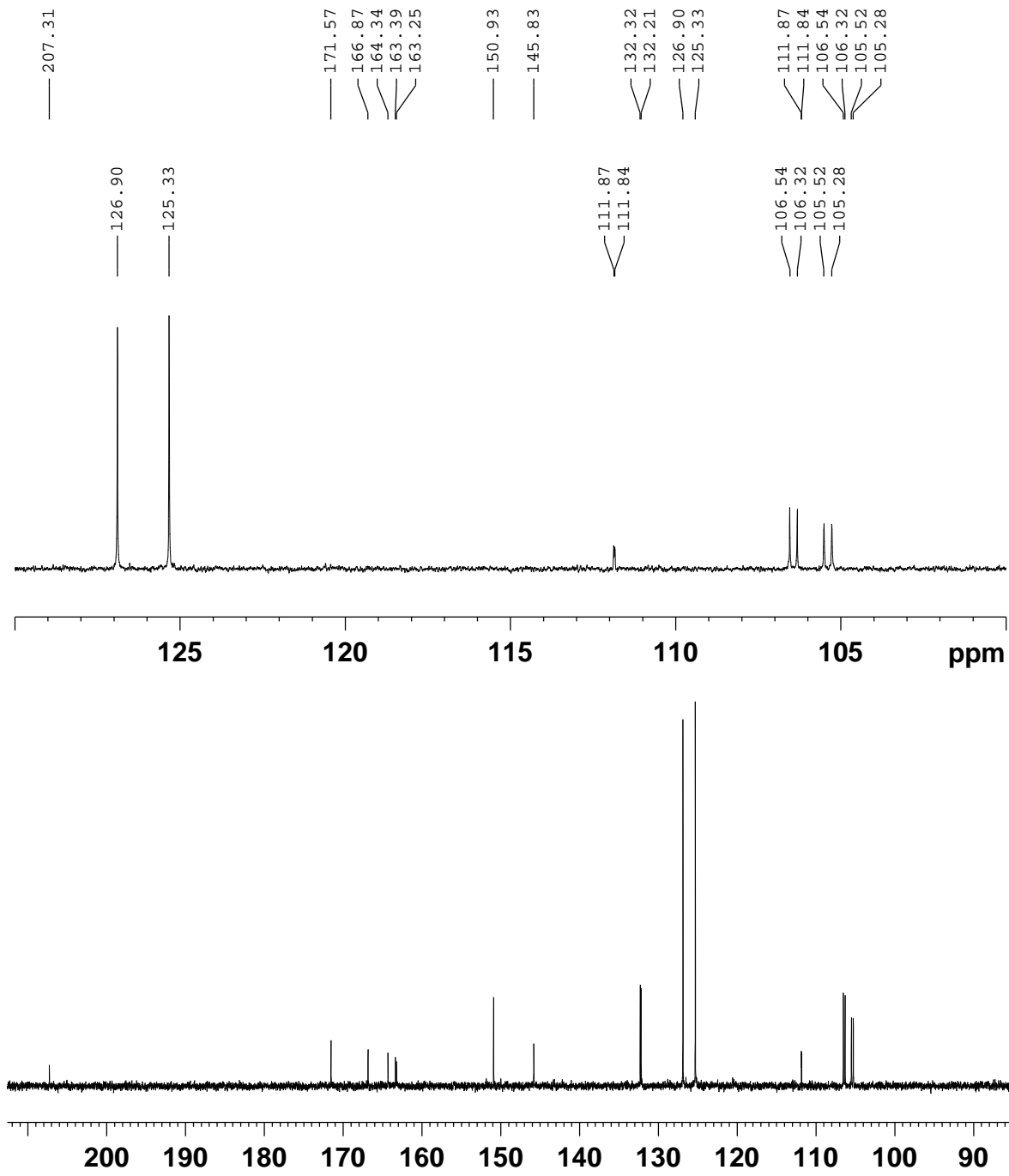




Current Data Parameters
 NAME syh-6-133-1
 EXPNO 10
 PROCNO 1

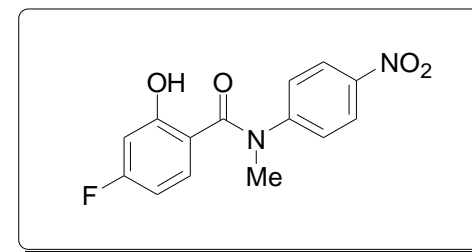
F2 - Acquisition Parameters
 Date_ 20141023
 Time 22.03
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3

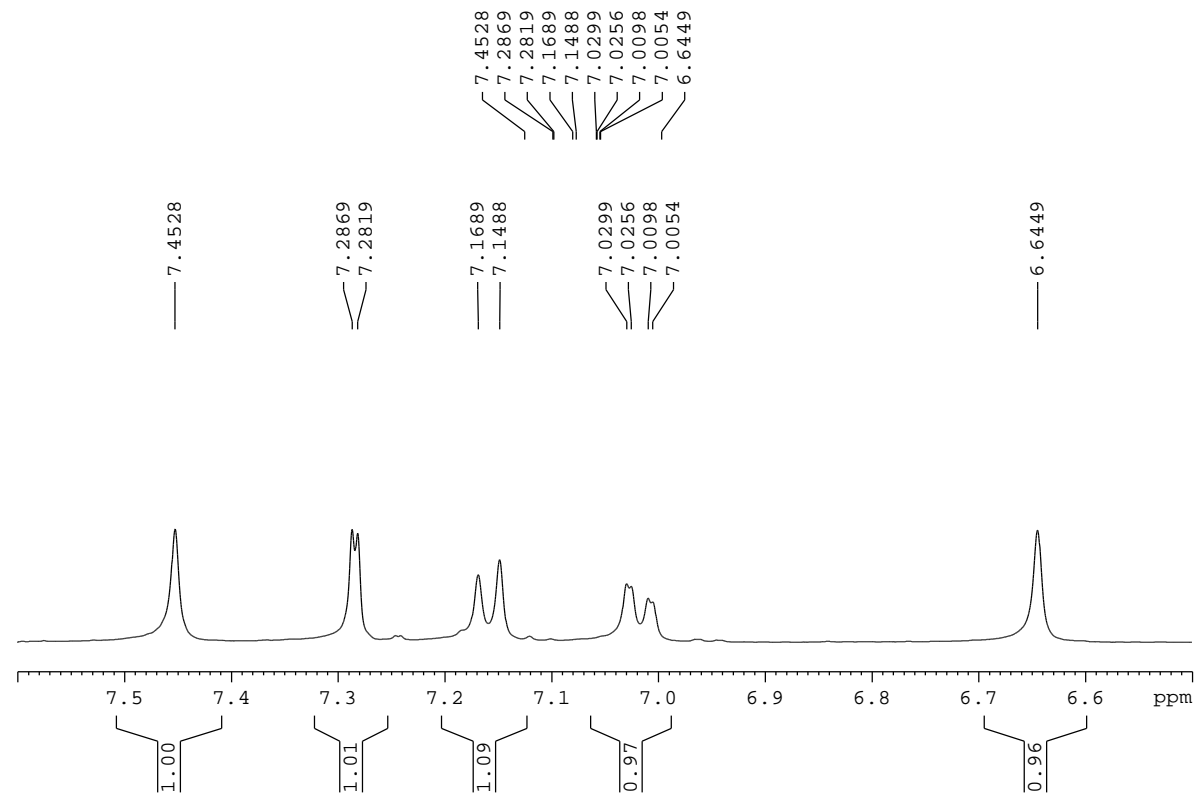




Current Data Parameters
 NAME syh-6-133-1-c
 EXPNO 10
 PROCNO 1

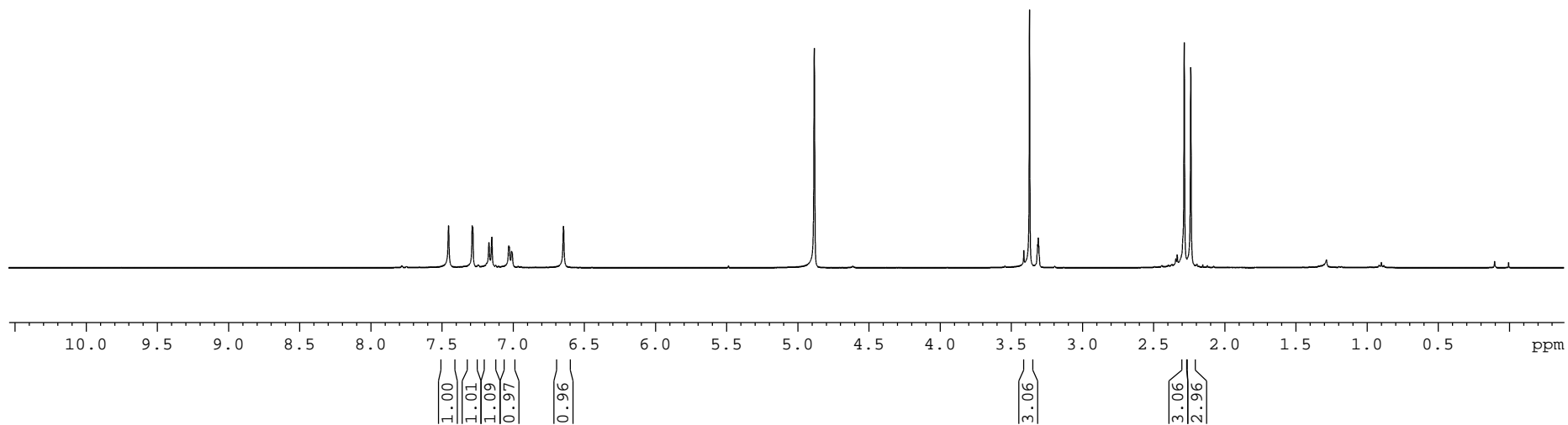
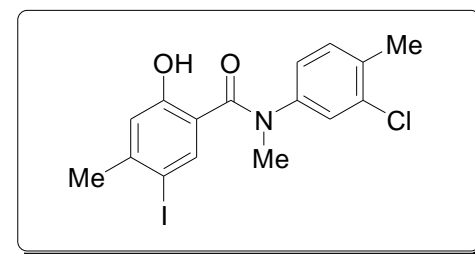
F2 - Acquisition Parameters
 Date_ 20141025
 Time 0.42
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3





Current Data Parameters
 NAME syh-6-57-1-1
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140911
 Time 11.38
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD



— 170.35
— 155.88
— 145.32
— 143.87
— 139.41
— 136.26
— 135.06
— 132.13
— 128.37
— 126.45
— 124.40
— 118.24

— 87.26

— 48.98

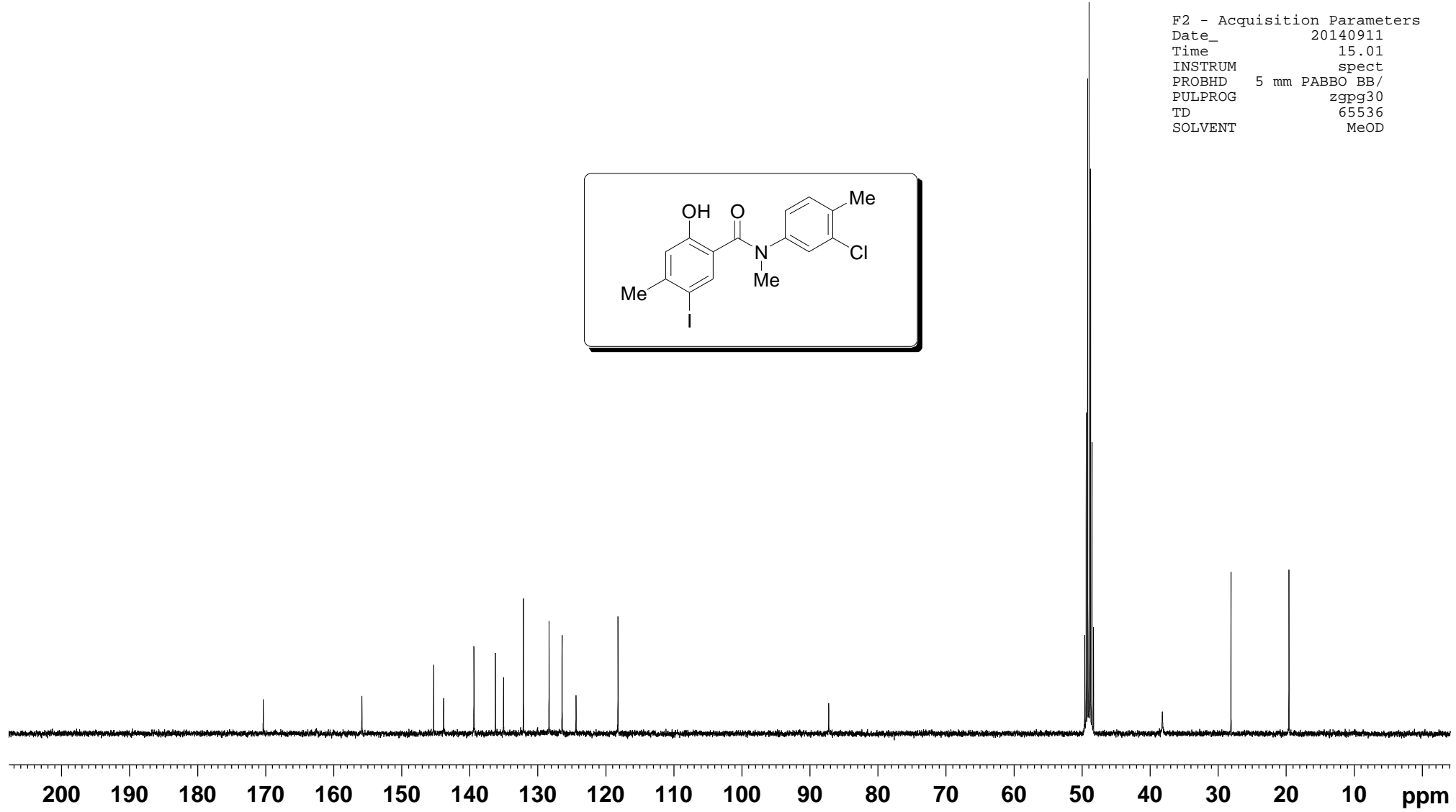
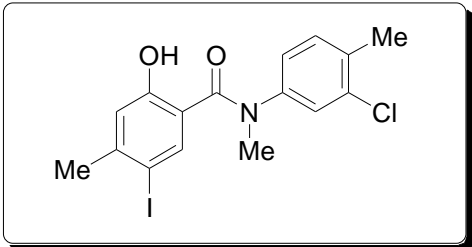
— 38.21

— 28.12

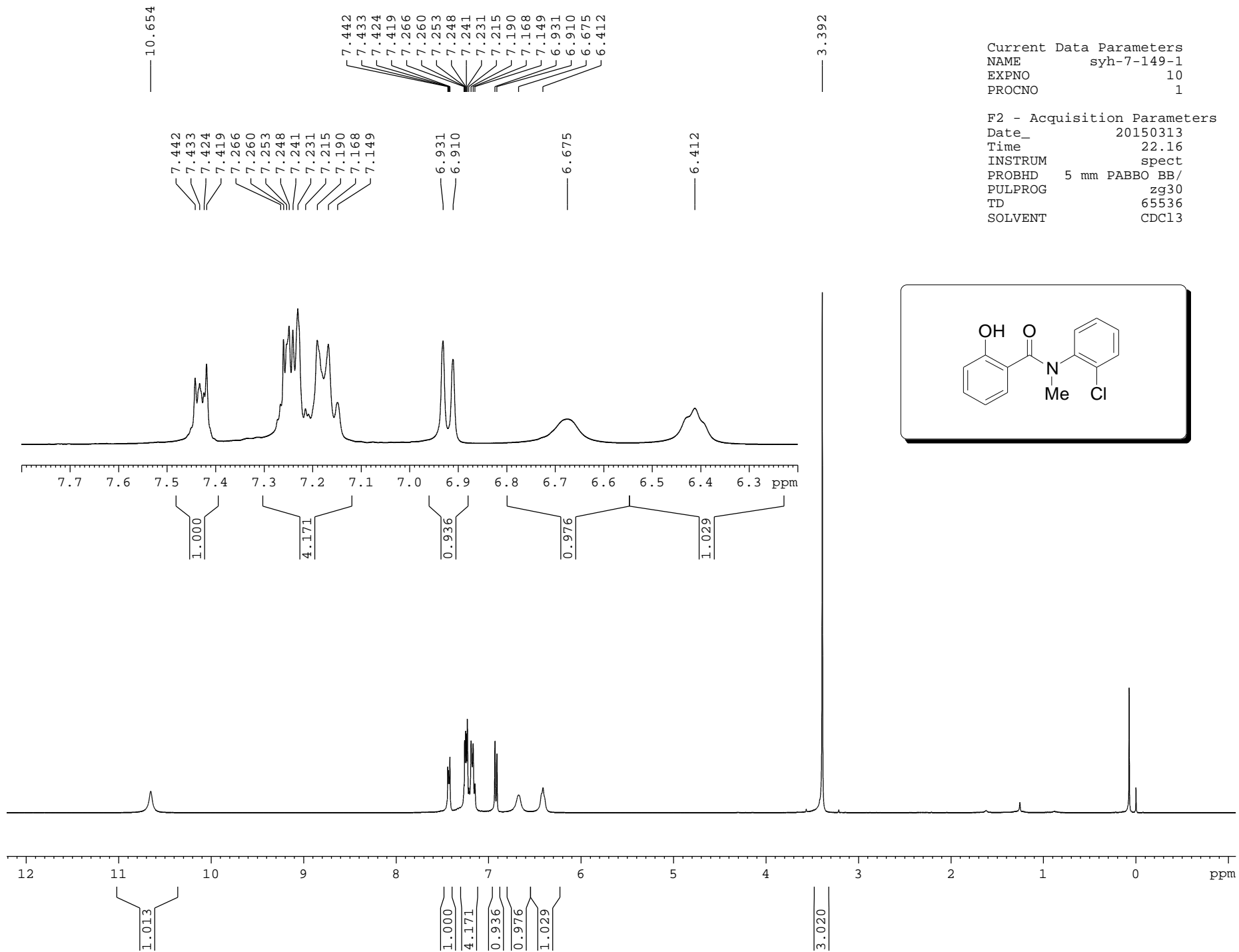
— 19.60

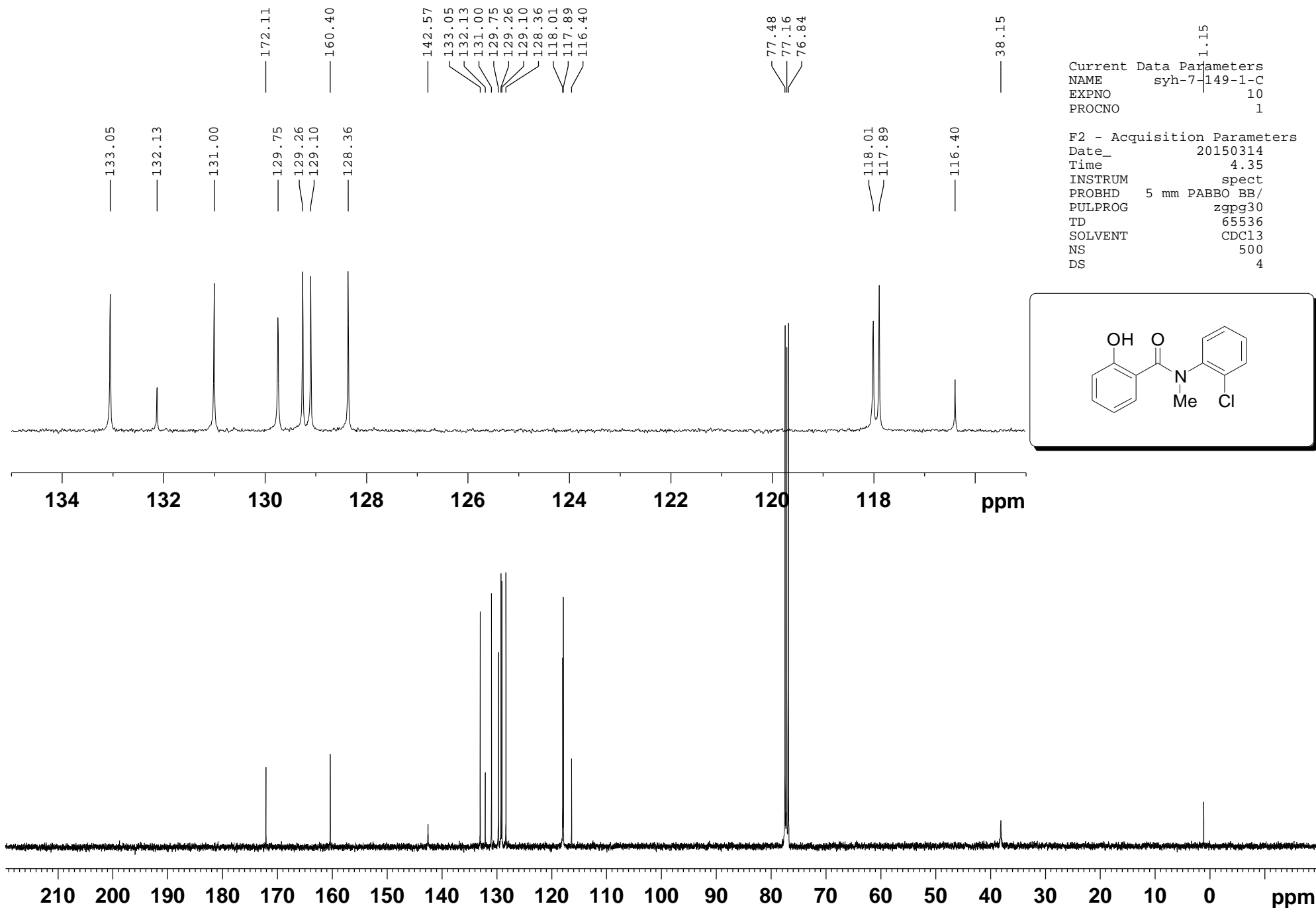
Current Data Parameters
NAME syh-6-57-1-1-c
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20140911
Time 15.01
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT MeOD



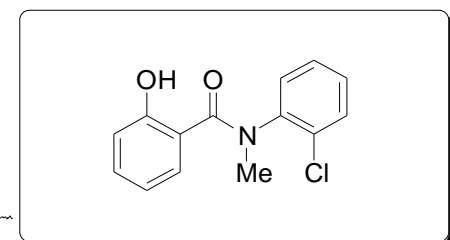
200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

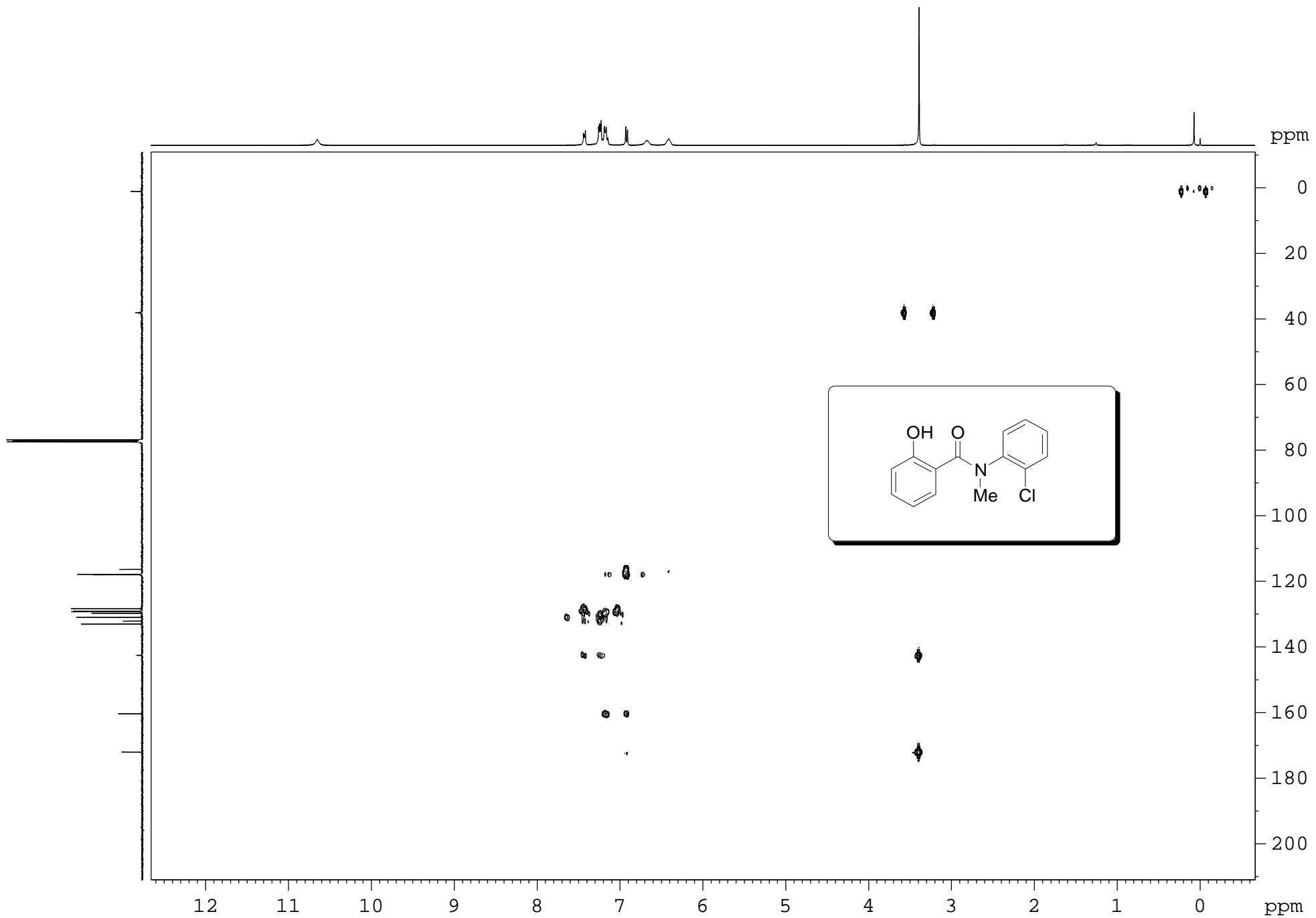


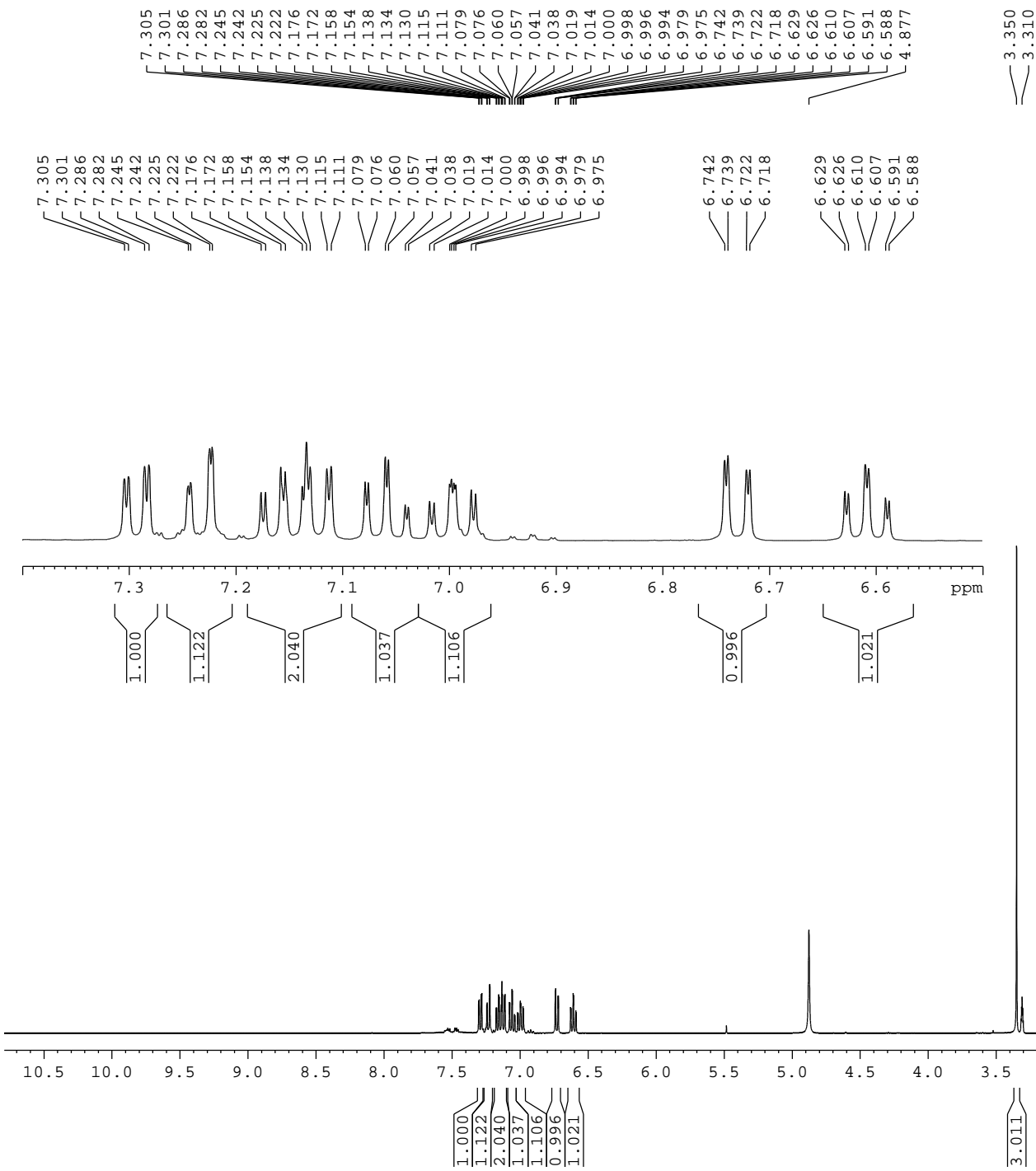


Current Data Parameters
 NAME syh-7-149-1-C
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150314
 Time 4.35
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 500
 DS 4

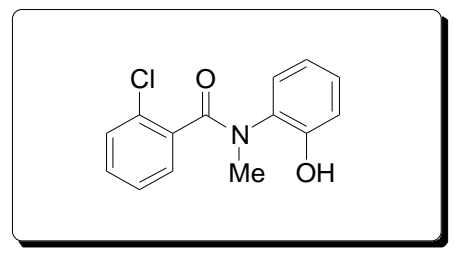


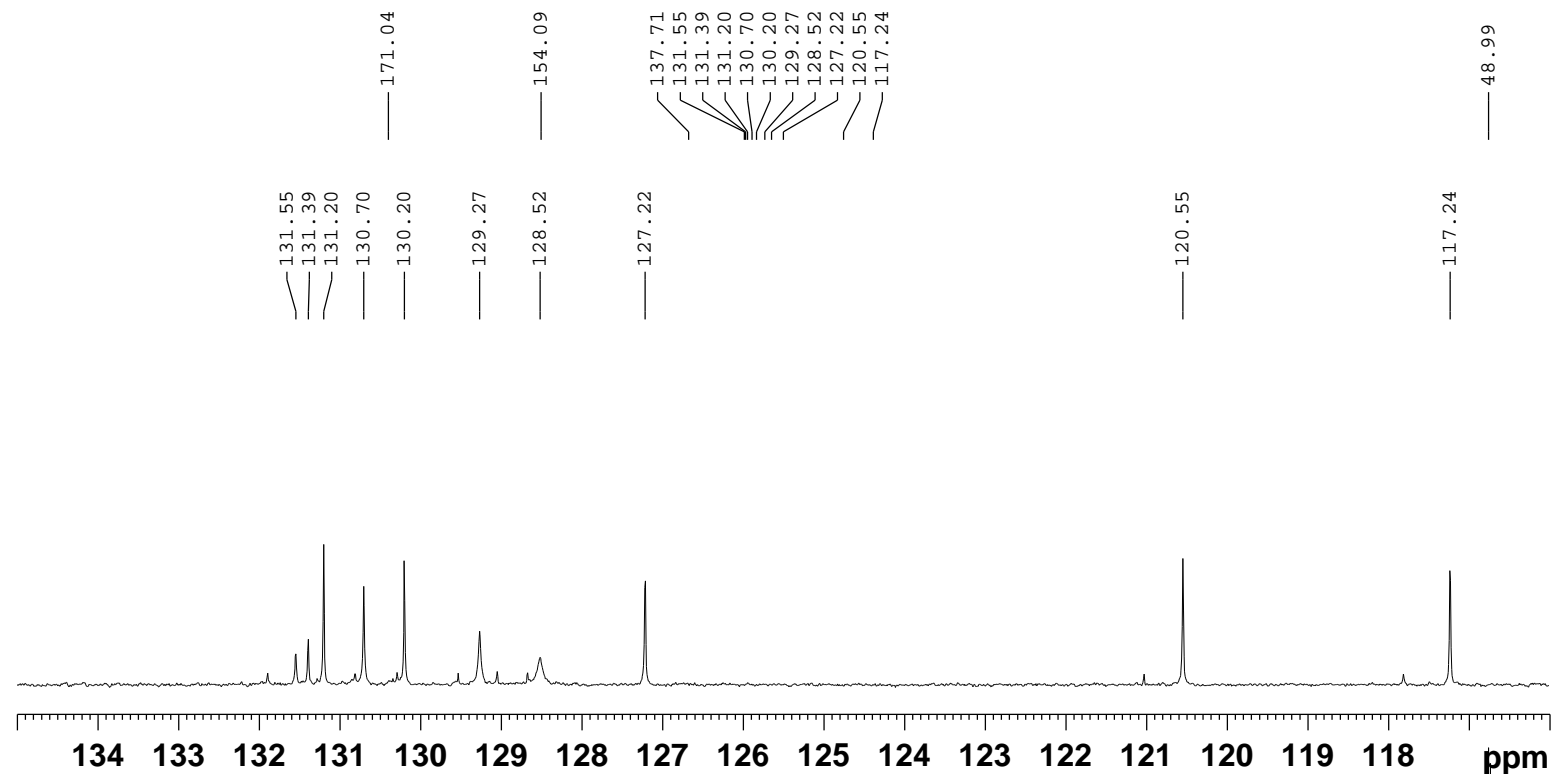




Current Data Parameters
 NAME syh-7-151-2
 EXPNO 10
 PROCNO 1

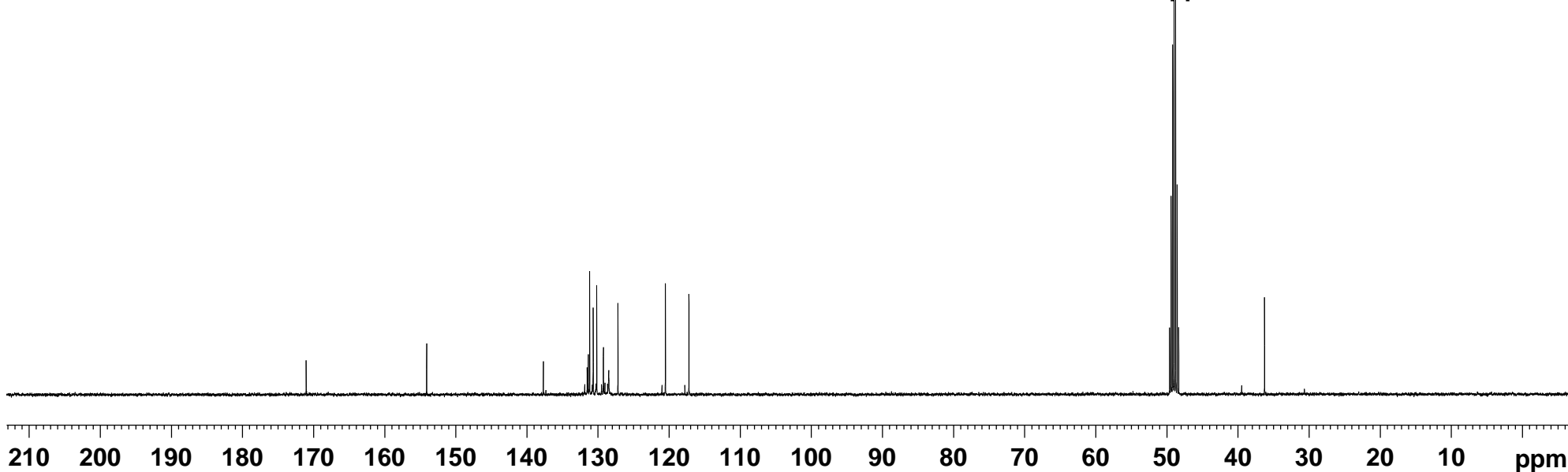
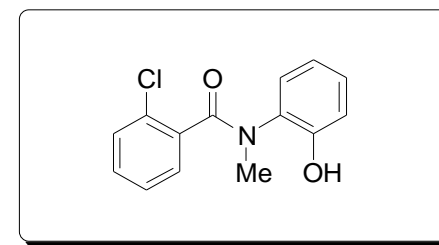
F2 - Acquisition Parameters
 Date_ 20150314
 Time 21.49
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD

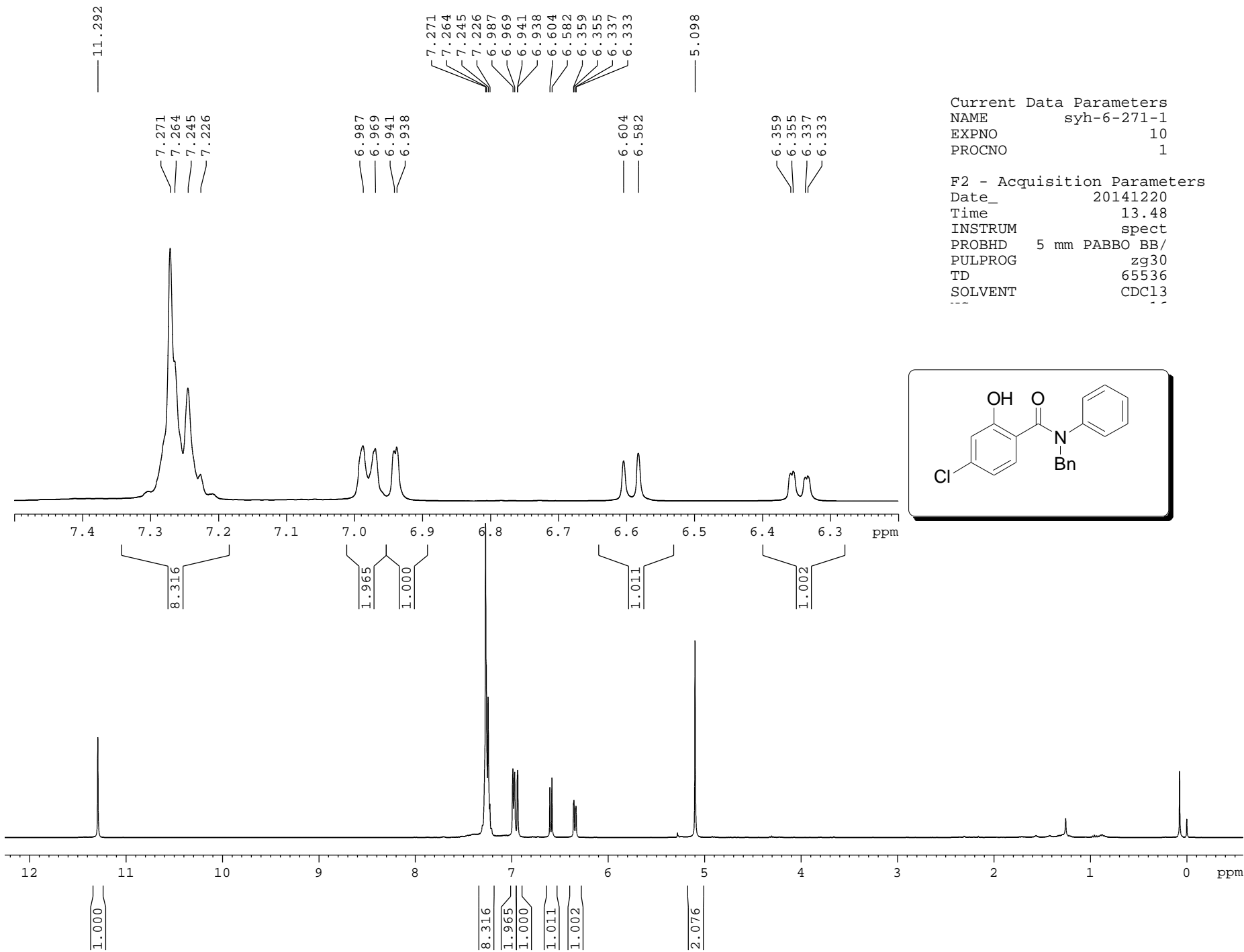


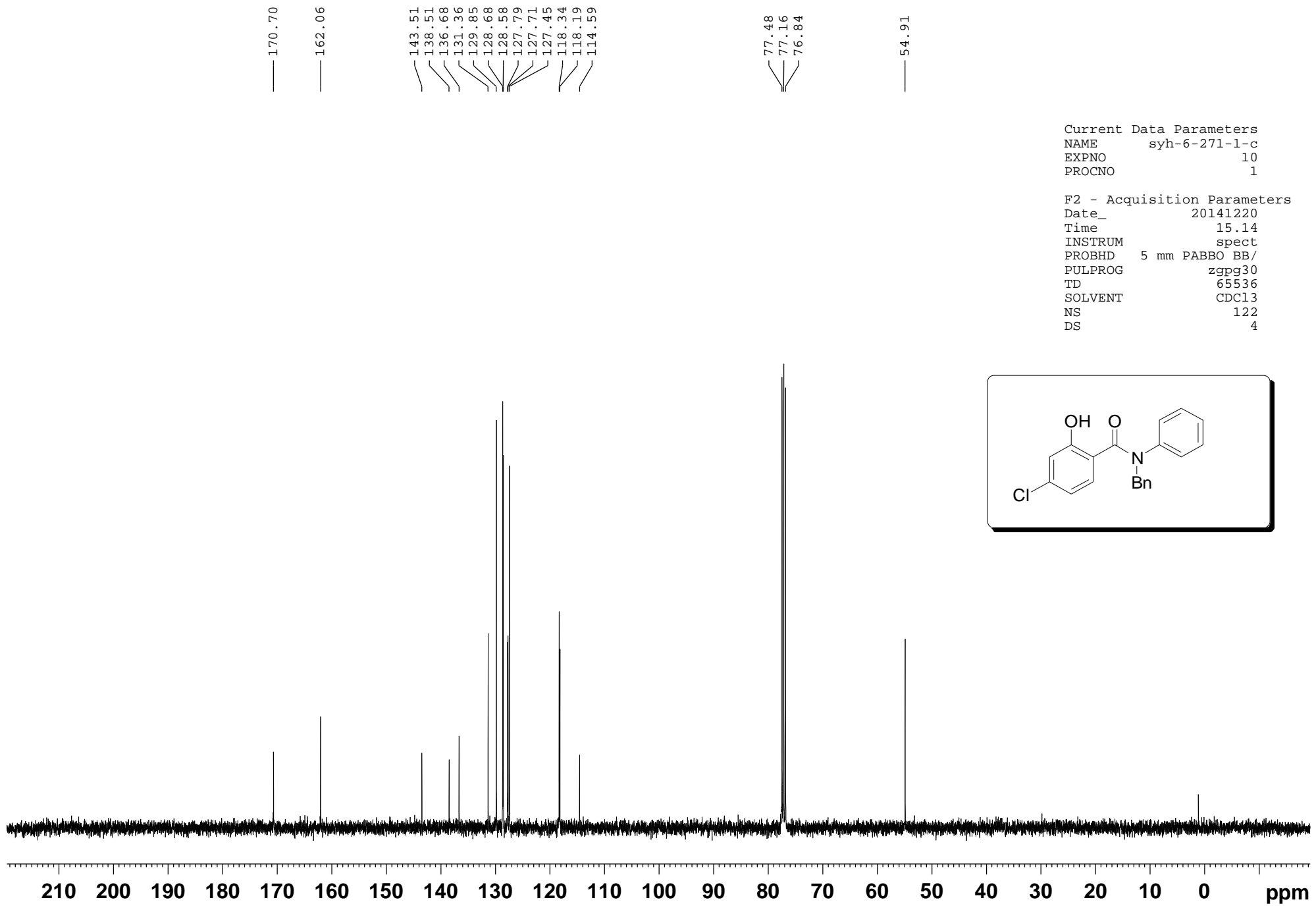


Current Data Parameters
 NAME syh-7-151-2-c
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150315
 Time 9.05
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 500
 DS 4

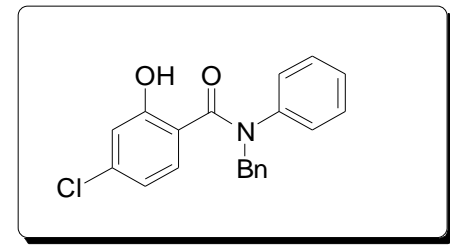


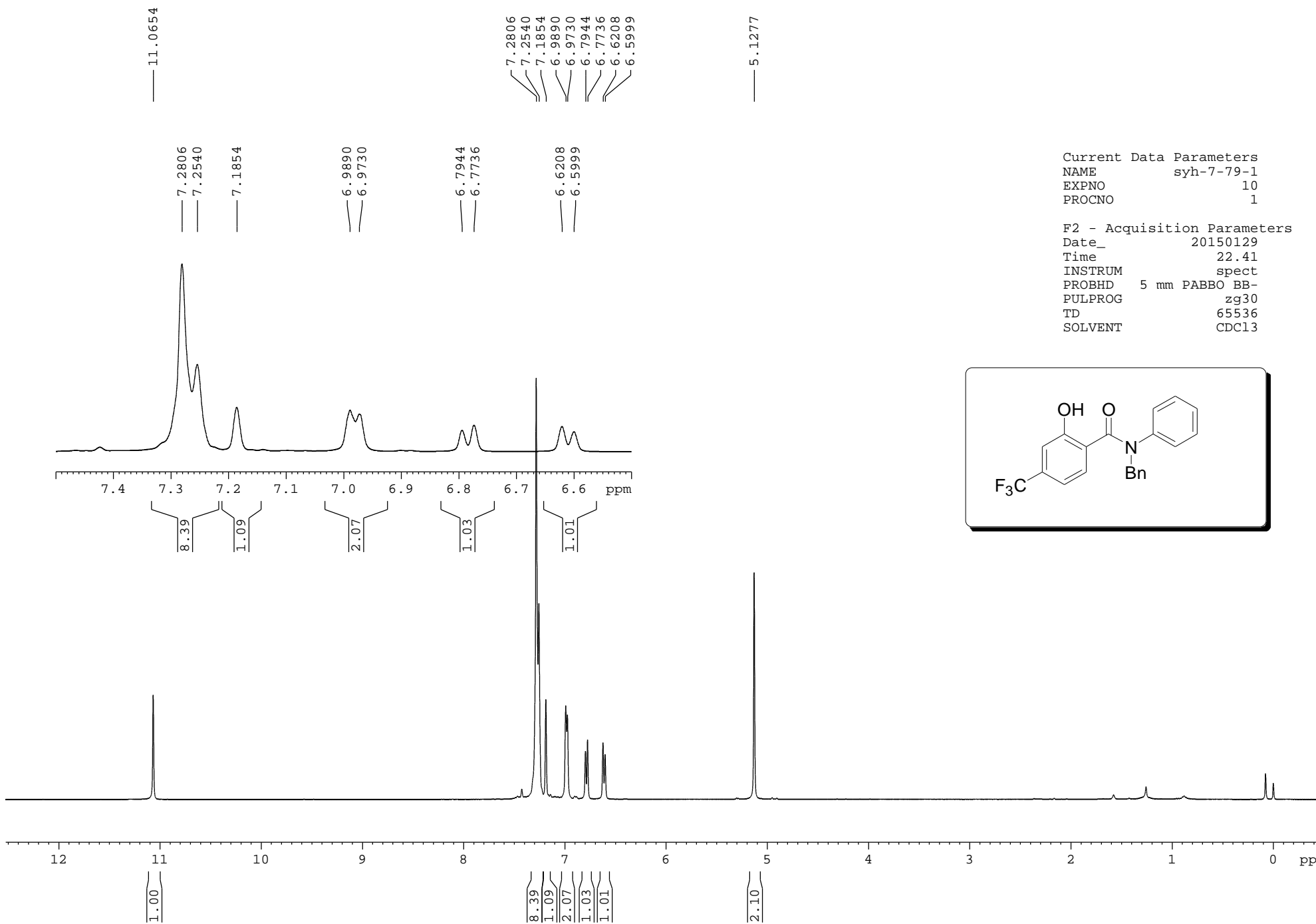


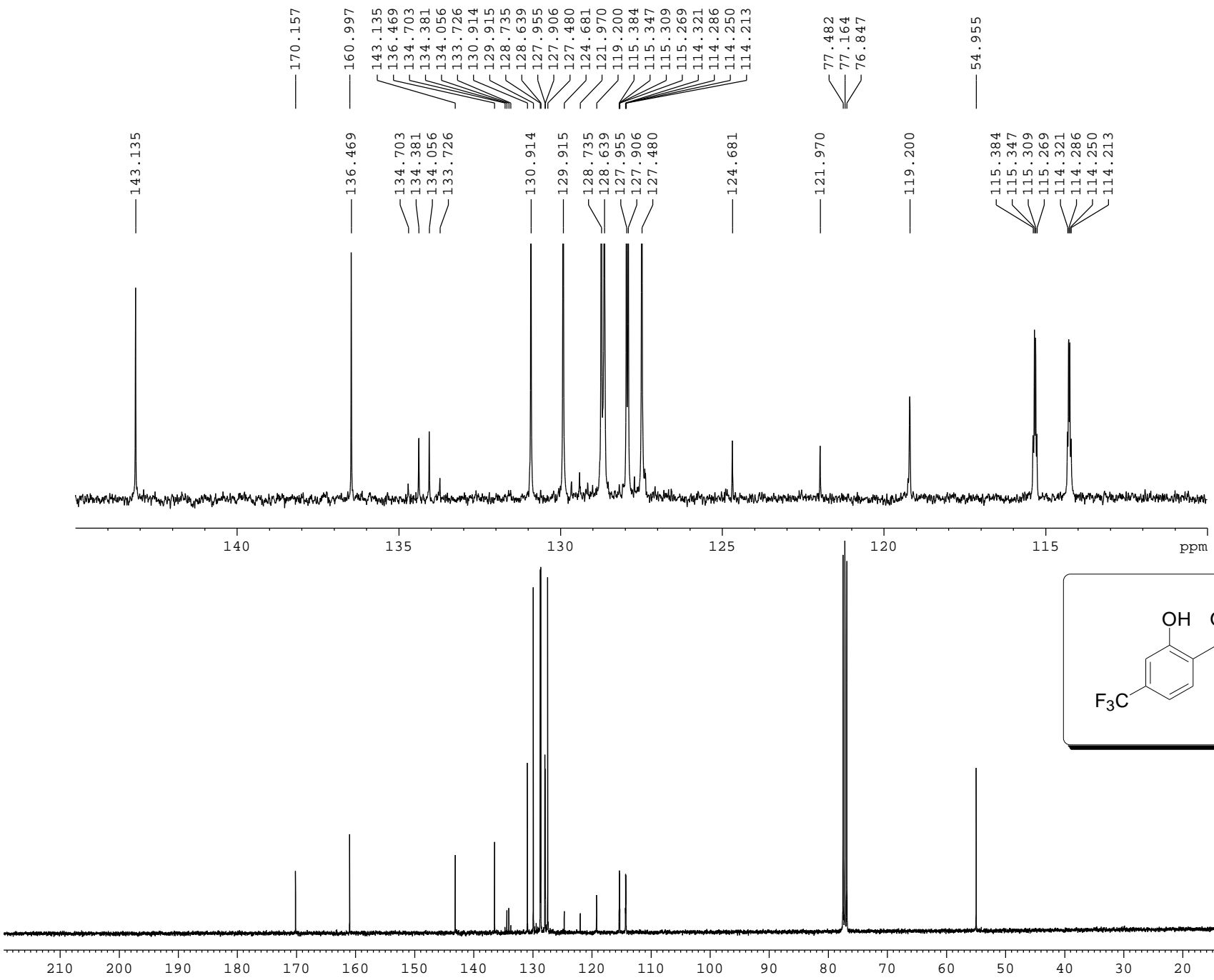


Current Data Parameters
 NAME syh-6-271-1-c
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141220
 Time 15.14
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 122
 DS 4







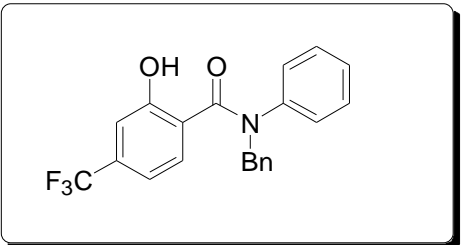
Current Data Parameters
 NAME syh-7-79-1-c
 EXPNO 20
 PROCNO 1

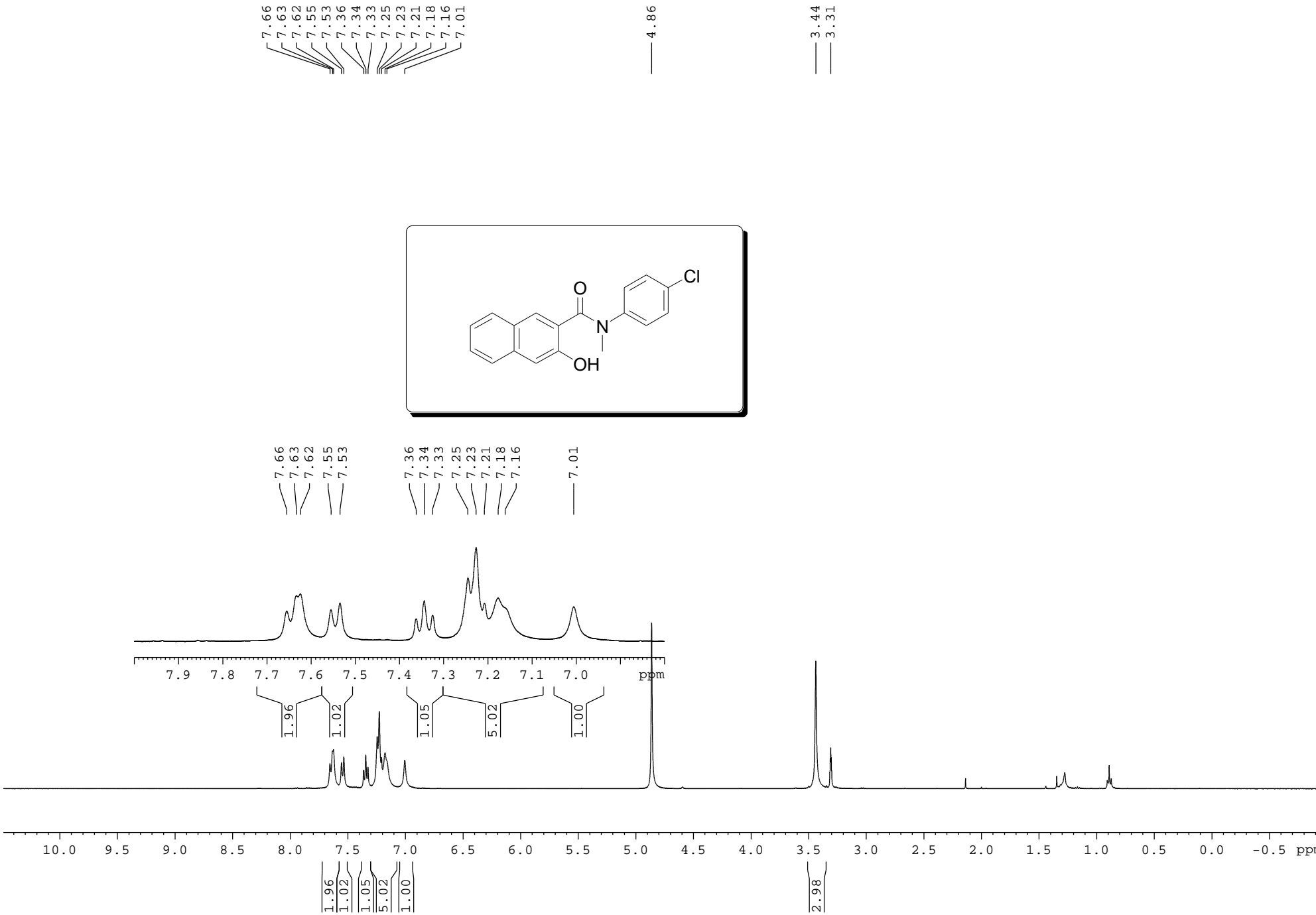
F2 - Acquisition Parameters
 Date_ 20150129
 Time 23.48
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 600
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 se
 RG 209.25
 DW 20.829 us
 DE 6.50 us
 TE 295.6 K
 D1 2.00000000 se
 D11 0.03000000 se
 TD0 1

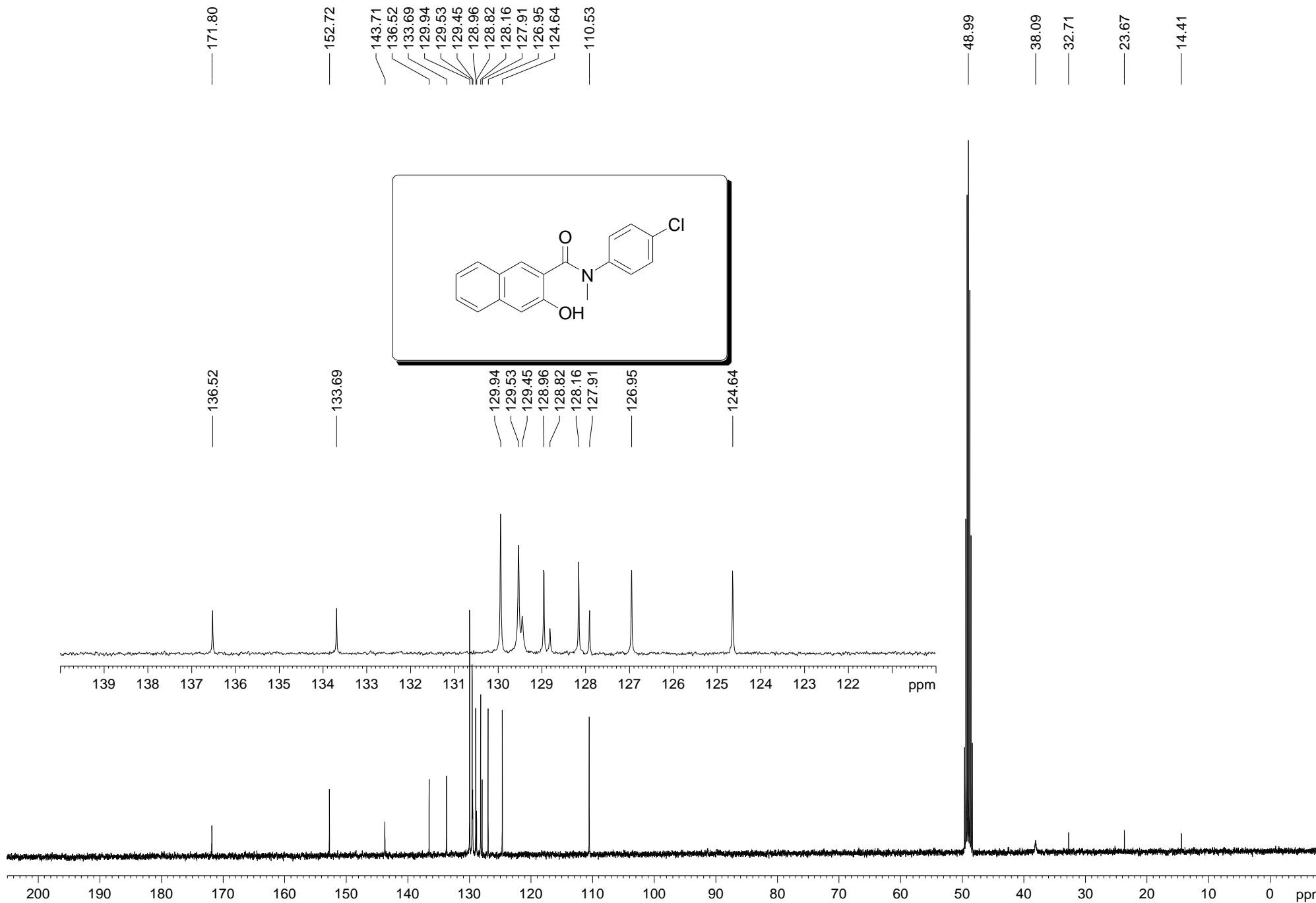
==== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 us
 PLW1 50.00299835 W
 SFO1 100.6228293 MH

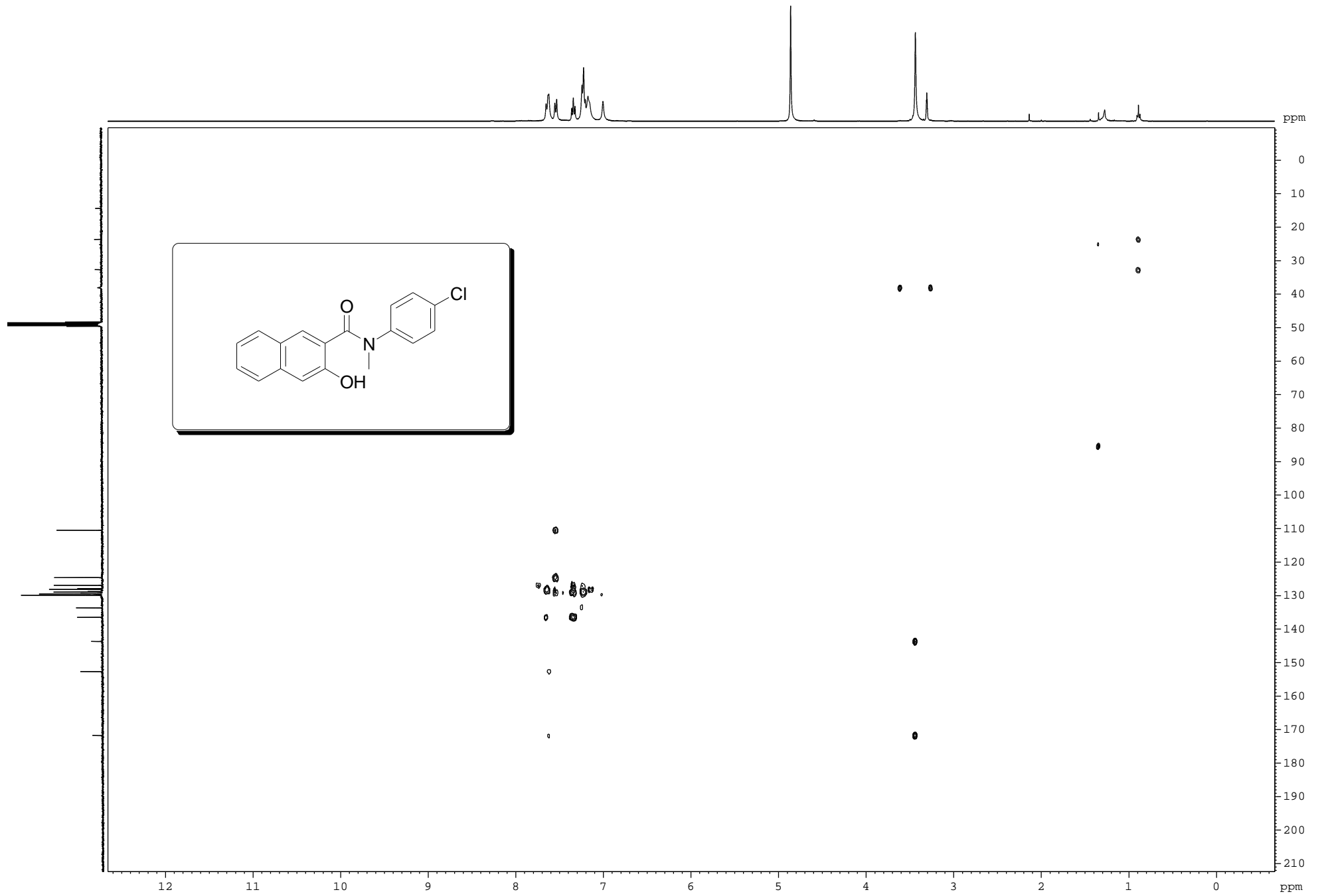
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 90.00 us
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MH

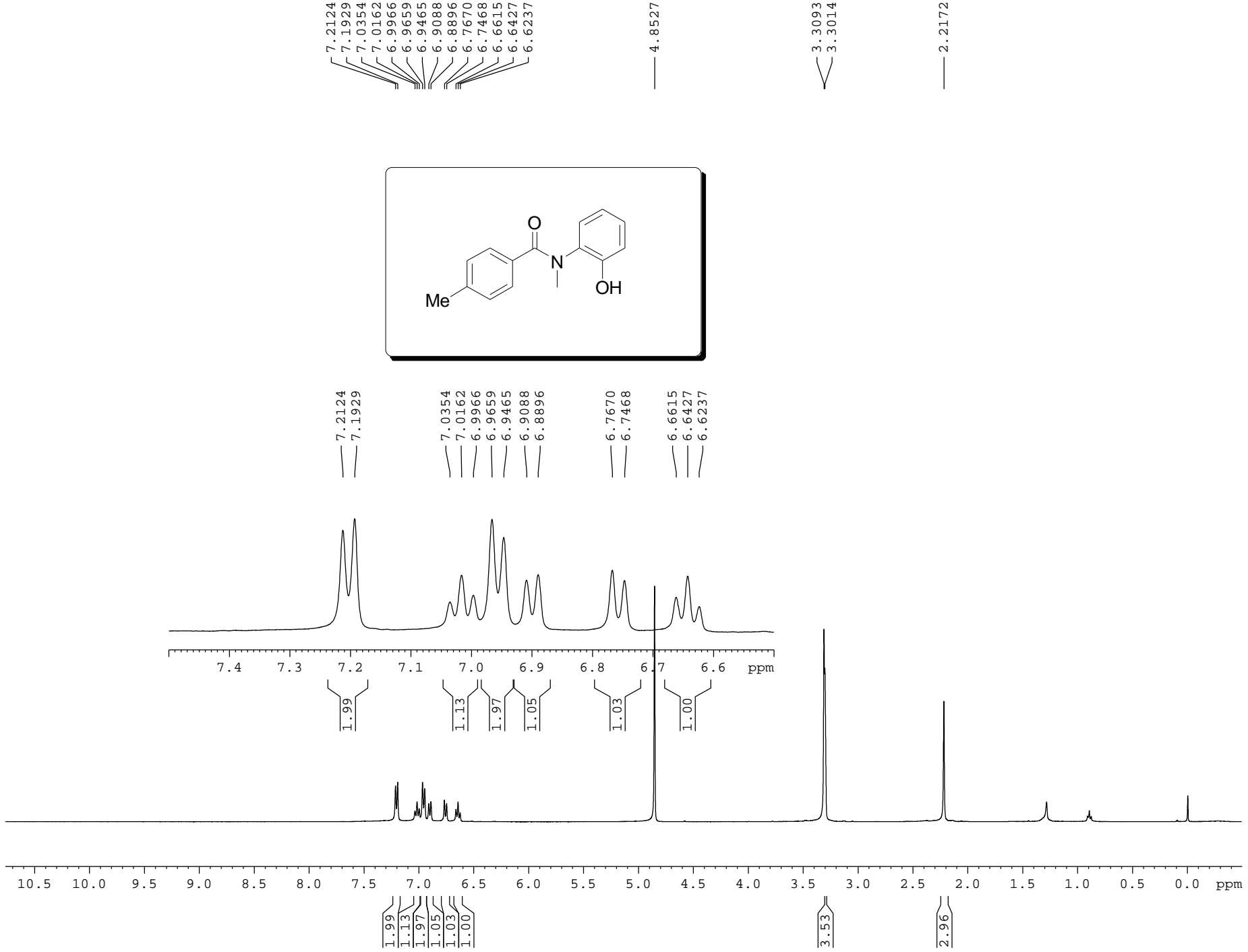
F2 - Processing parameters
 SI 32768
 SF 100.6127568 MH
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

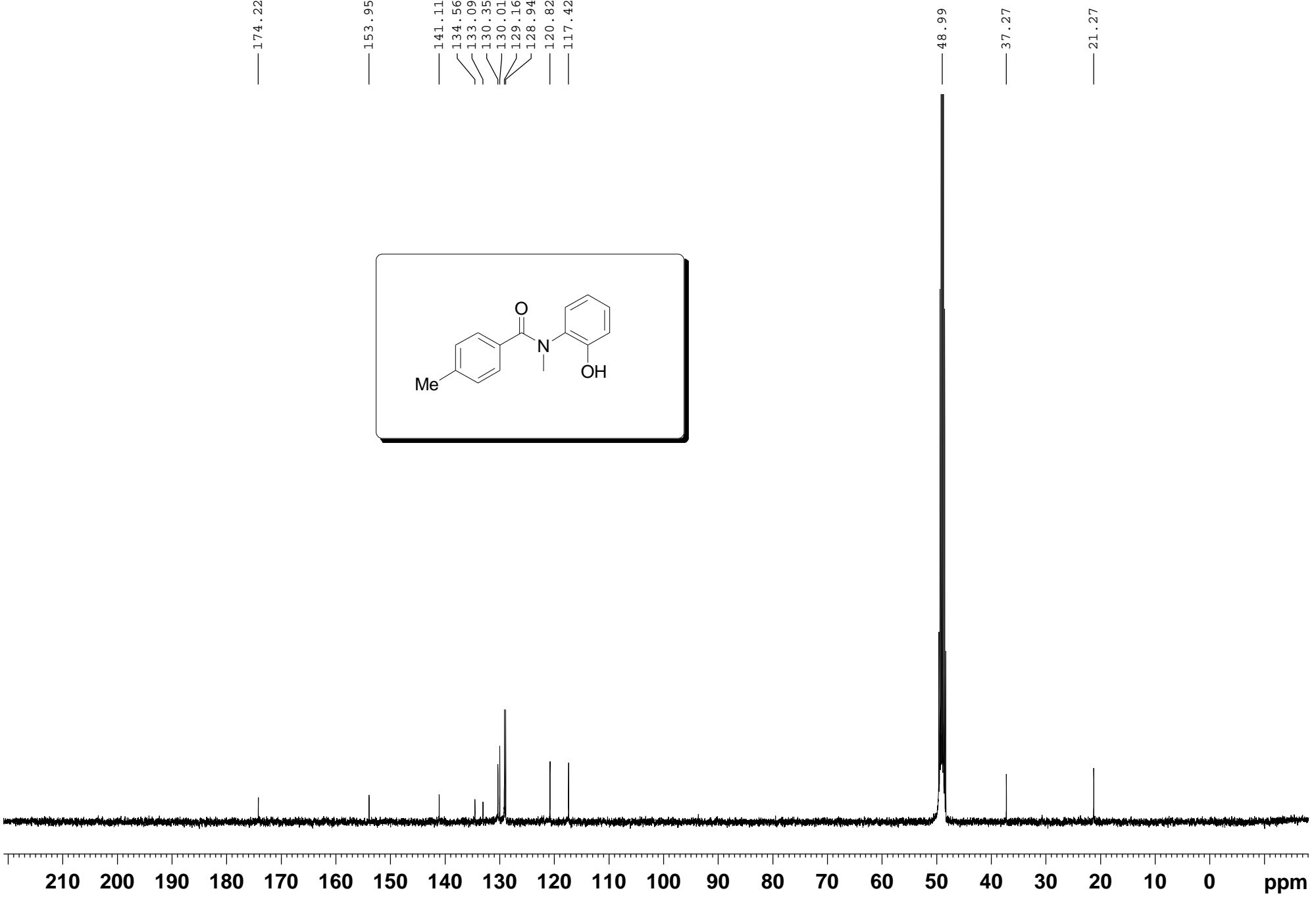
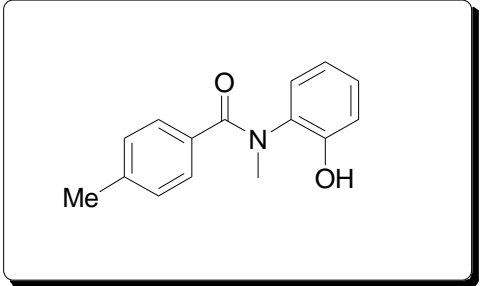


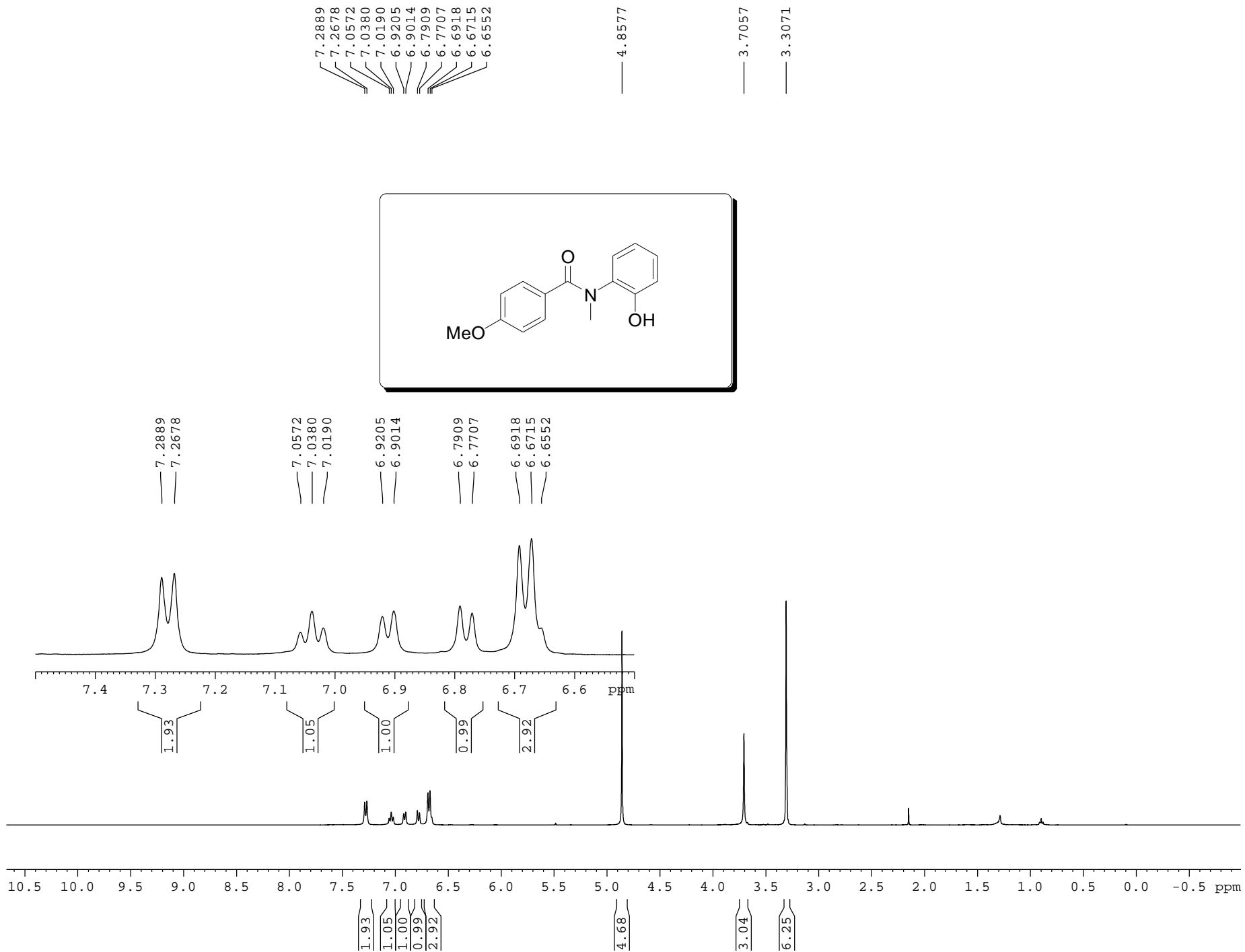


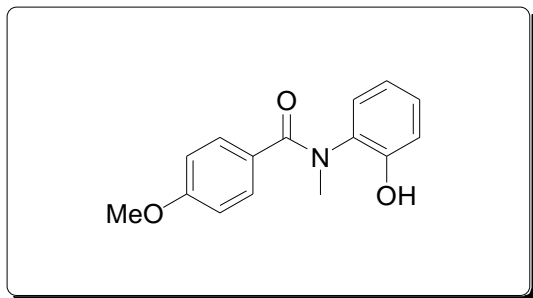
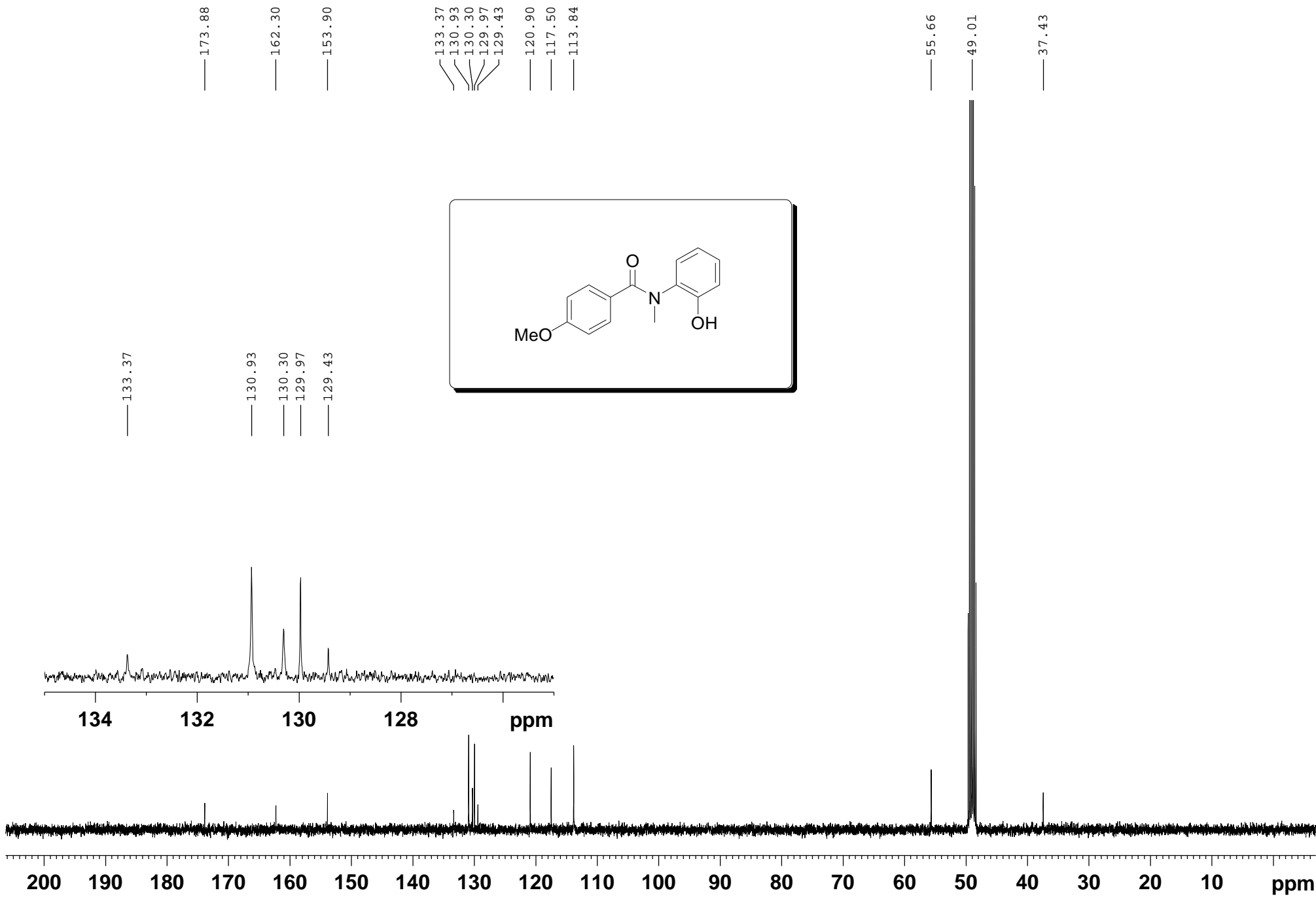


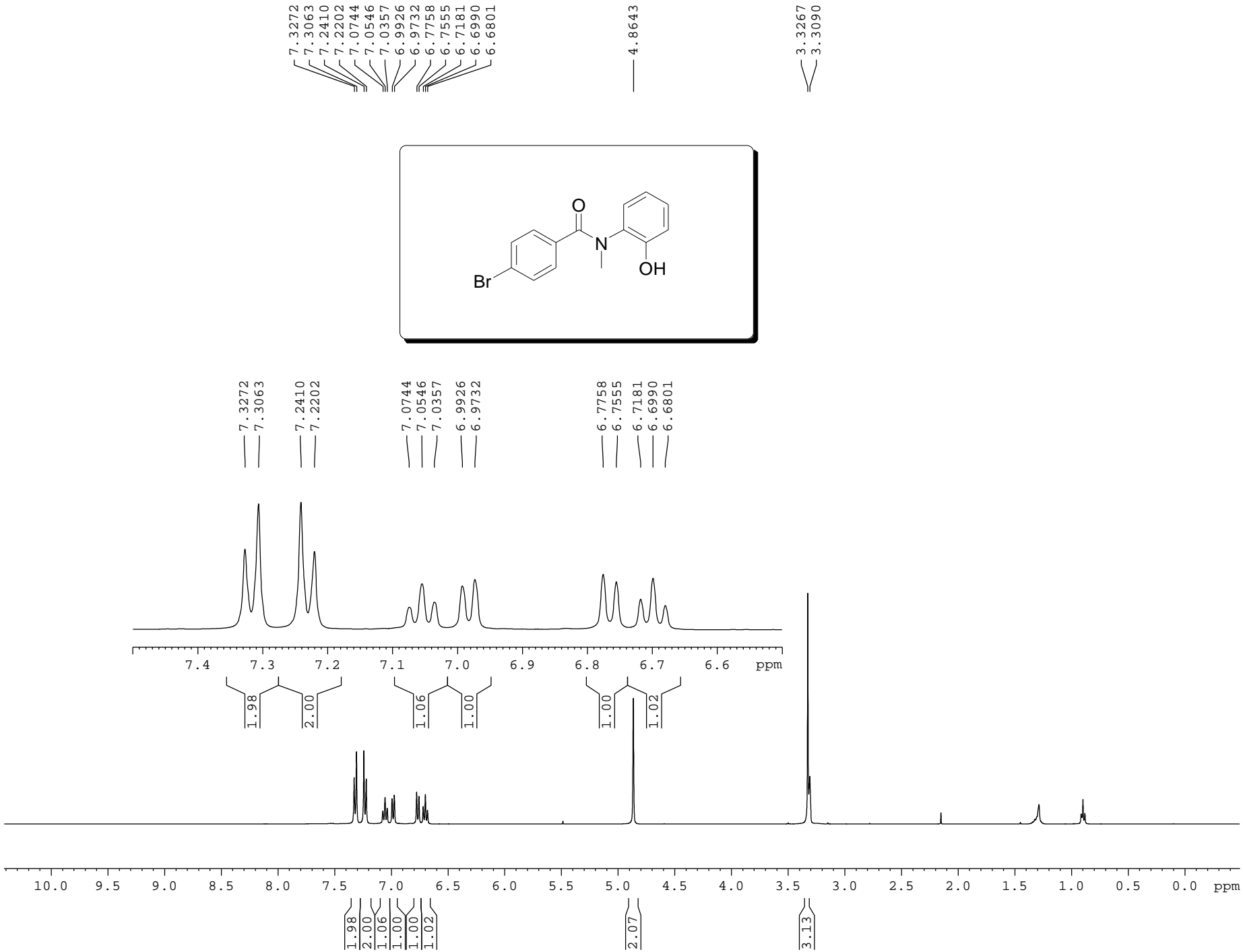


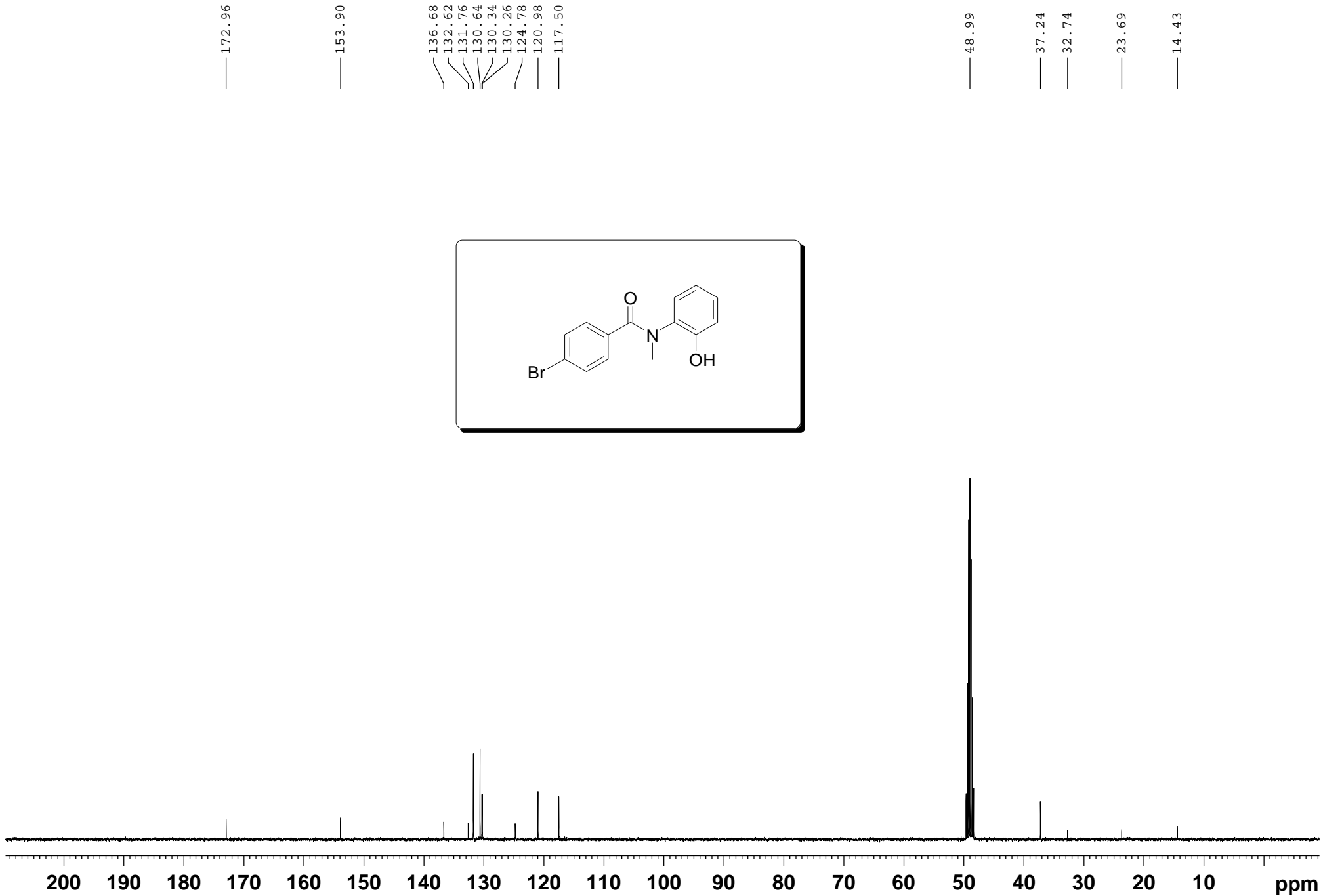


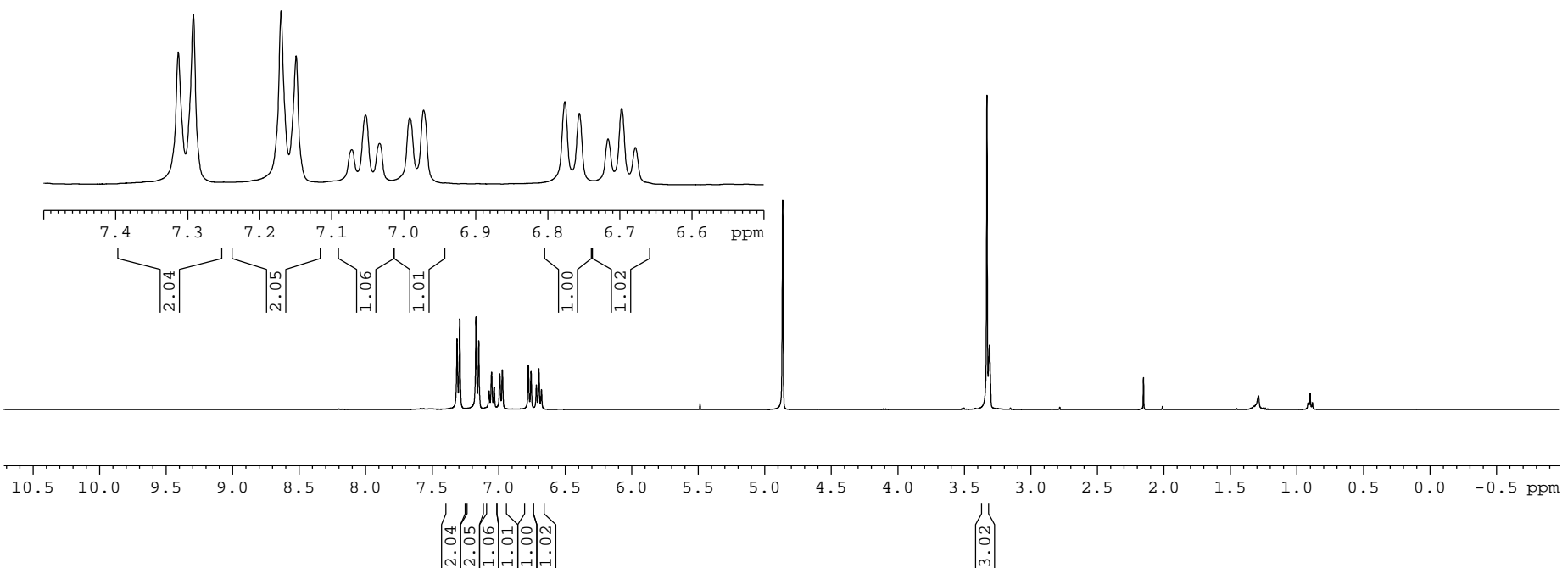
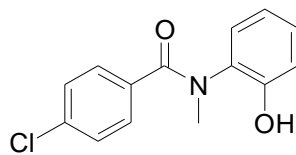












7.3127
7.2918

7.1700
7.1491

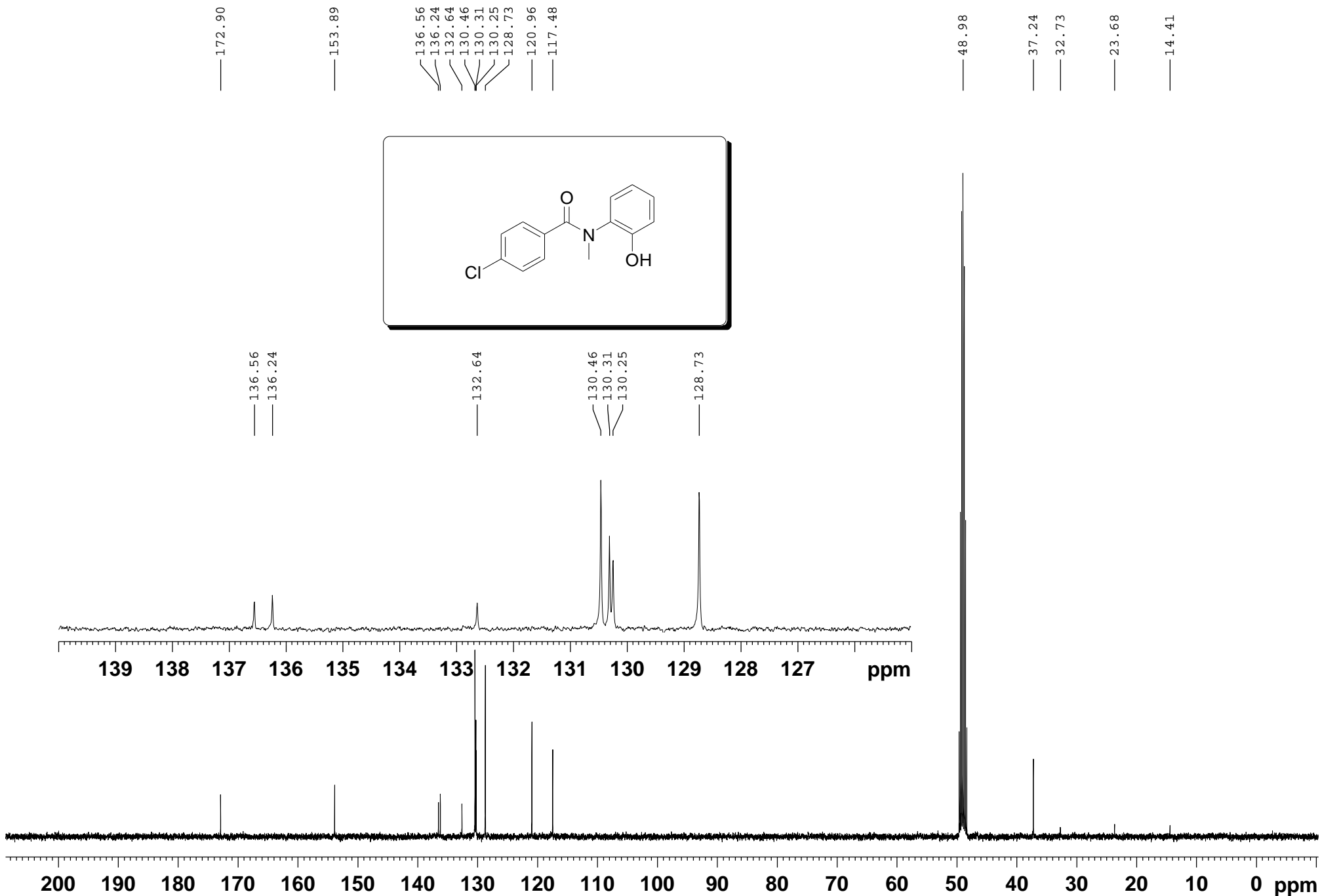
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7.0332
6.9913
6.9721

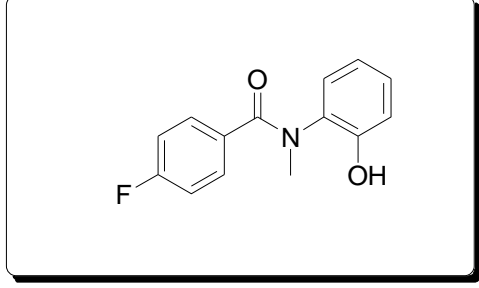
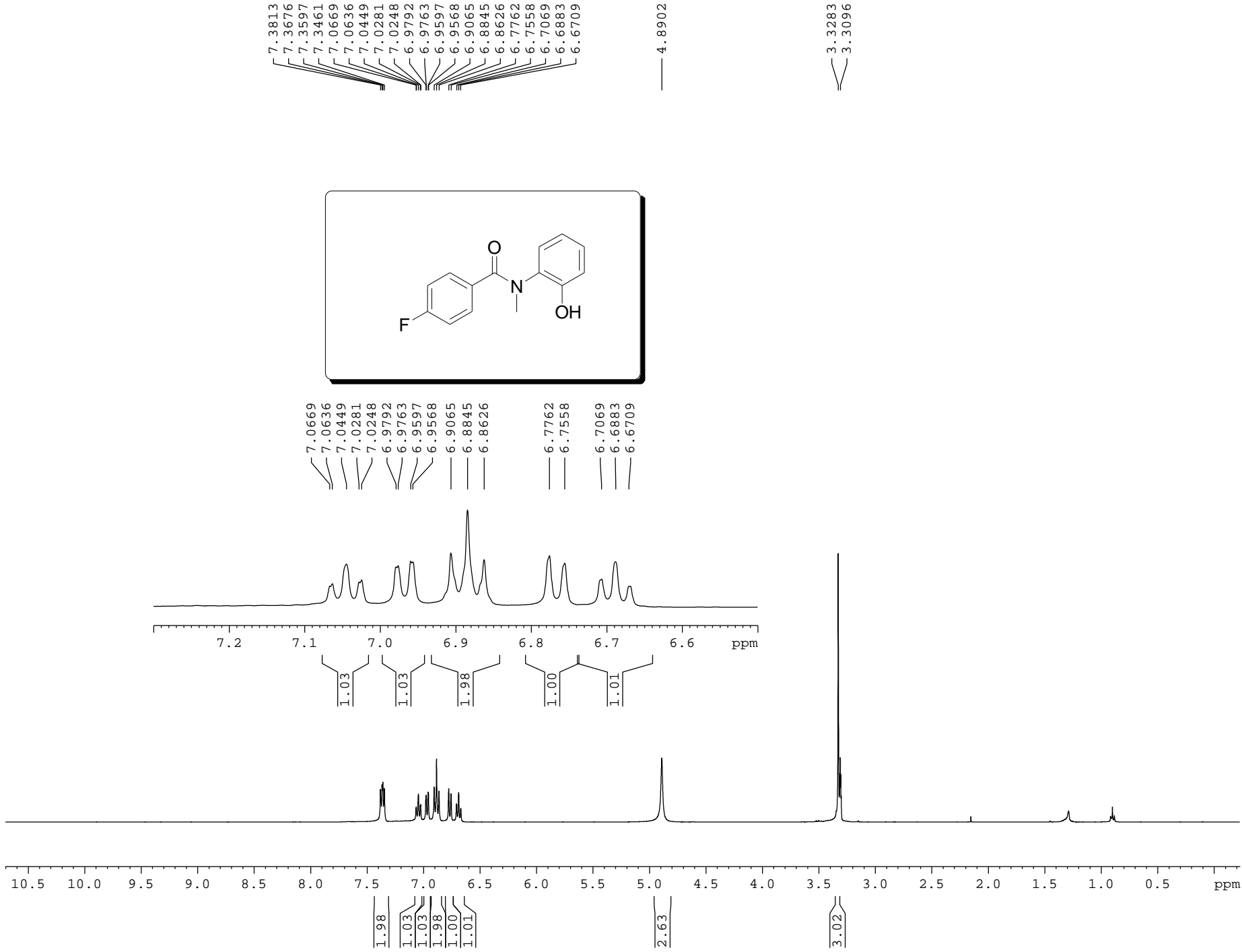
6.7761
6.7559
6.7161
6.6971
6.6782

7.3127
7.2918
7.1700
7.1491
7.0719
7.0526
7.0332
6.9913
6.9721
6.7761
6.7559
6.7161
6.6971
6.6782

4.8650

3.3296
3.3101

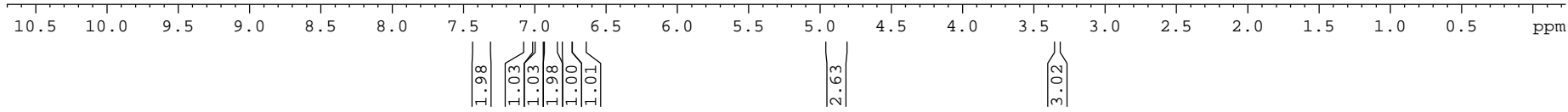
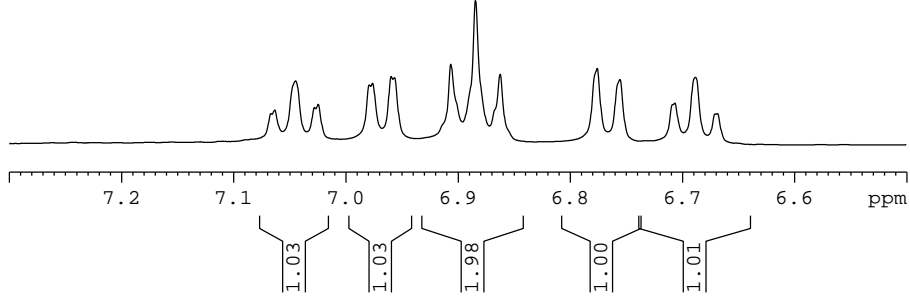


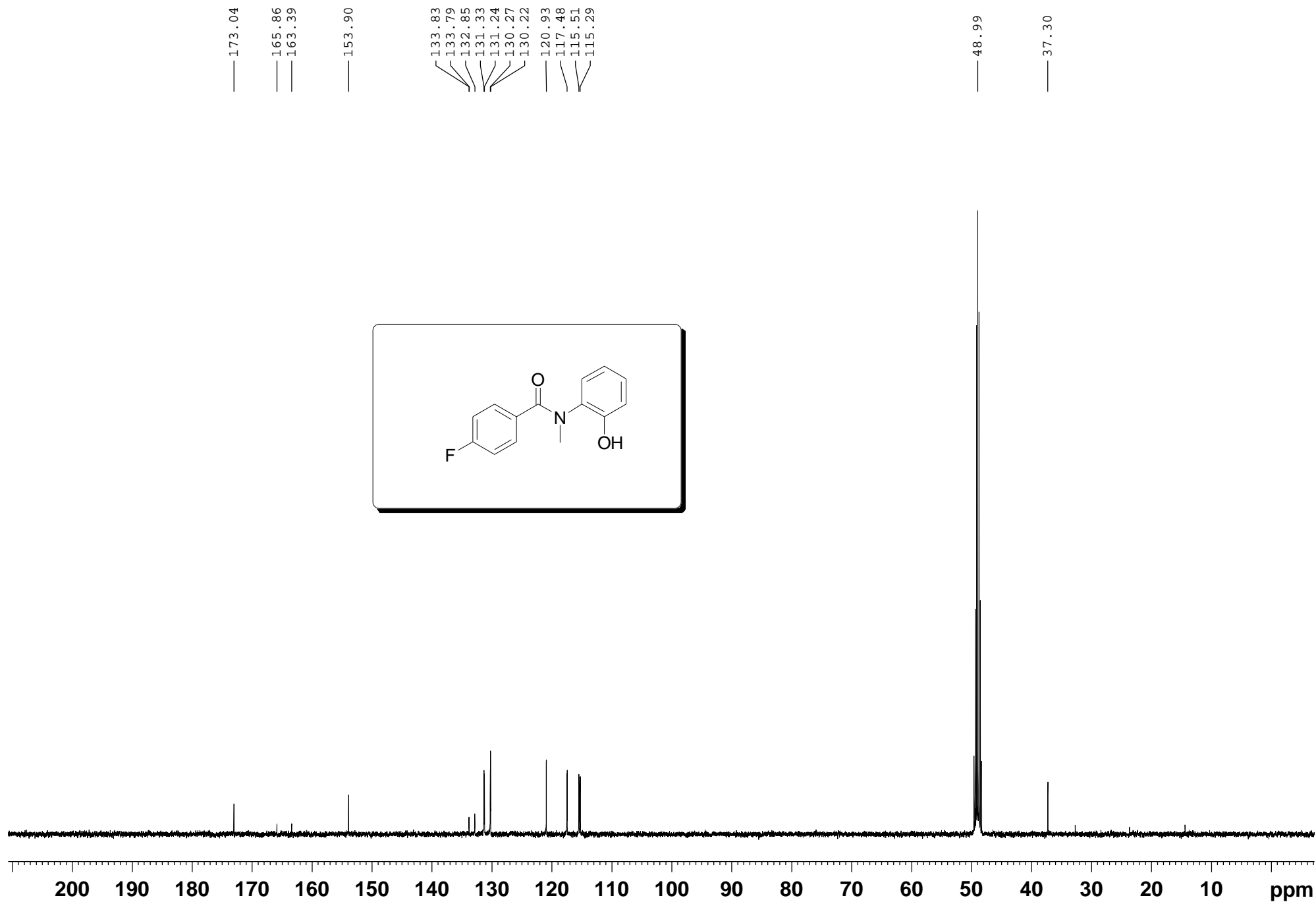


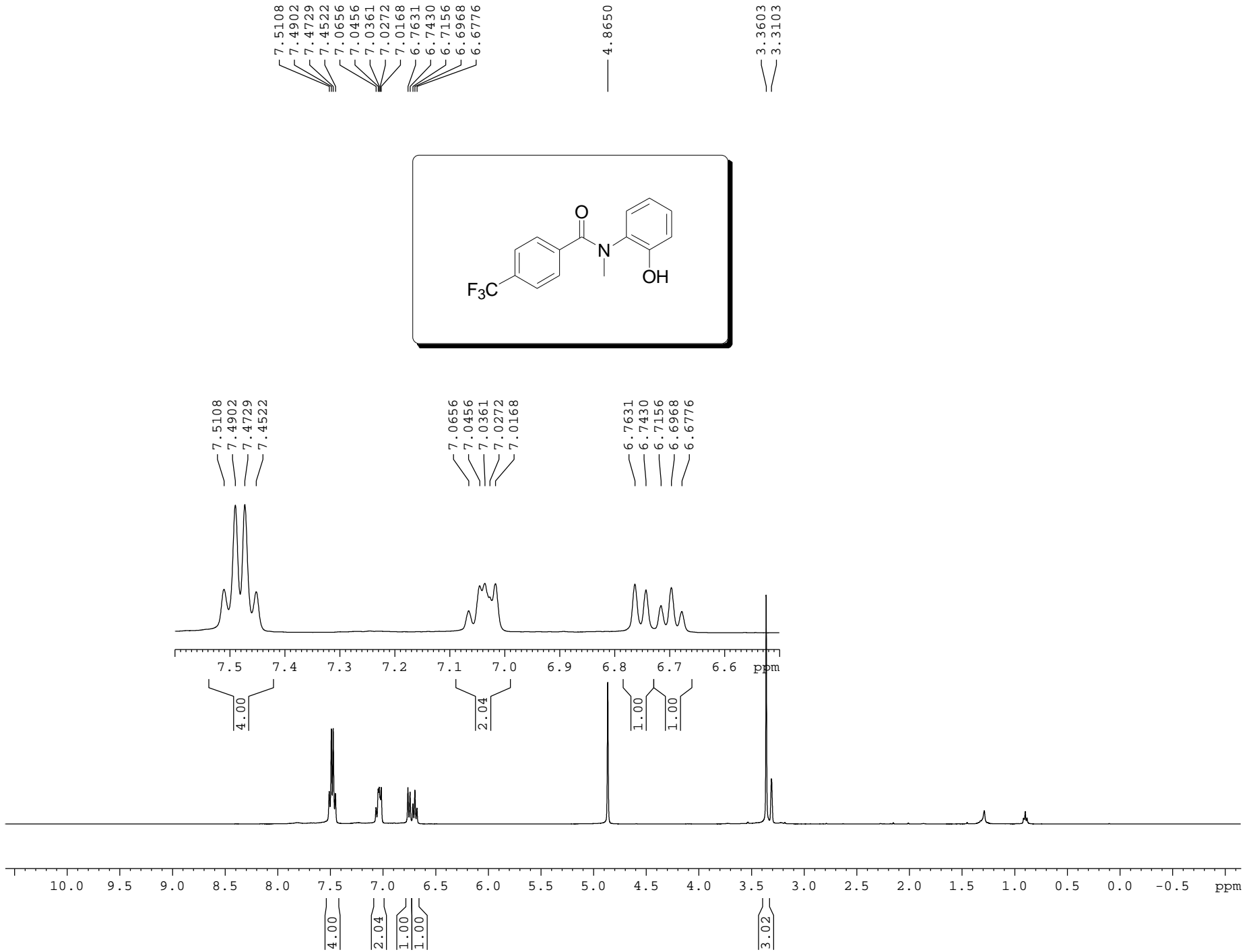
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7.0636
7.0449
7.0281
7.0248
6.9792
6.9763
6.9597
6.9568
6.9065
6.8845
6.8626

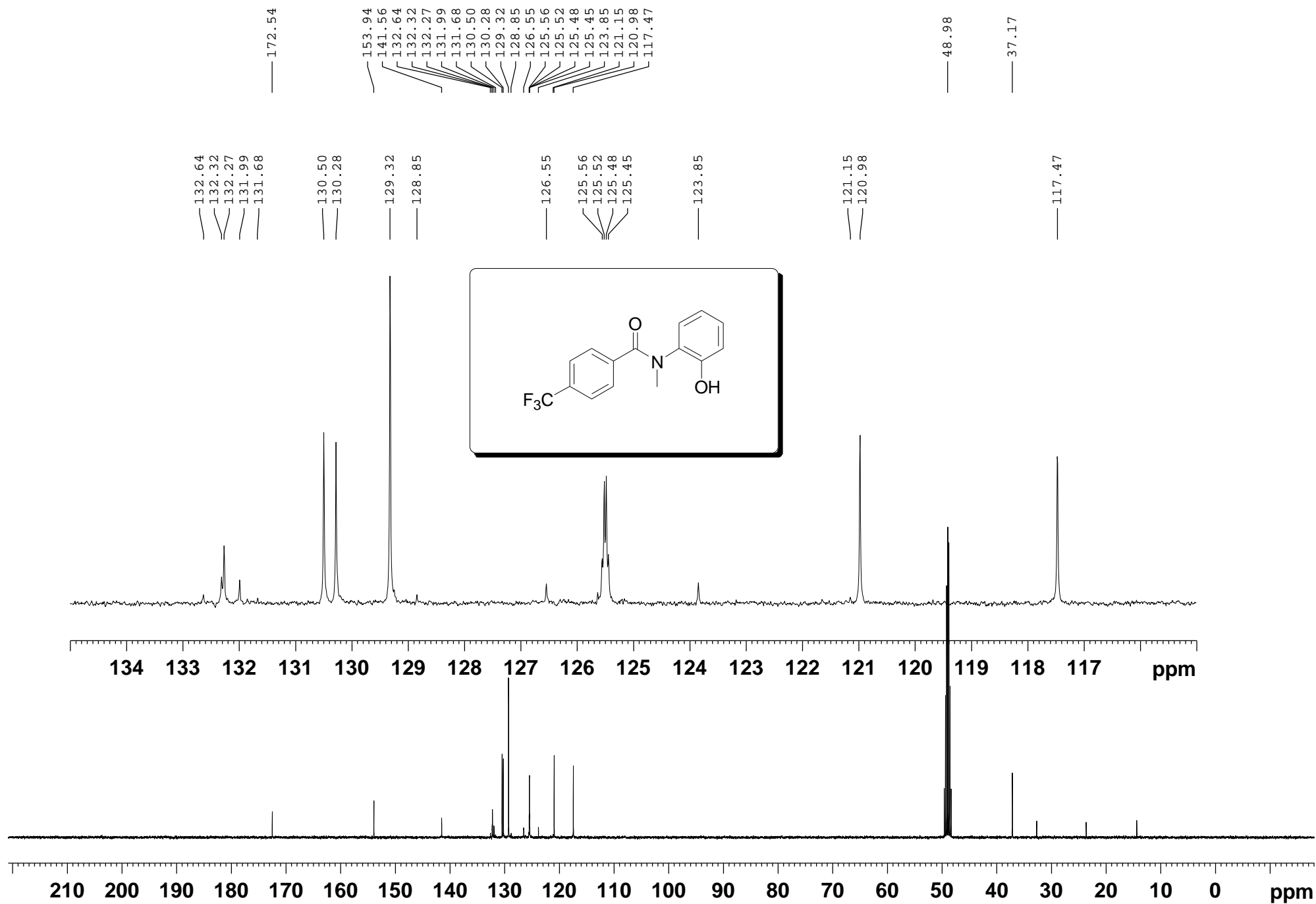
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6.7558

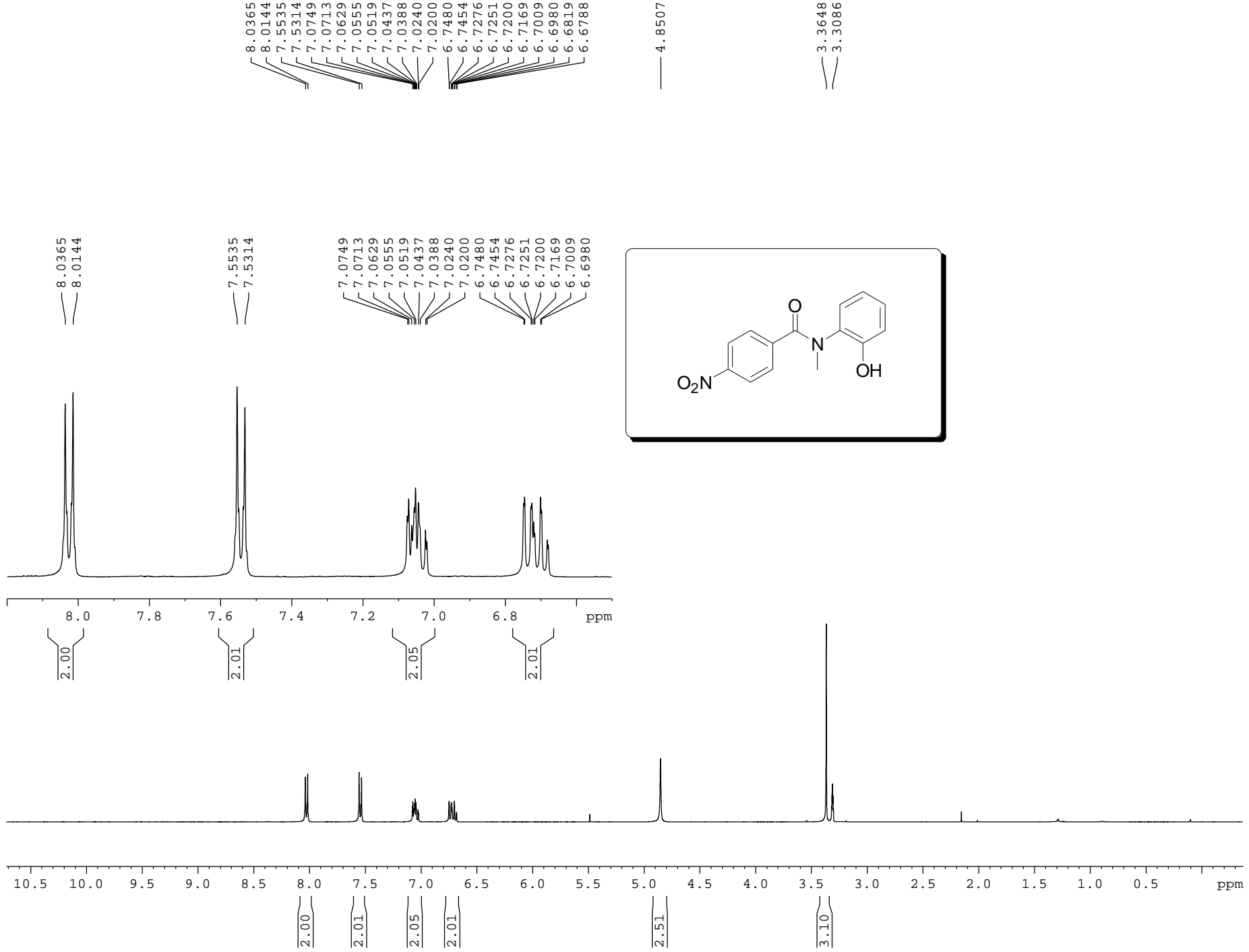
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6.6883
6.6709

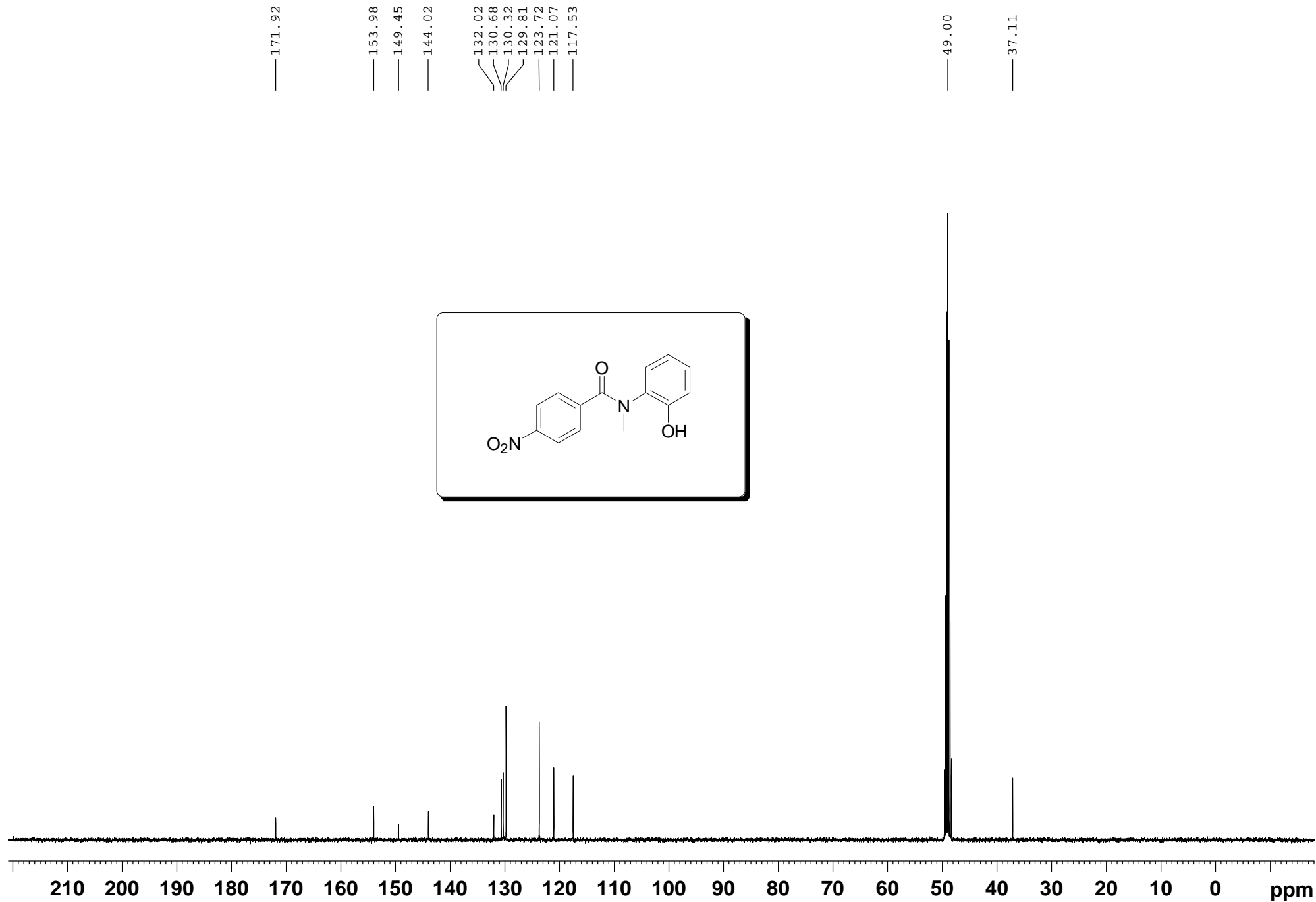


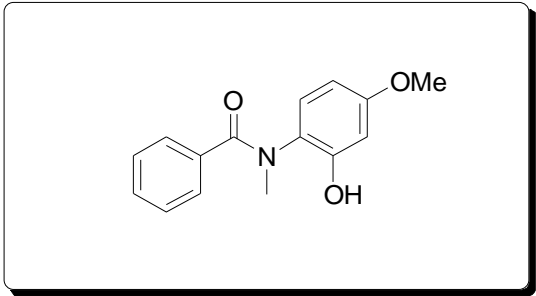
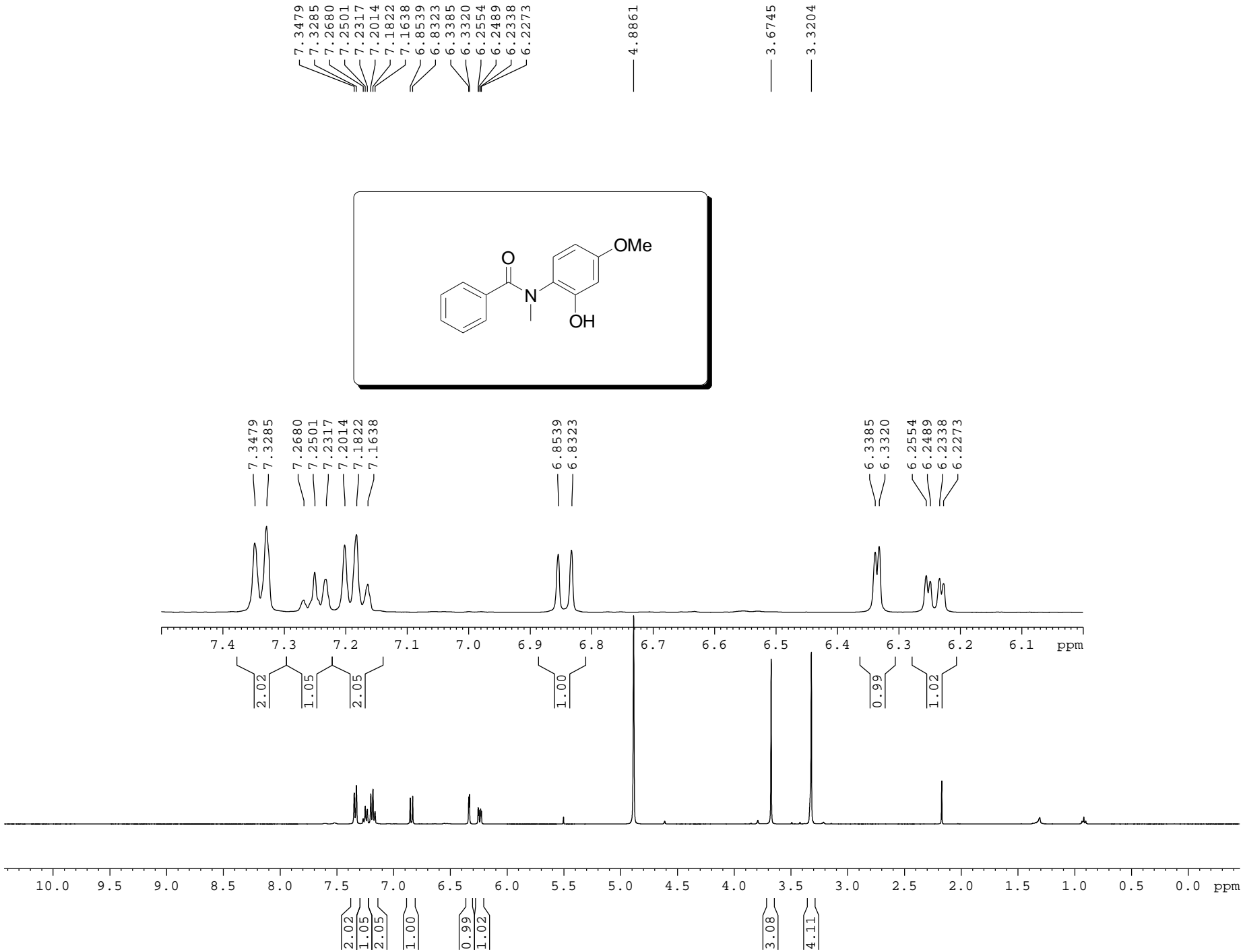












7.3479
7.3285
7.2680
7.2501
7.2317
7.2014
7.1822
7.1638
6.8539
6.8323
6.3385
6.3320
6.2554
6.2489
6.2338
6.2273

4.8861

3.6745

3.3204

7.3479
7.3285
7.2680
7.2501
7.2317
7.2014
7.1822
7.1638

6.8539
6.8323

6.3385
6.3320
6.2554
6.2489
6.2338
6.2273

2.02
1.05
2.05

1.00

0.99
1.02

2.02
1.05
2.05
1.00
0.99
1.02

3.08
4.11

— 174.39

— 161.63

— 154.79

— 137.74

— 130.82

— 130.55

— 128.67

— 128.60

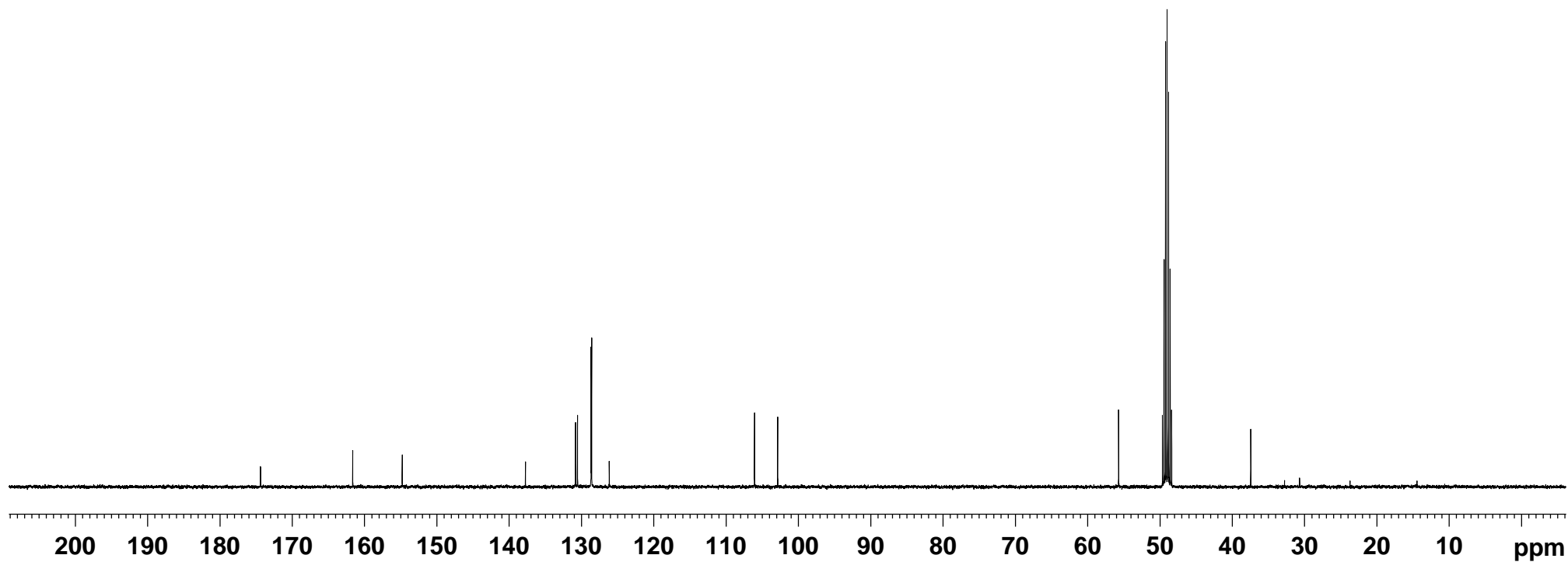
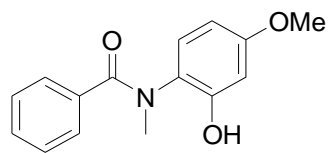
— 126.16

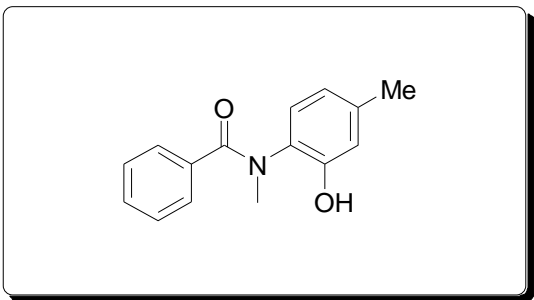
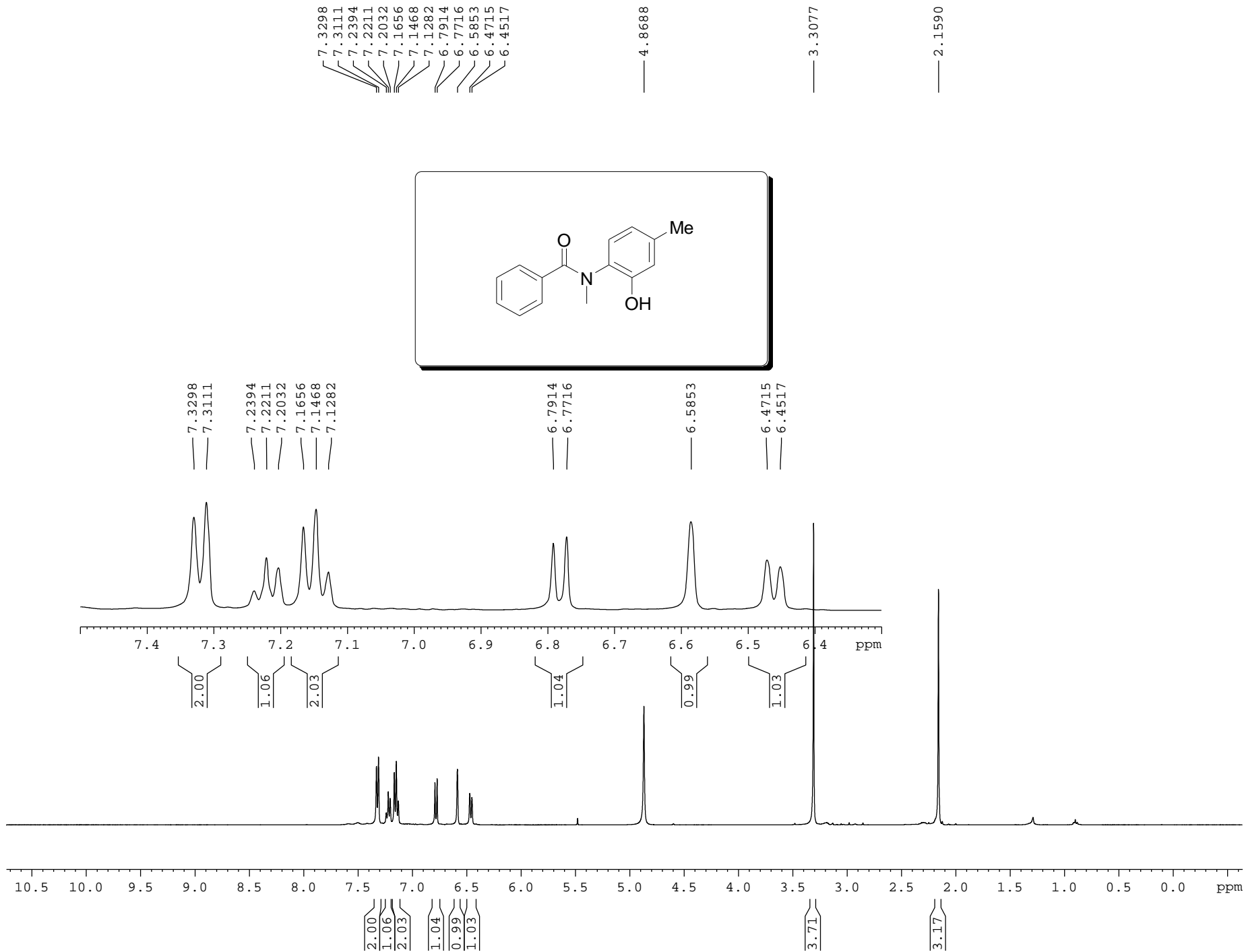
— 106.07

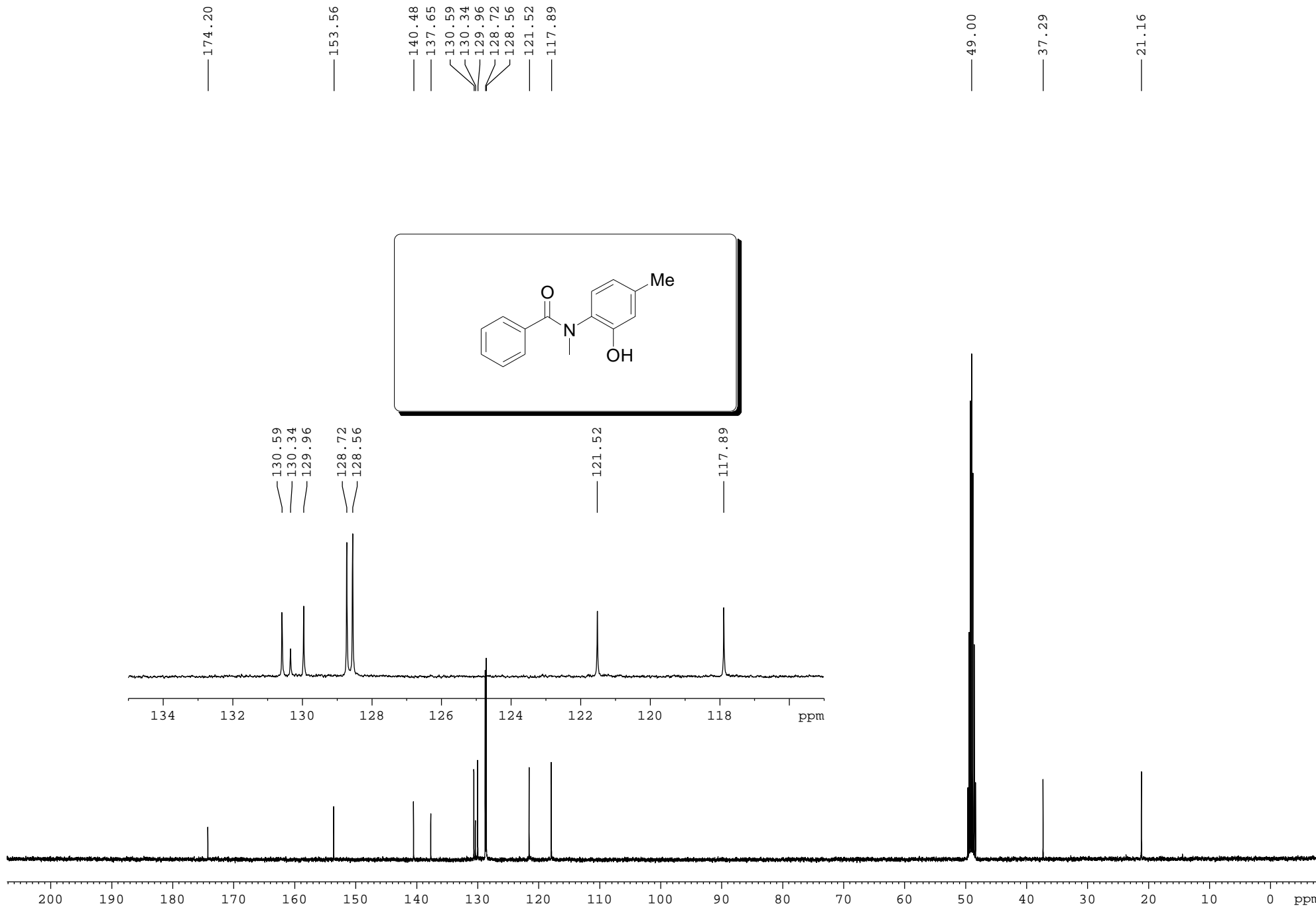
— 102.86

— 55.71

— 37.44





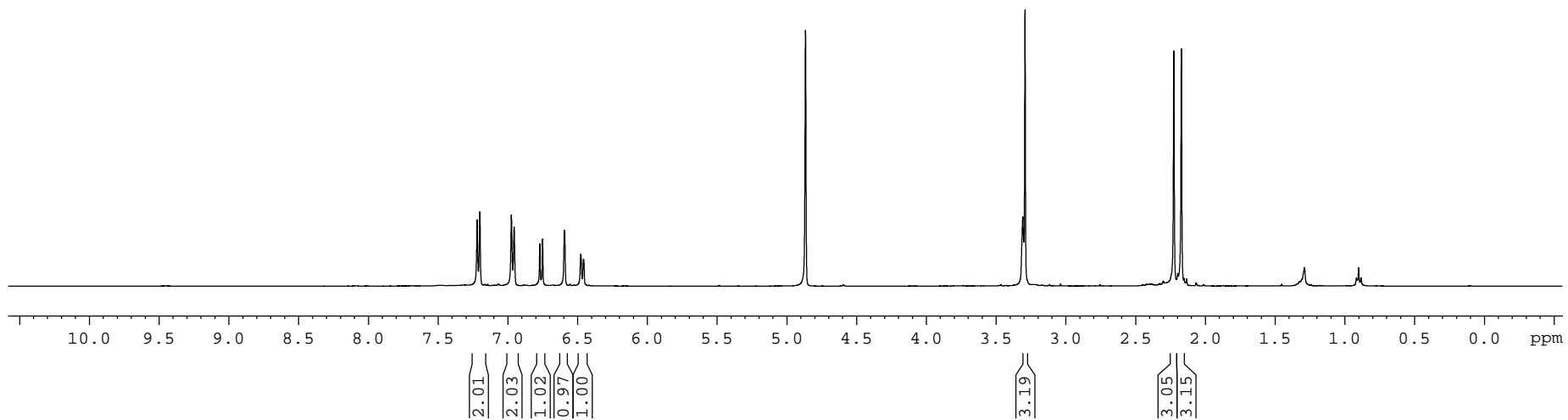
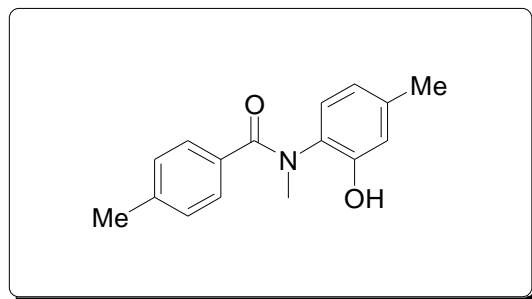


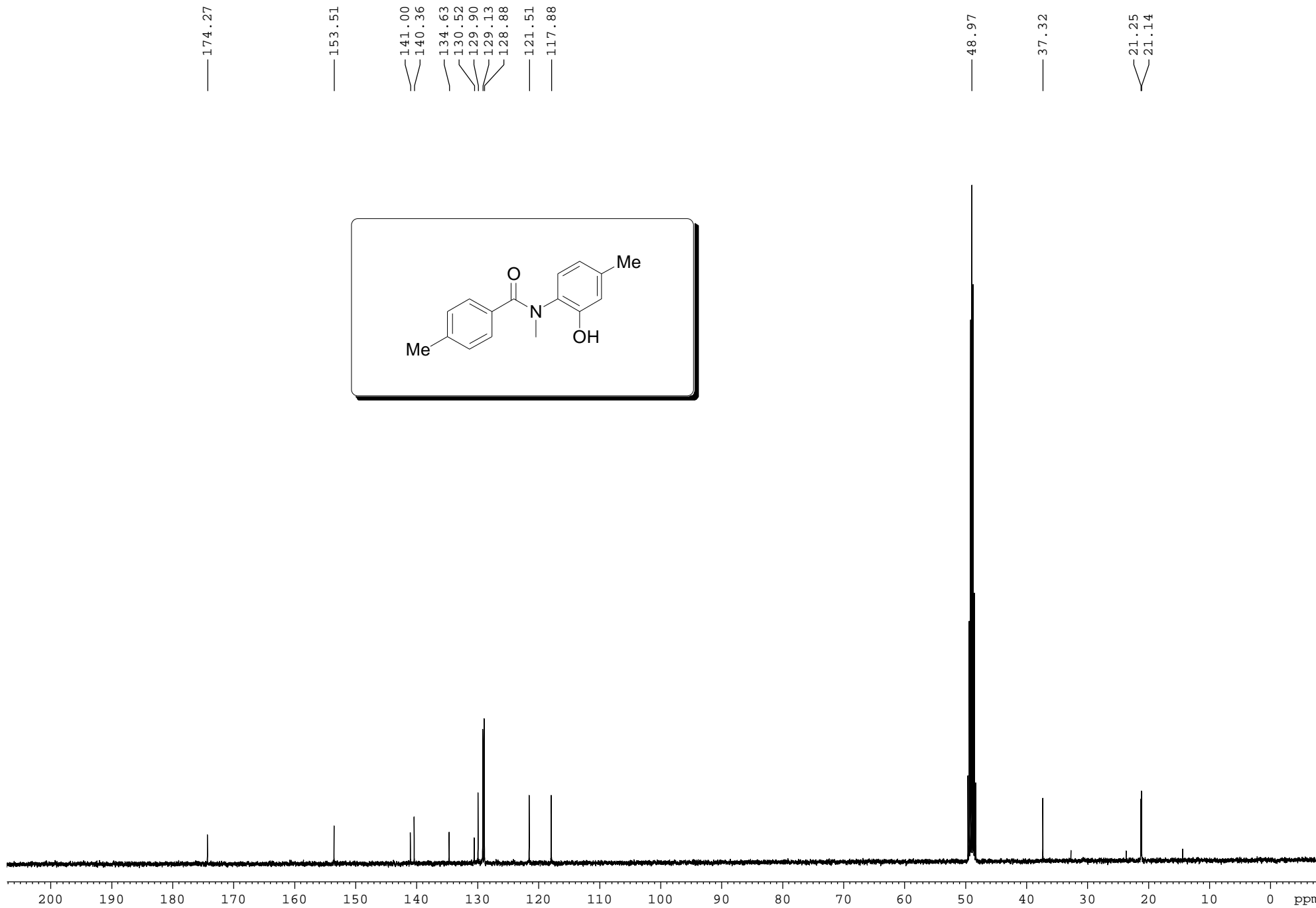
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7.2001
6.9741
6.9543
6.7703
6.7505
6.5936
6.4767
6.4569

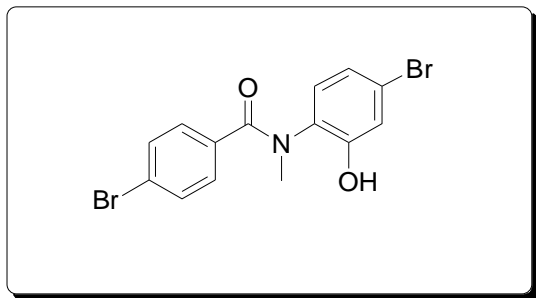
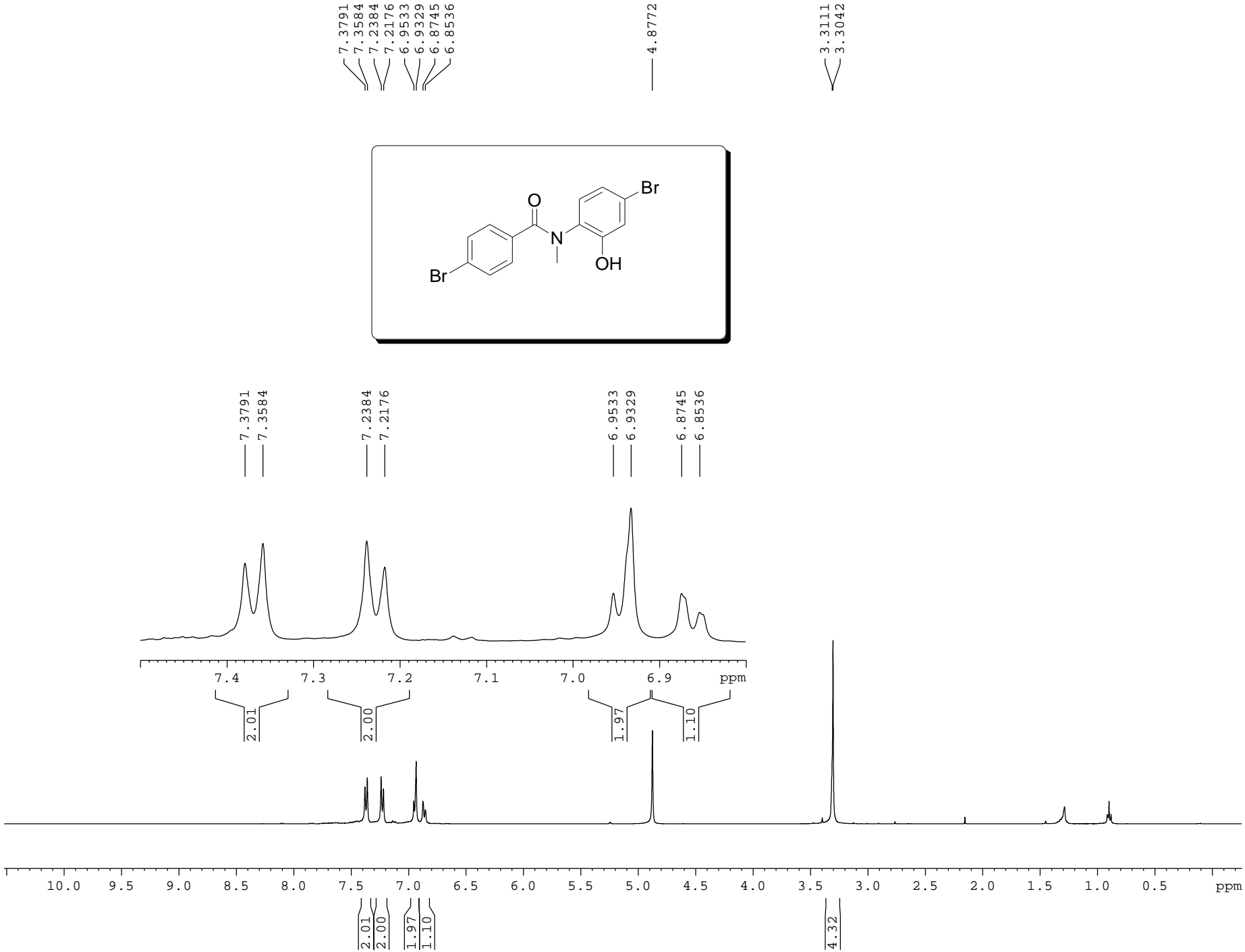
4.8659

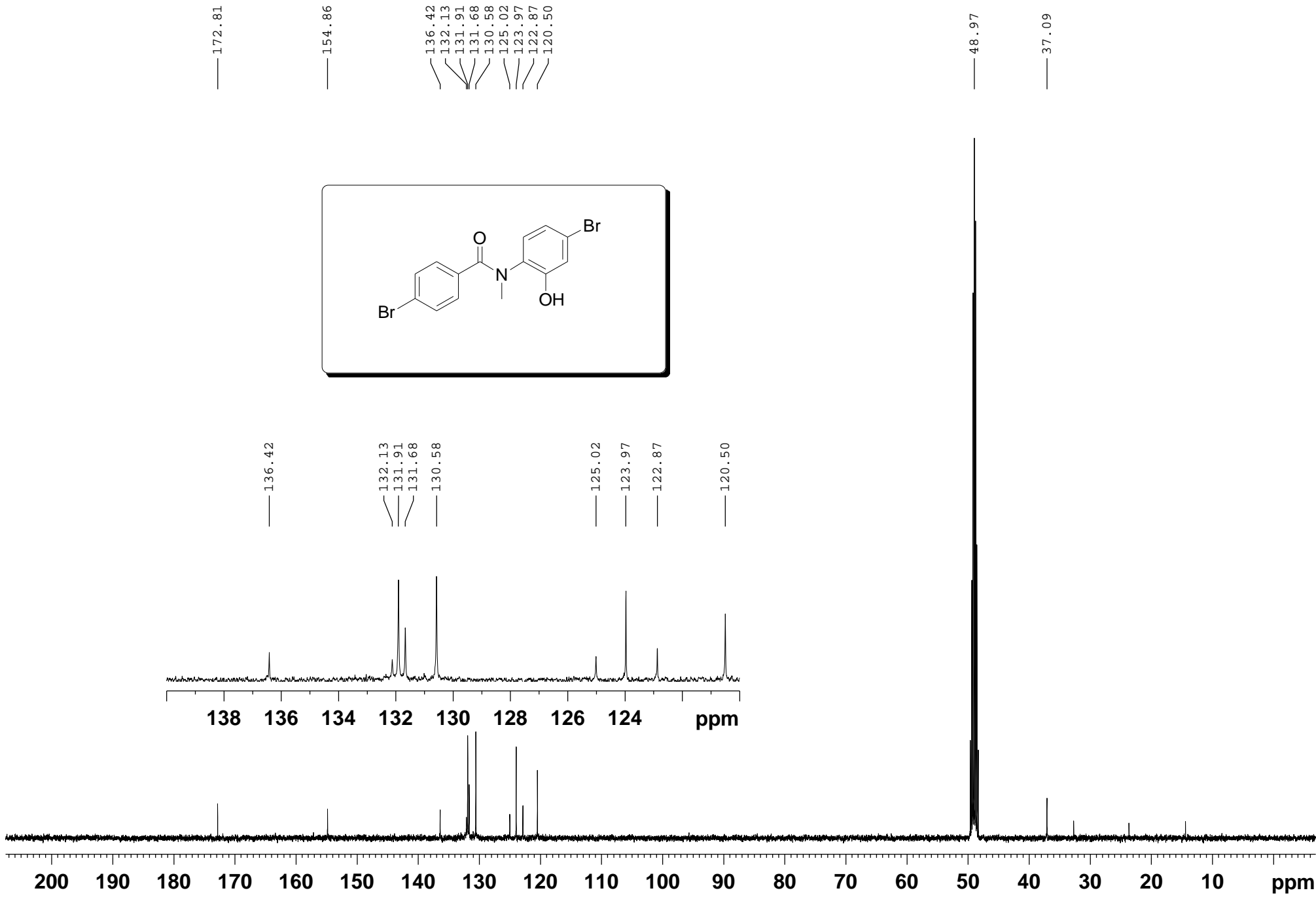
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3.2920

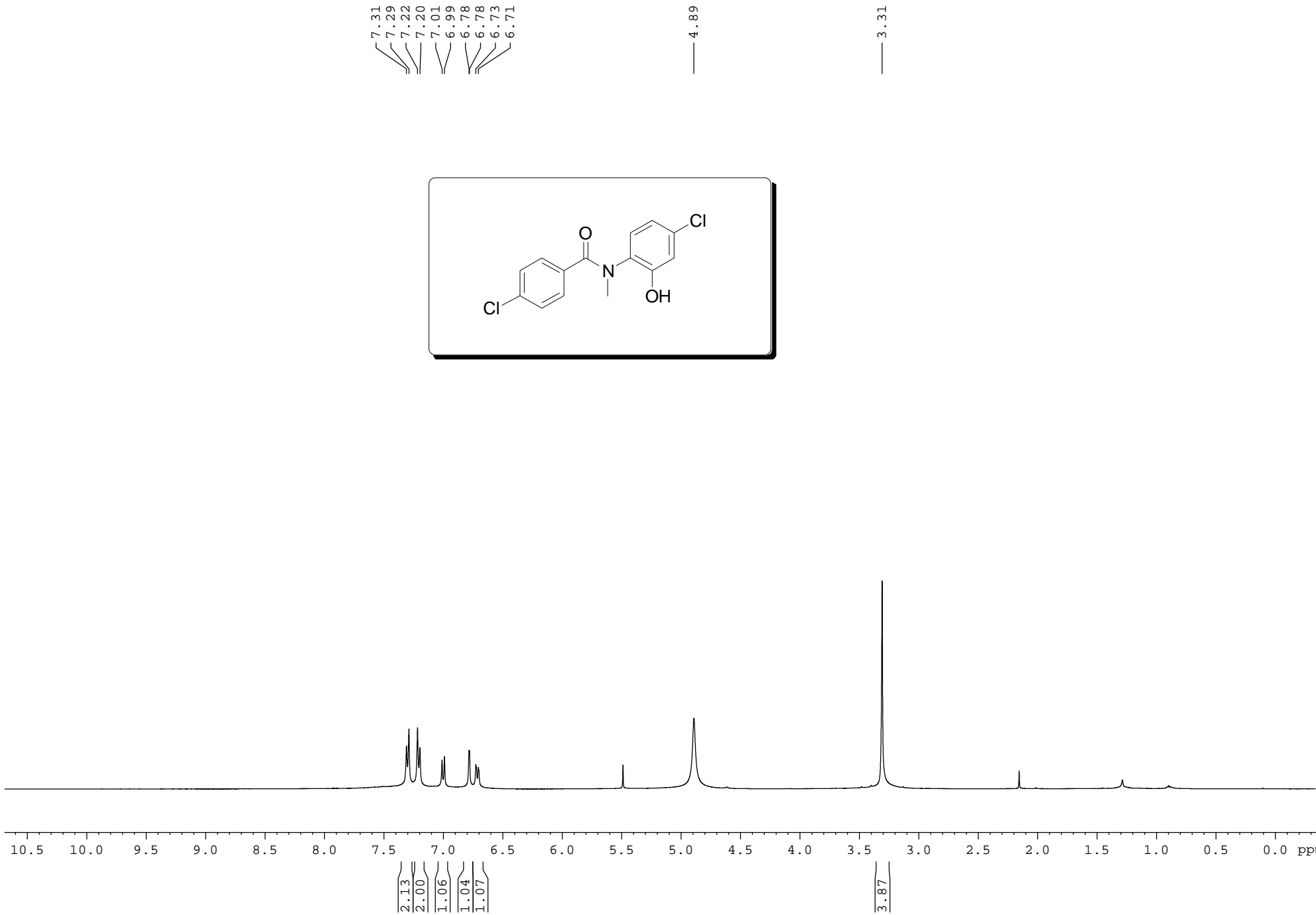
2.2253
2.1714

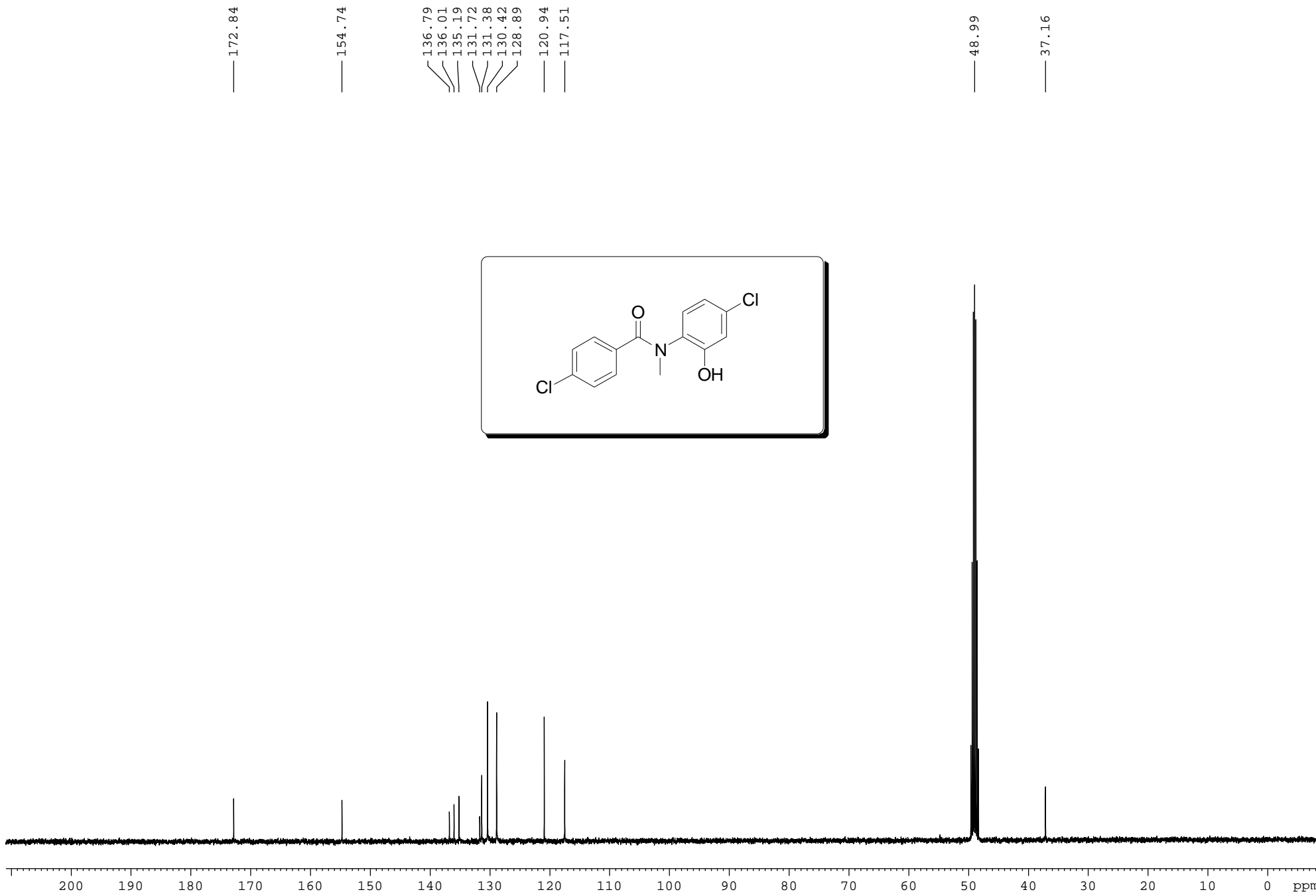


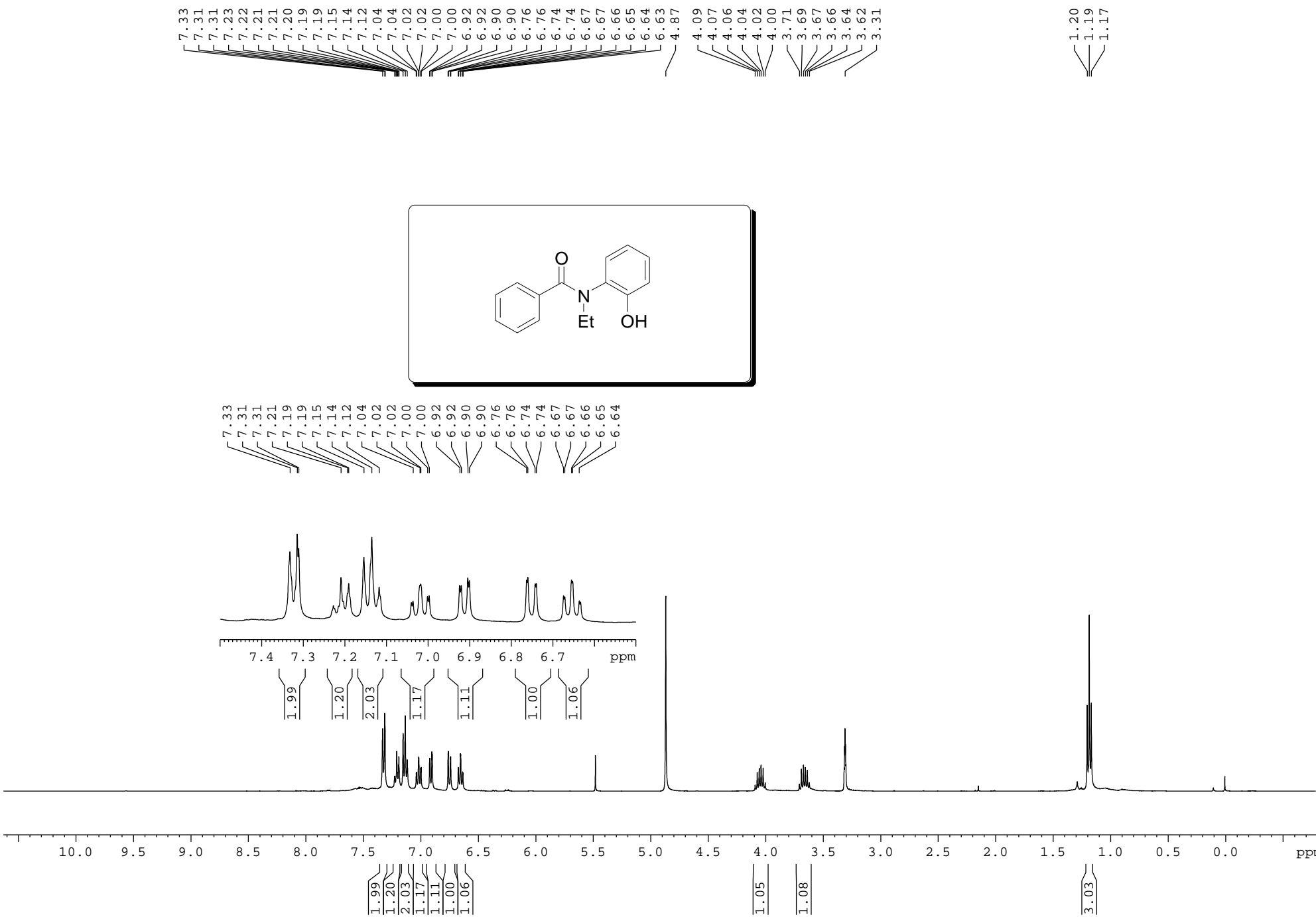


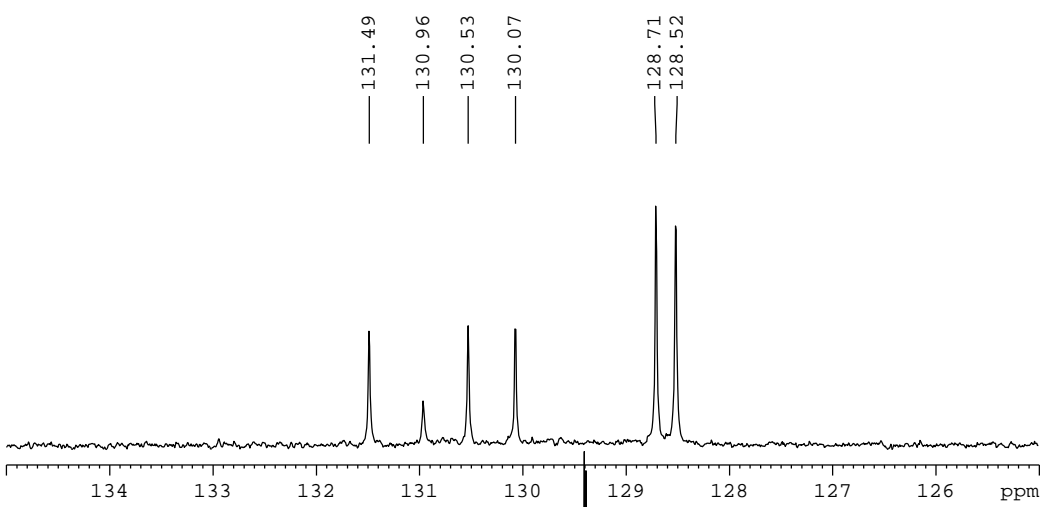
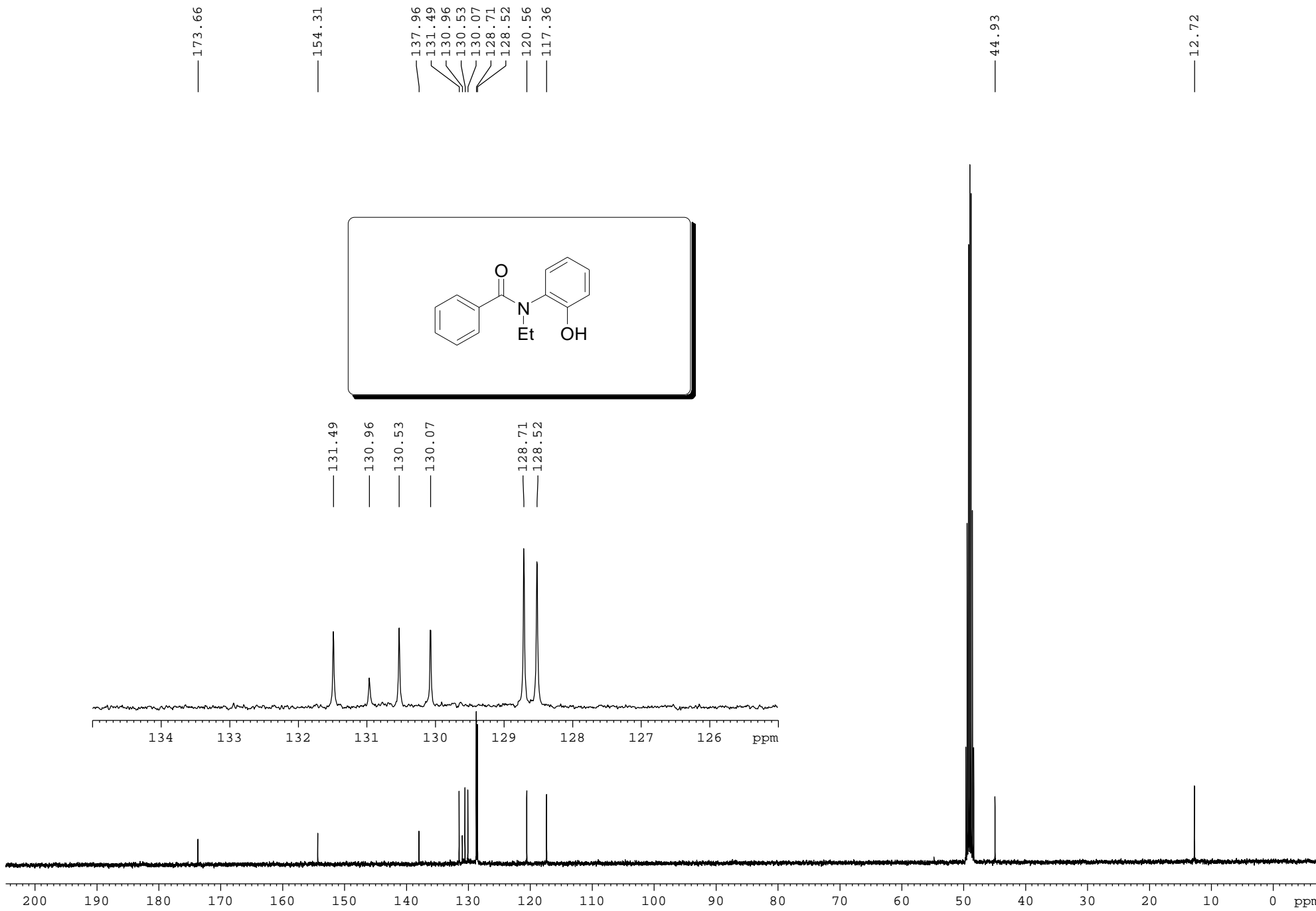


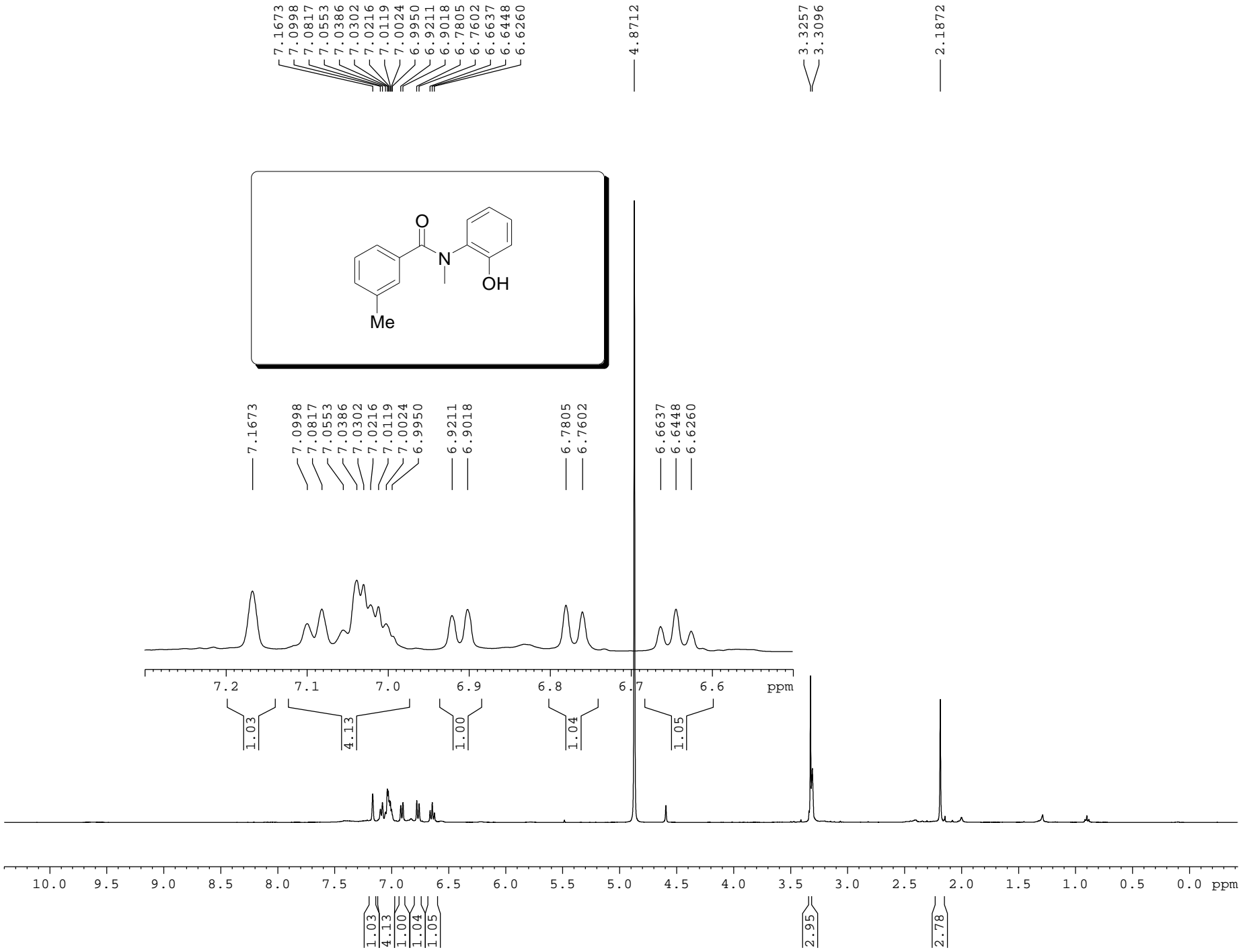


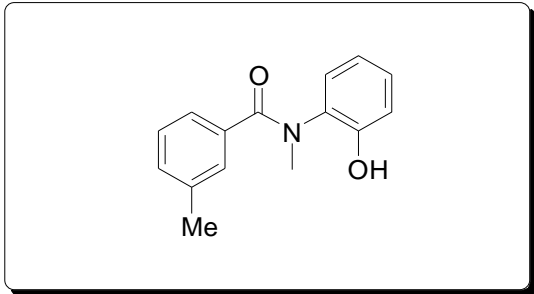
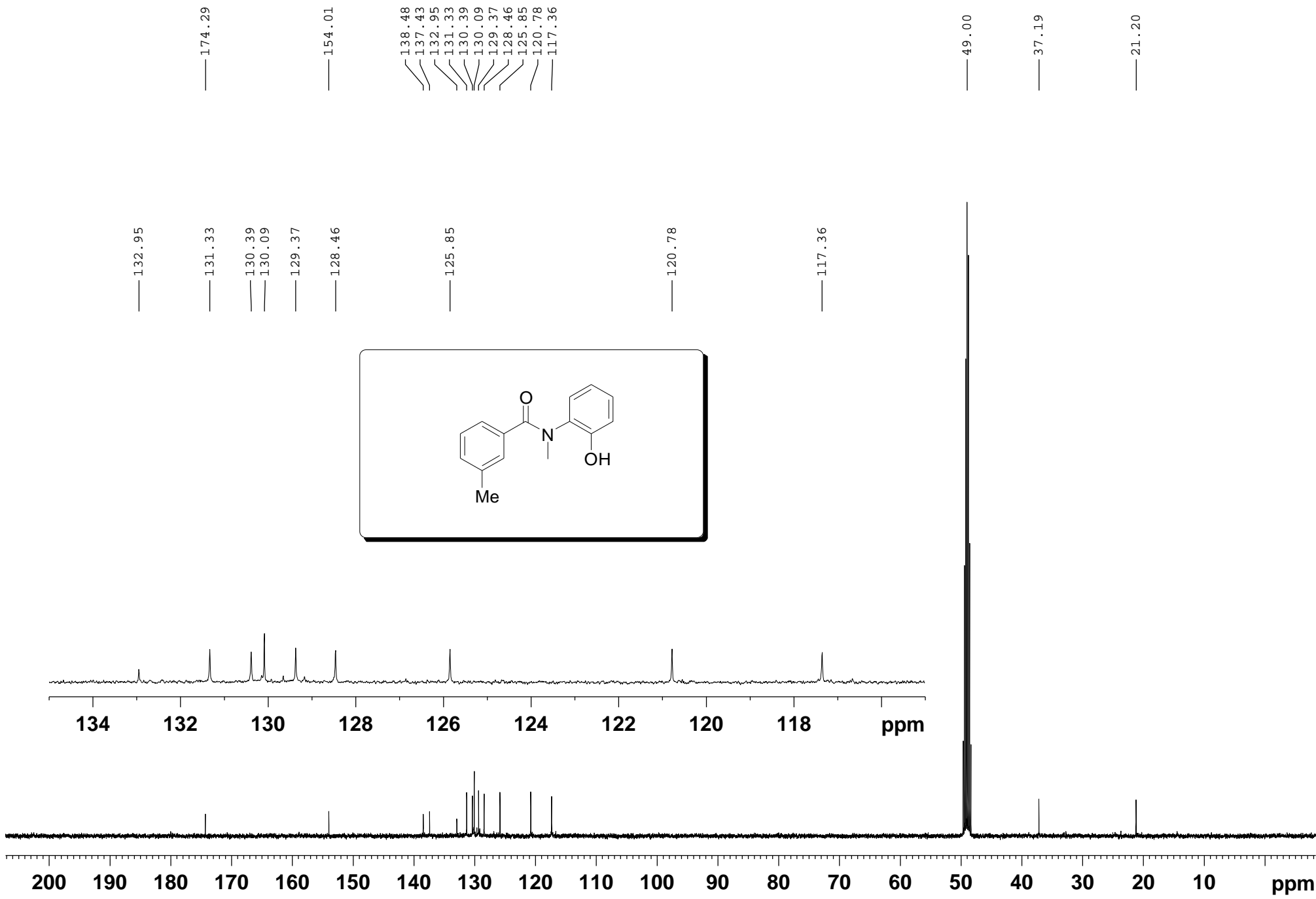


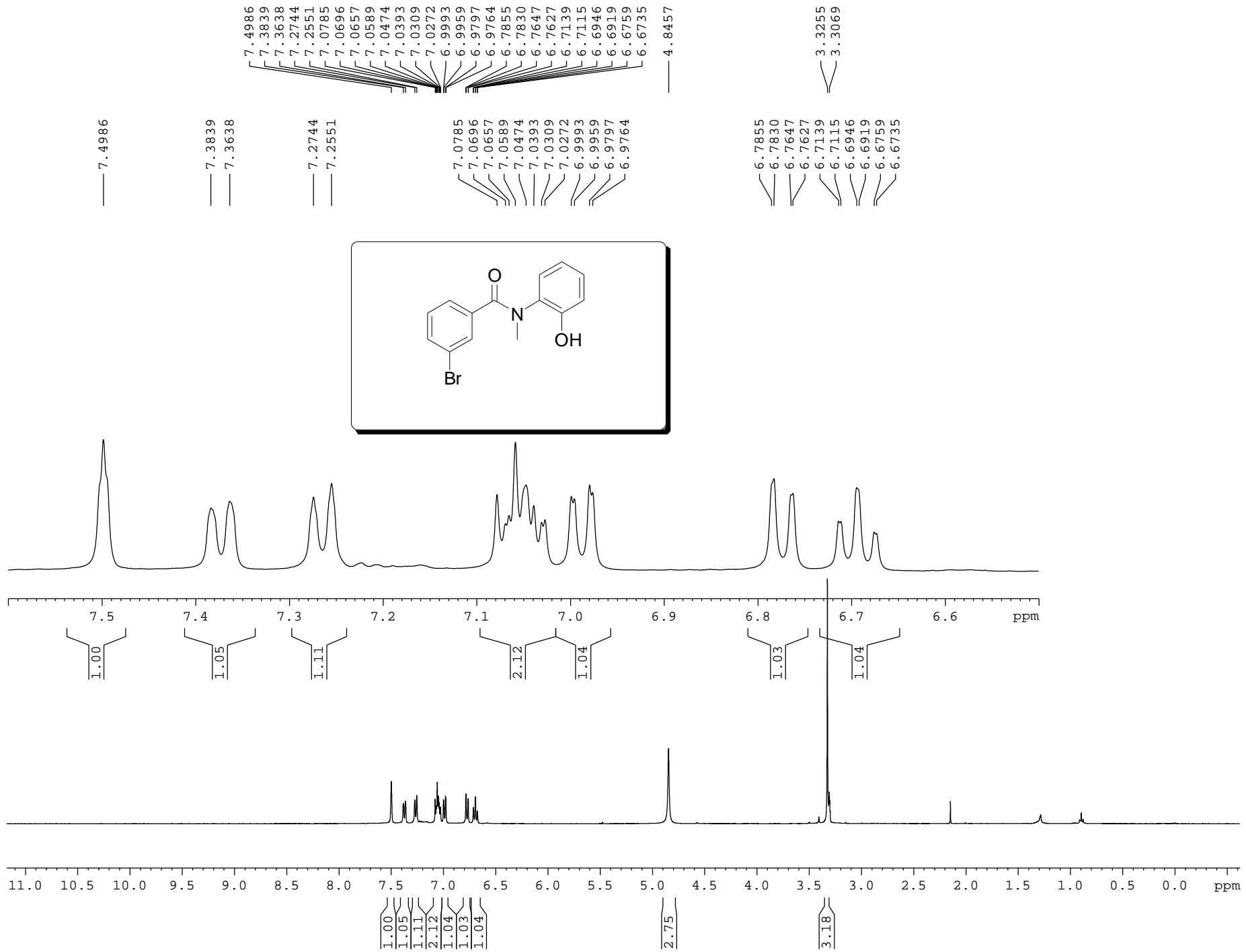


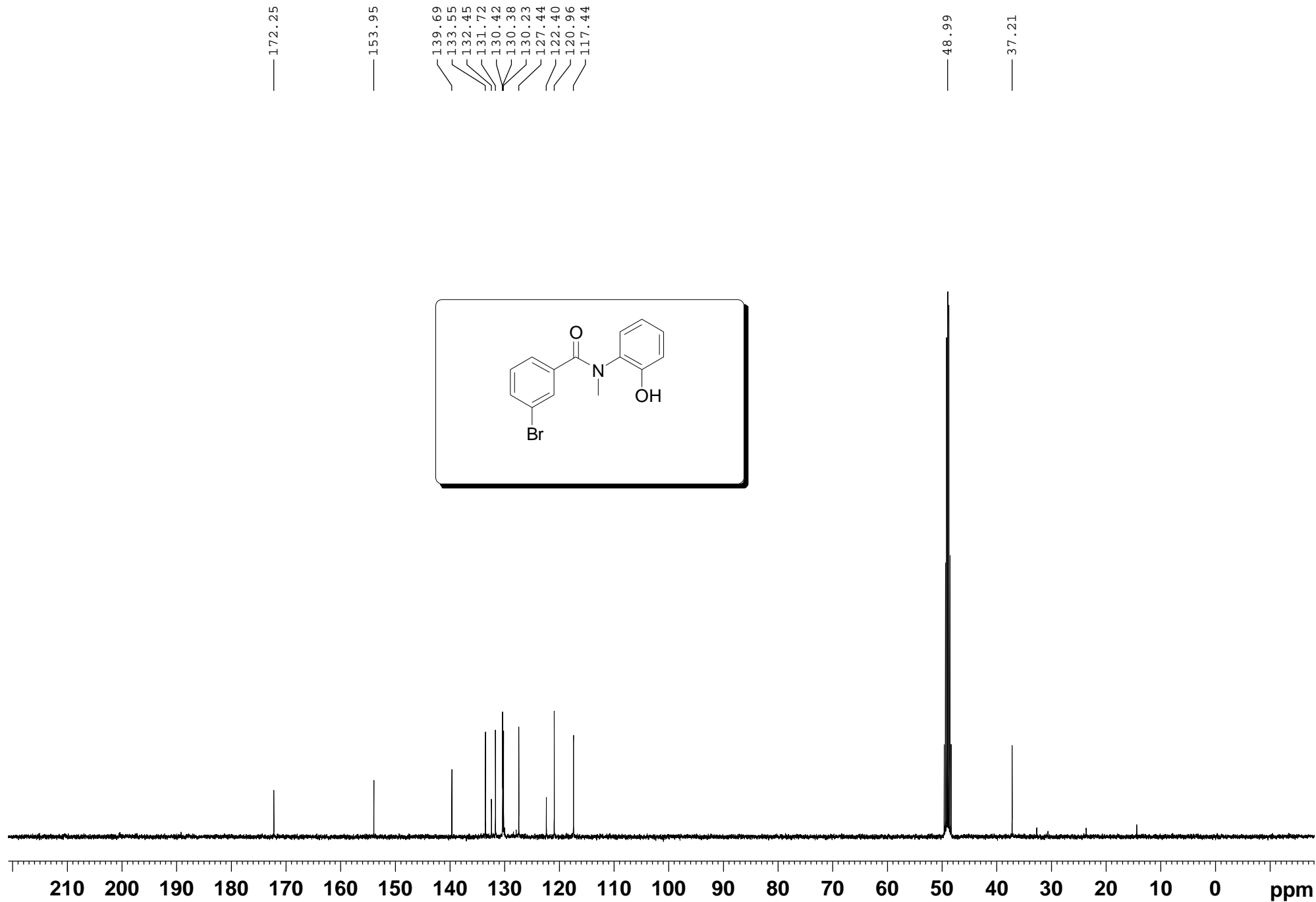


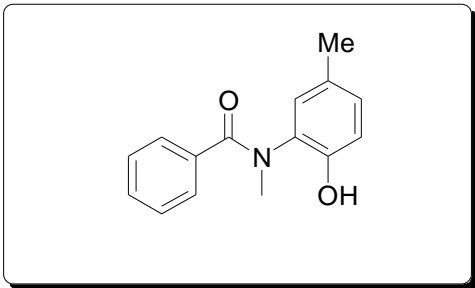
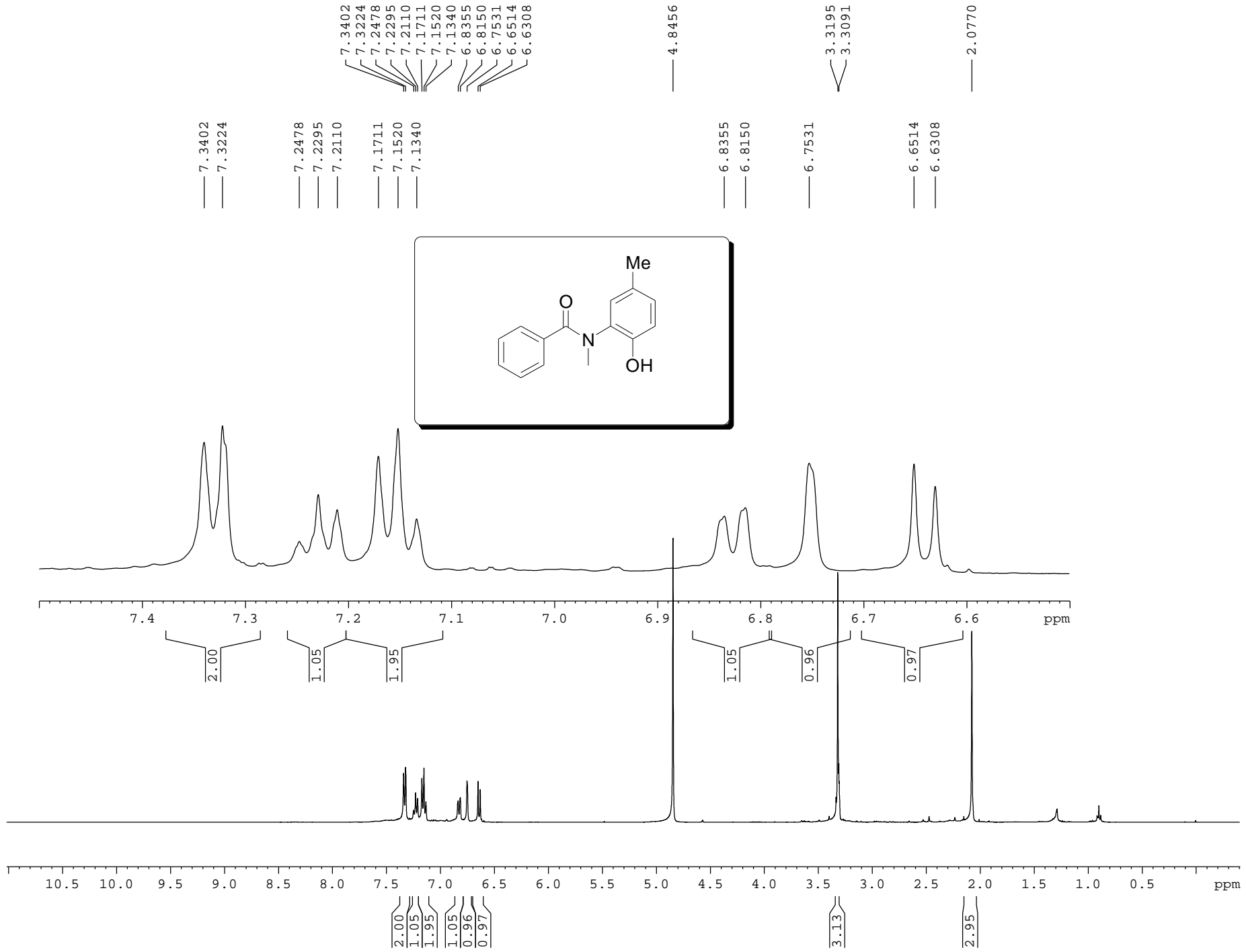


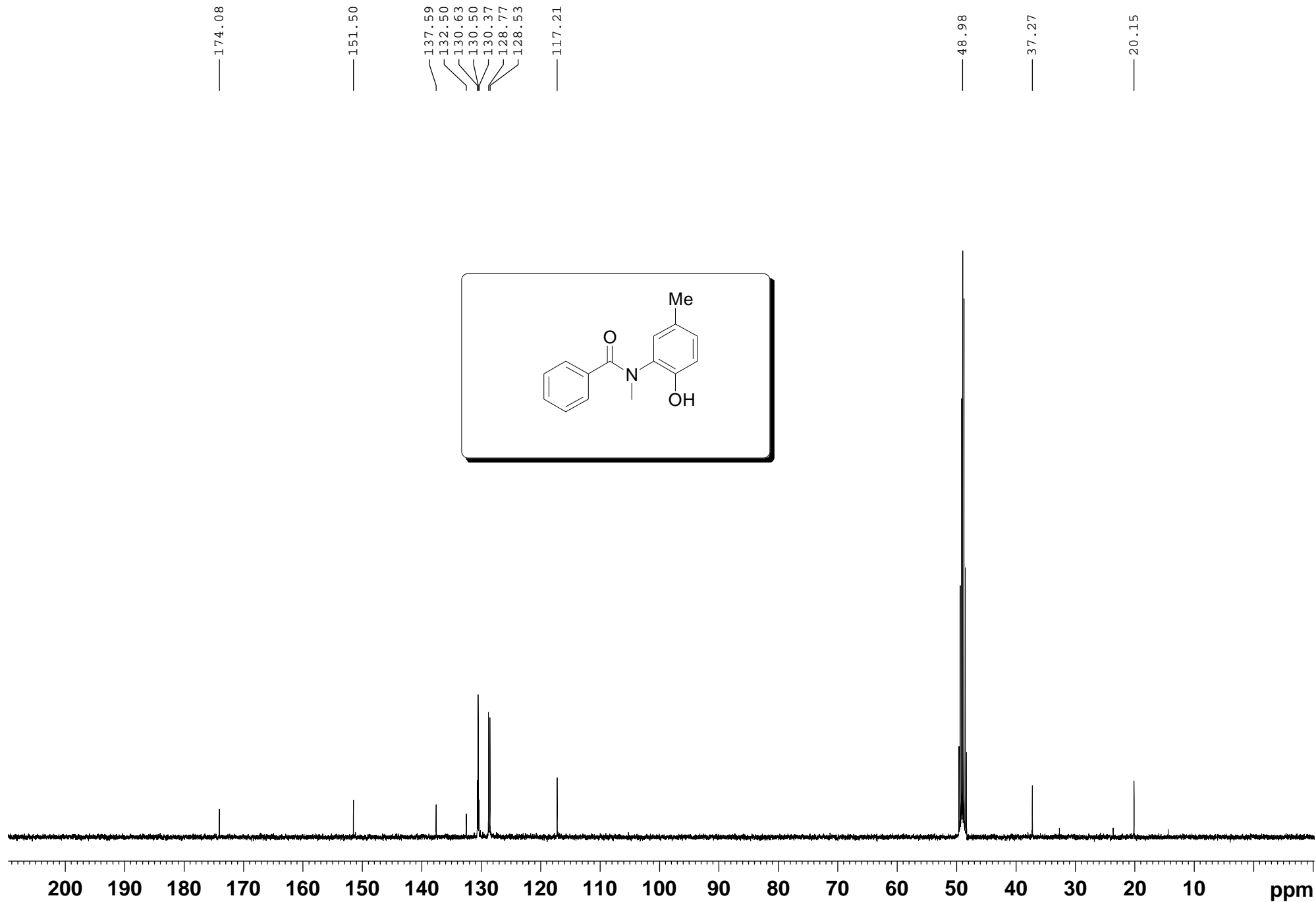


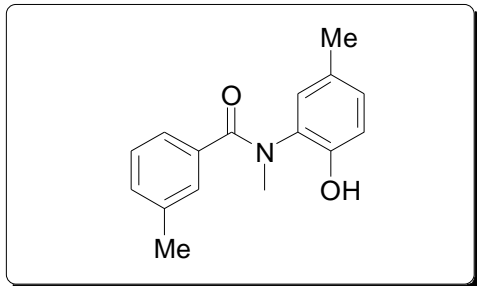
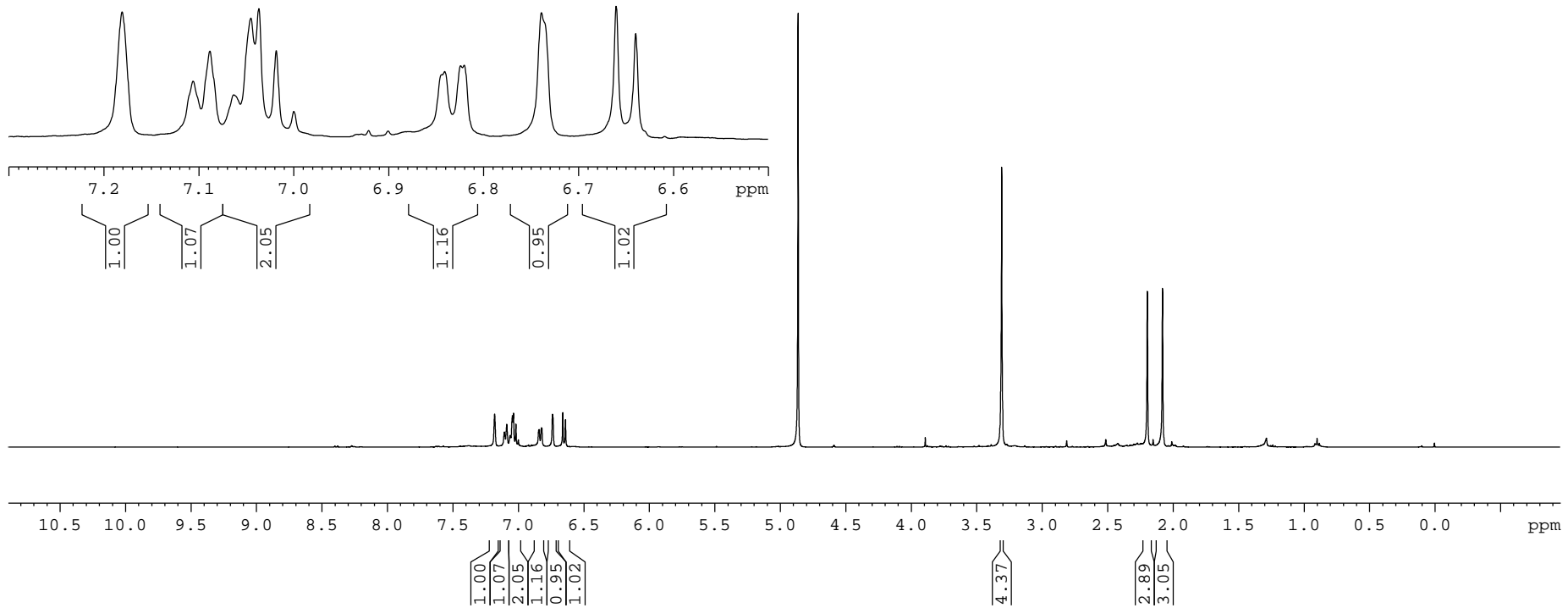






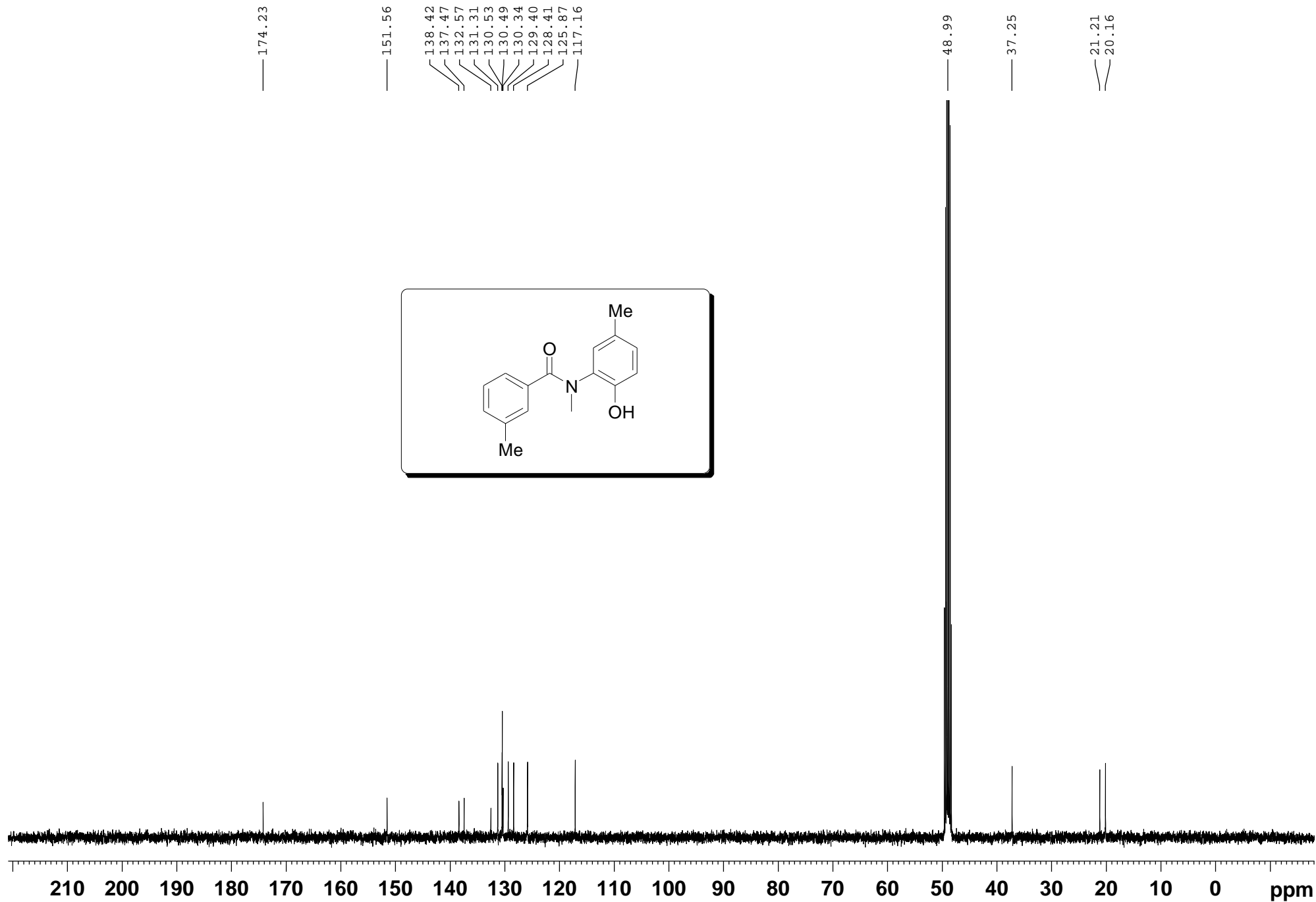






7.1808
 7.1060
 7.0884
 7.0633
 7.0453
 7.0368
 7.0185
 6.9999
 6.8442
 6.8410
 6.8242
 6.8204
 6.7391
 6.7347
 6.6603
 6.6397
 3.3088
 2.1965
 2.0806

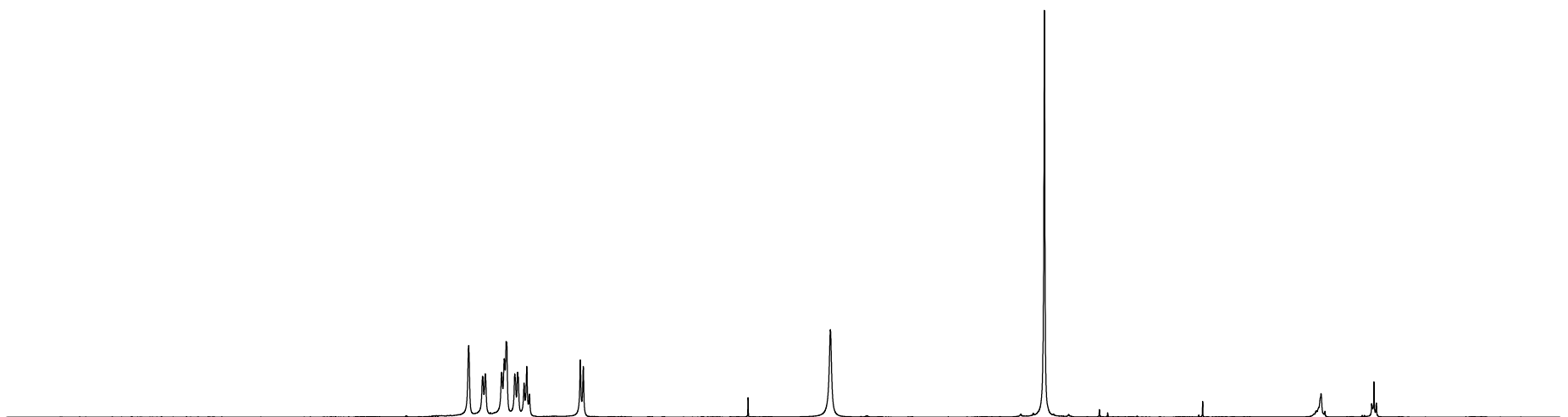
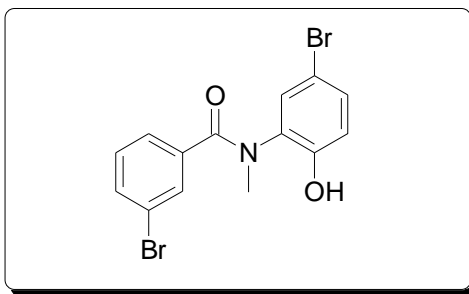
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 7.0884
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 7.0185
 6.9999
 6.8442
 6.8410
 6.8242
 6.8204
 6.7391
 6.7347
 6.6603
 6.6397



7.5233
7.4211
7.4014
7.2818
7.2623
7.2488
7.2446
7.1863
7.1817
7.1647
7.1597
7.1176
7.0980
7.0785
6.7056
6.6839

— 4.8740

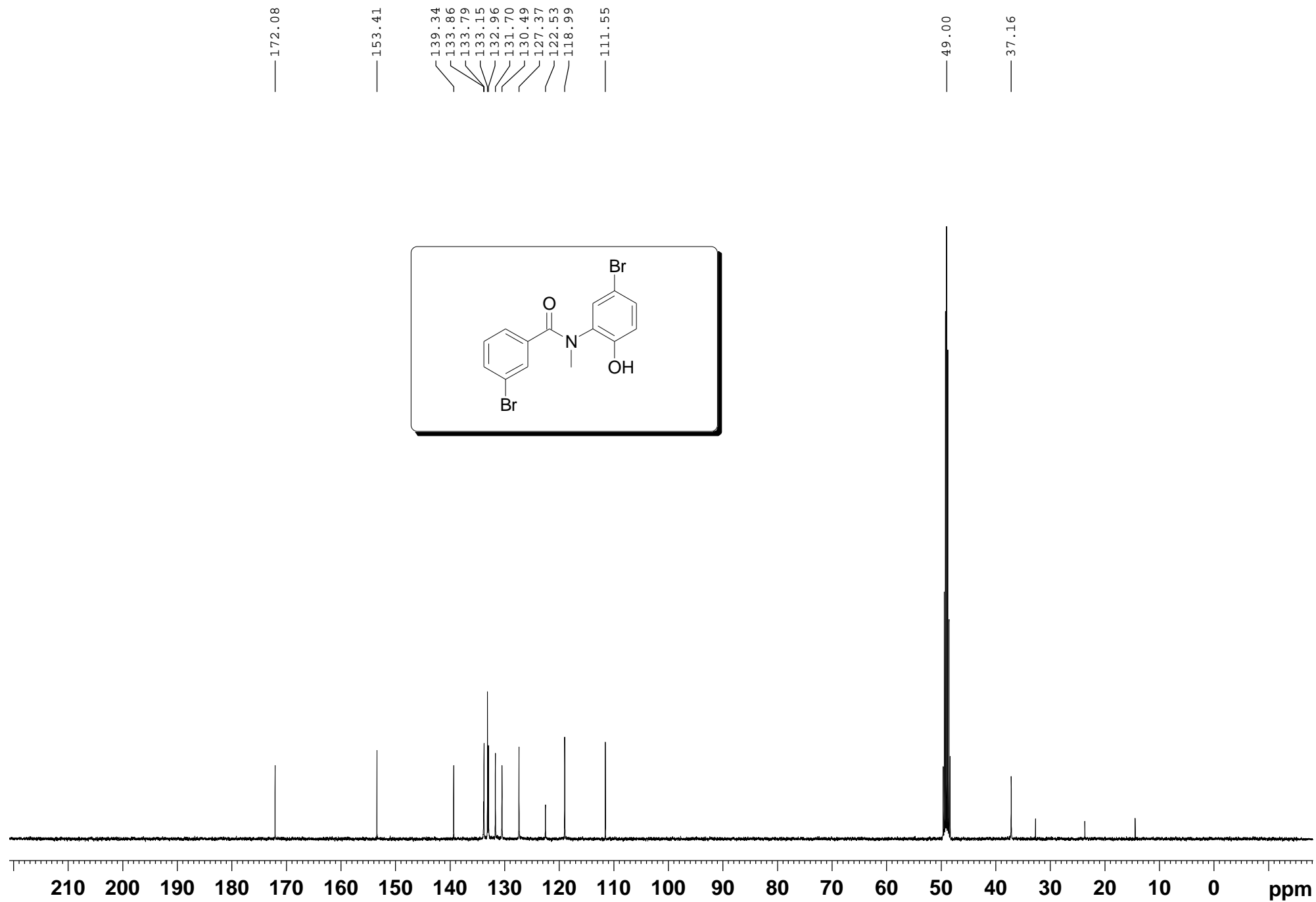
— 3.3065

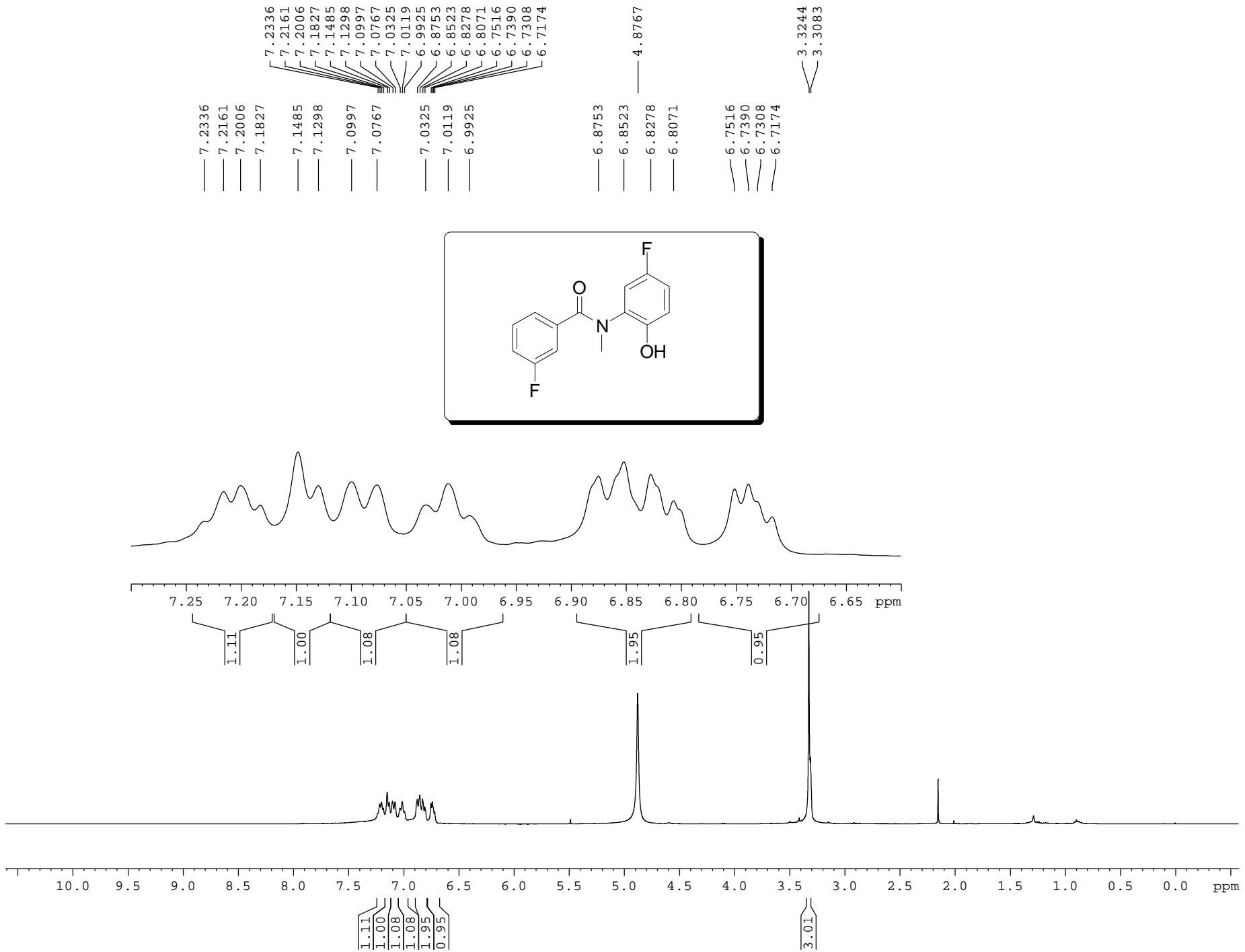


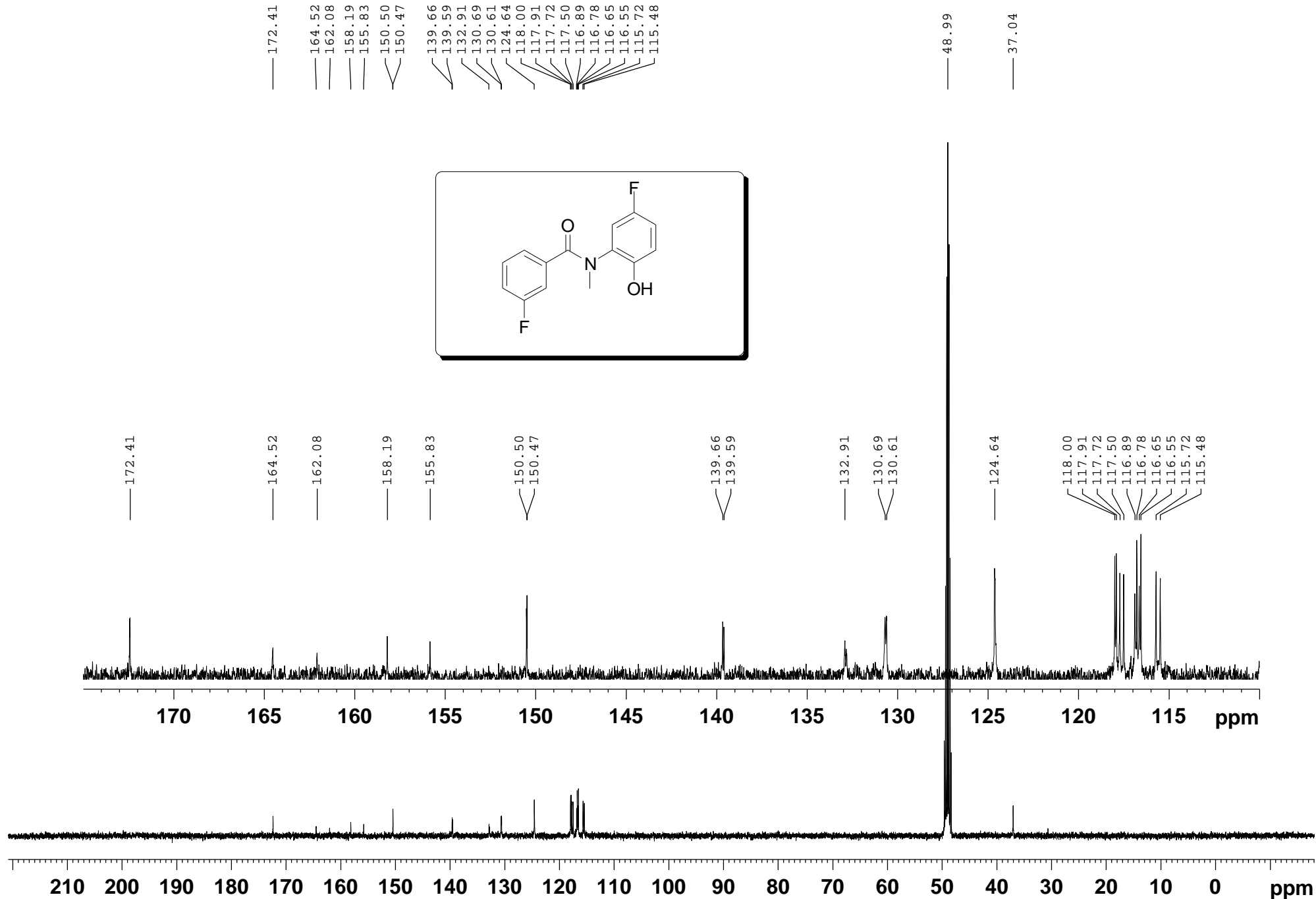
10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 ppm

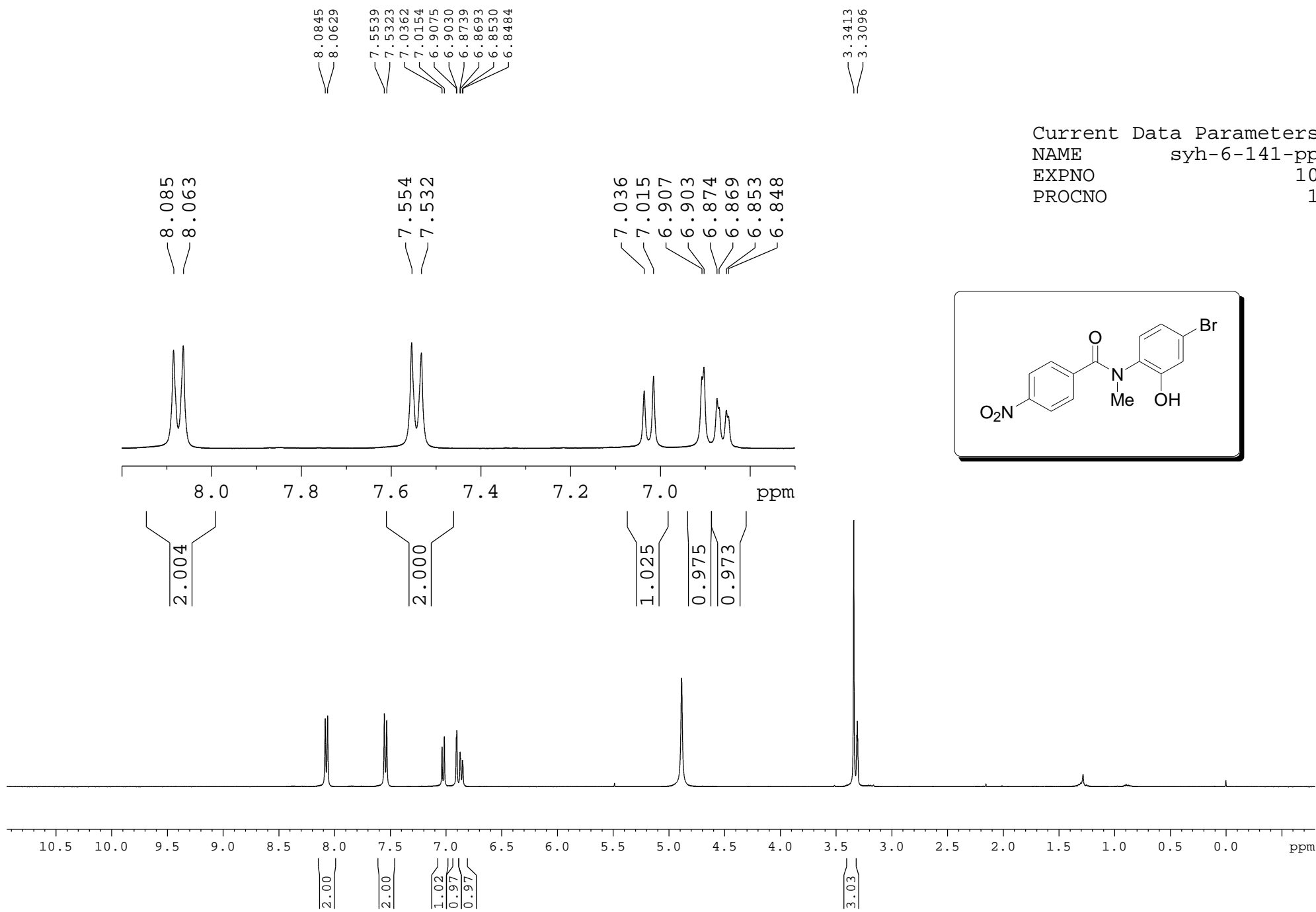
1.00
1.10
2.01
1.11
0.99
0.97

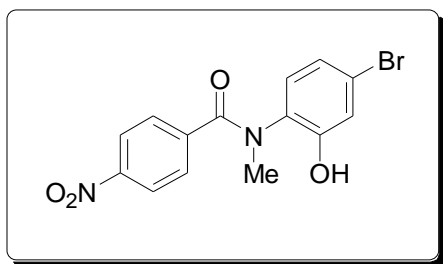
3.52











— 171.79

— 154.99

— 149.61

— 143.73

— 131.79
 — 131.57
 — 129.79
 — 124.09
 — 123.90
 — 123.28
 — 120.57

— 49.00

— 37.01

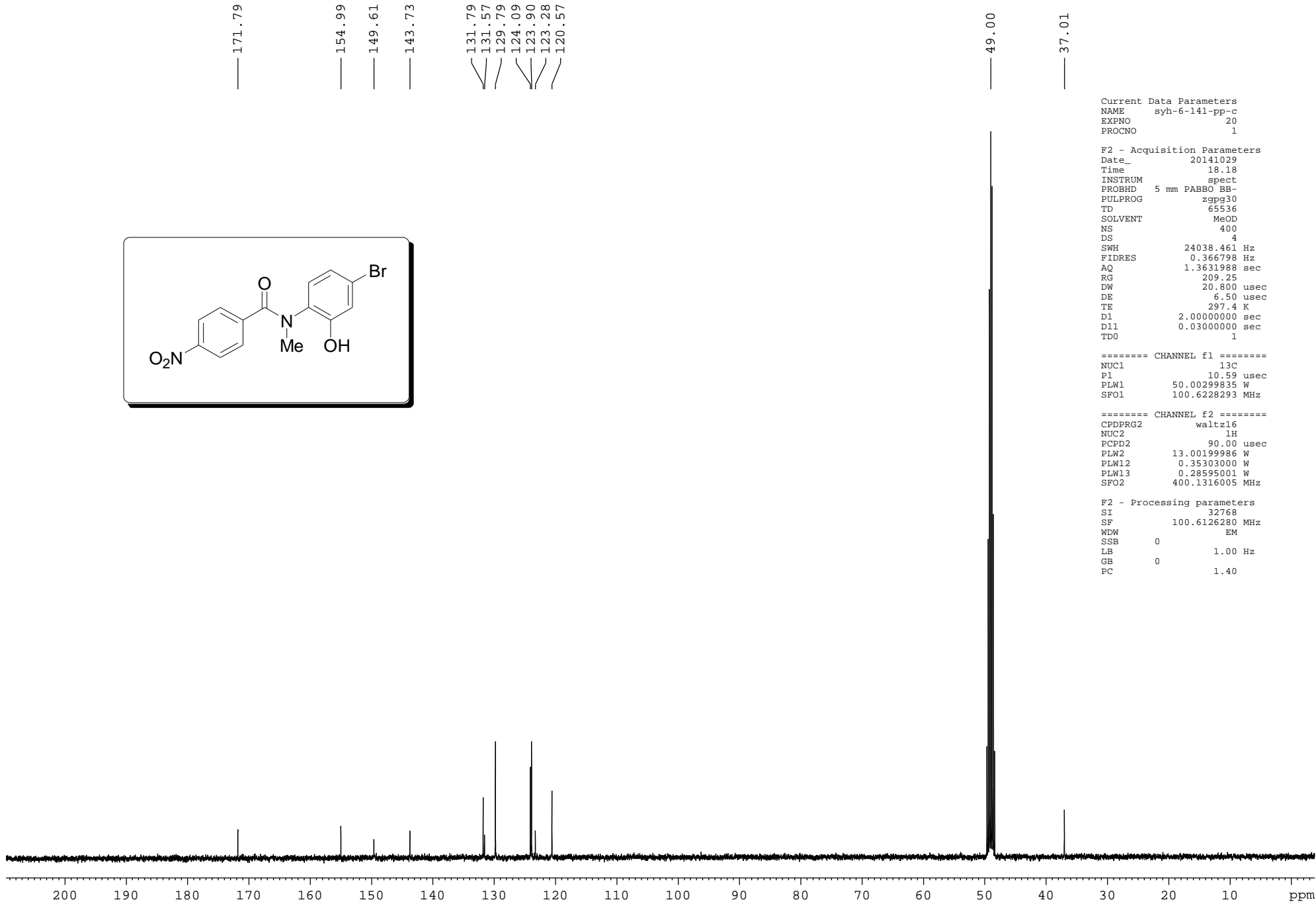
Current Data Parameters
 NAME syh-6-141-pp-c
 EXPNO 20
 PROCNO 1

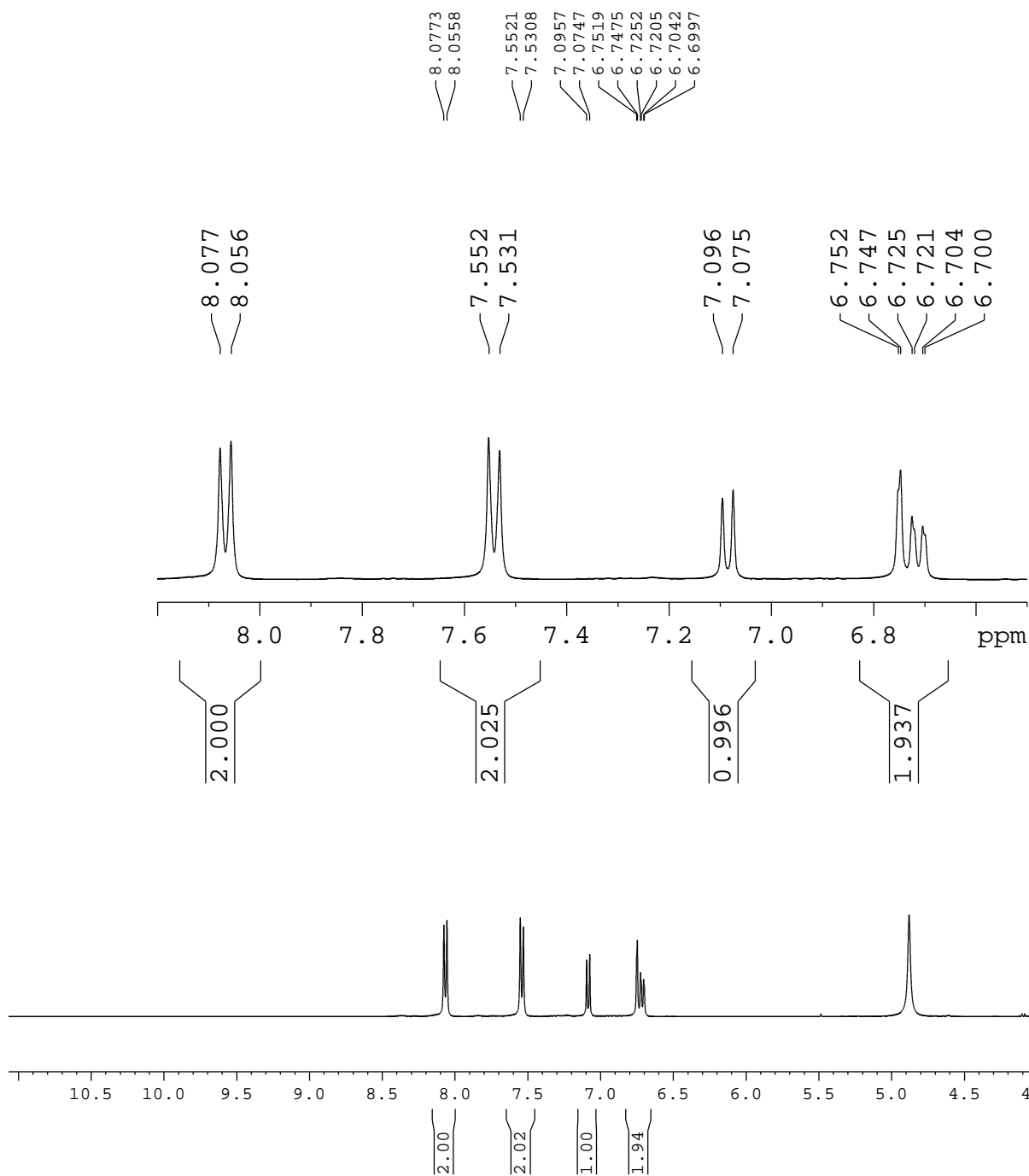
F2 - Acquisition Parameters
 Date_ 20141029
 Time 18.18
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 400
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 297.4 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 usec
 PLW1 50.00299835 W
 SFO1 100.6228293 MHz

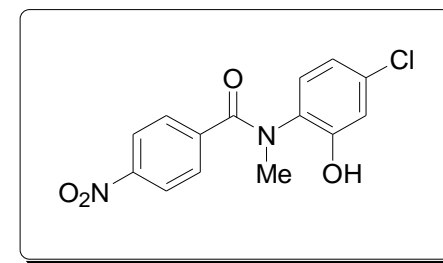
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P1 90.00 usec
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6126280 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

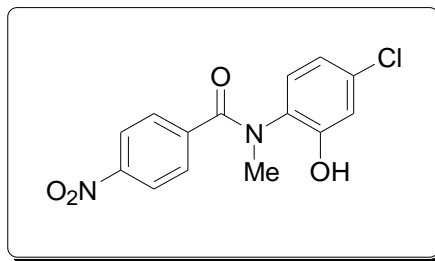




Current Data Parameters
 NAME syh-6-143
 EXPNO 10
 PROCNO 1



— 171.83
 — 154.81
 — 149.57
 — 143.73
 — 135.57
 — 131.47
 — 131.08
 — 129.76
 — 123.87
 — 121.06
 — 117.54



— 48.99

— 37.04

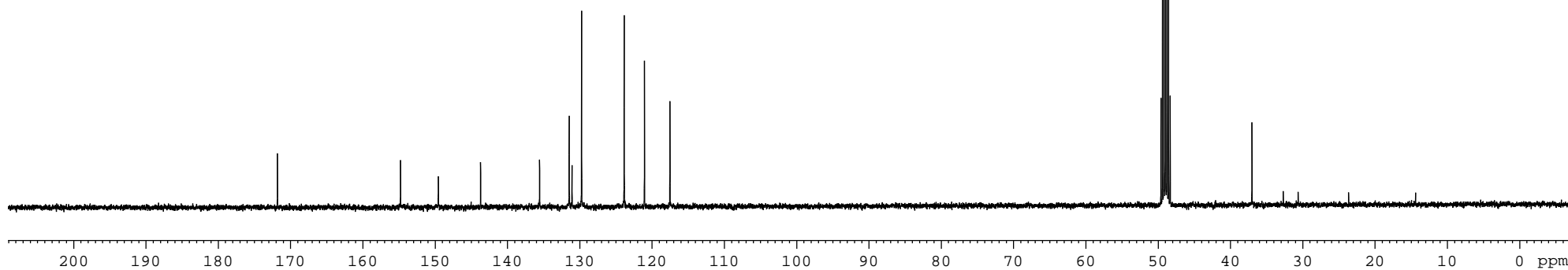
Current Data Parameters
 NAME syh-6-143-c
 EXPNO 20
 PROCNO 1

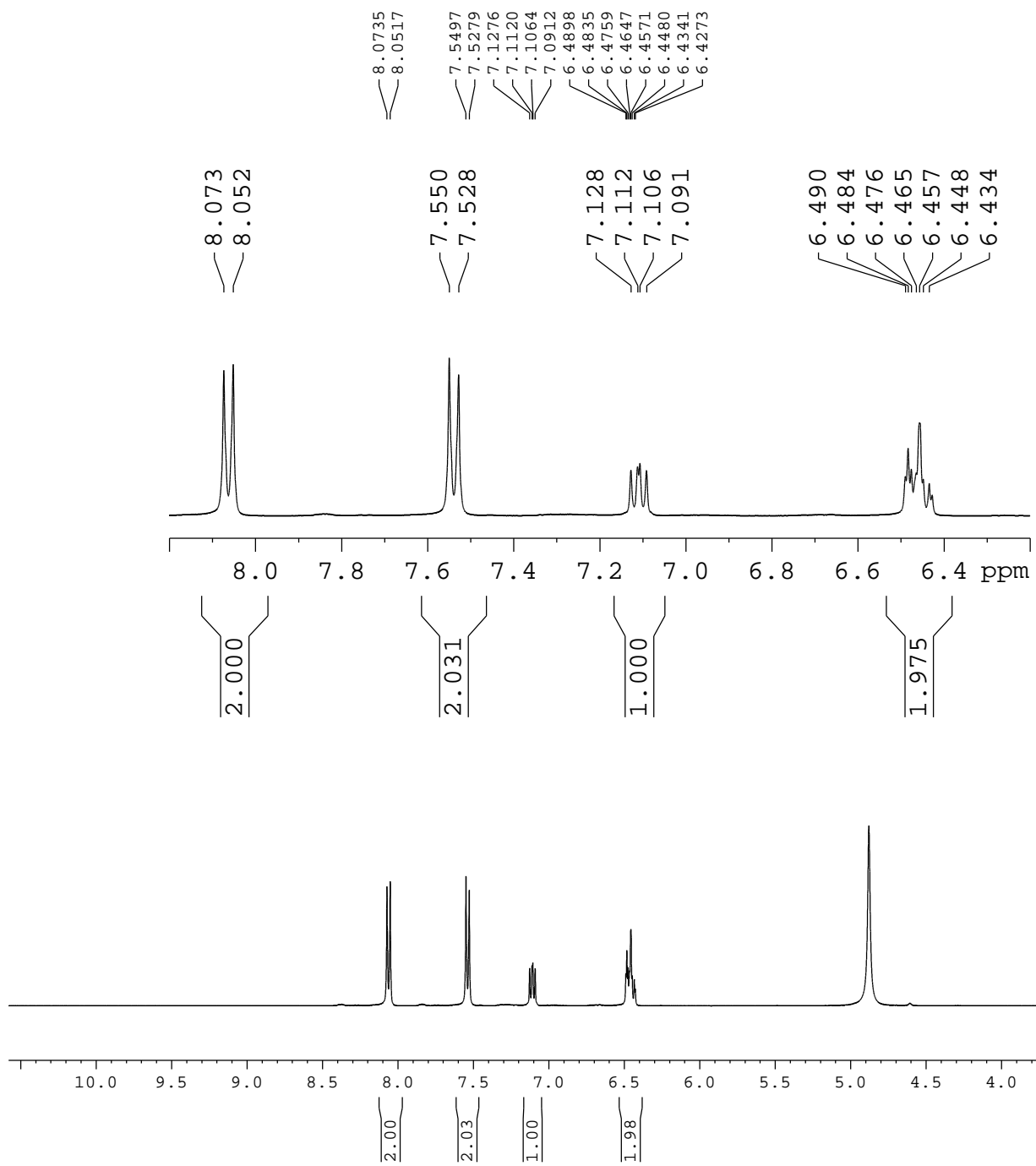
F2 - Acquisition Parameters
 Date_ 20141029
 Time 4.48
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 400
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 298.5 K
 D1 2.0000000 sec
 D11 0.0300000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 usec
 PLW1 50.00299835 W
 SFO1 100.6228293 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P1 90.00 usec
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MHz

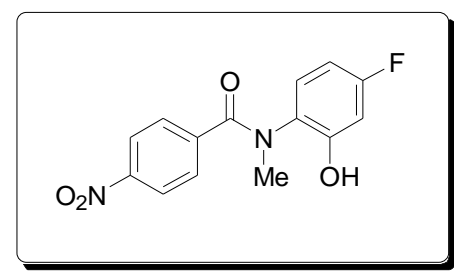
F2 - Processing parameters
 SI 32768
 SF 100.6126304 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

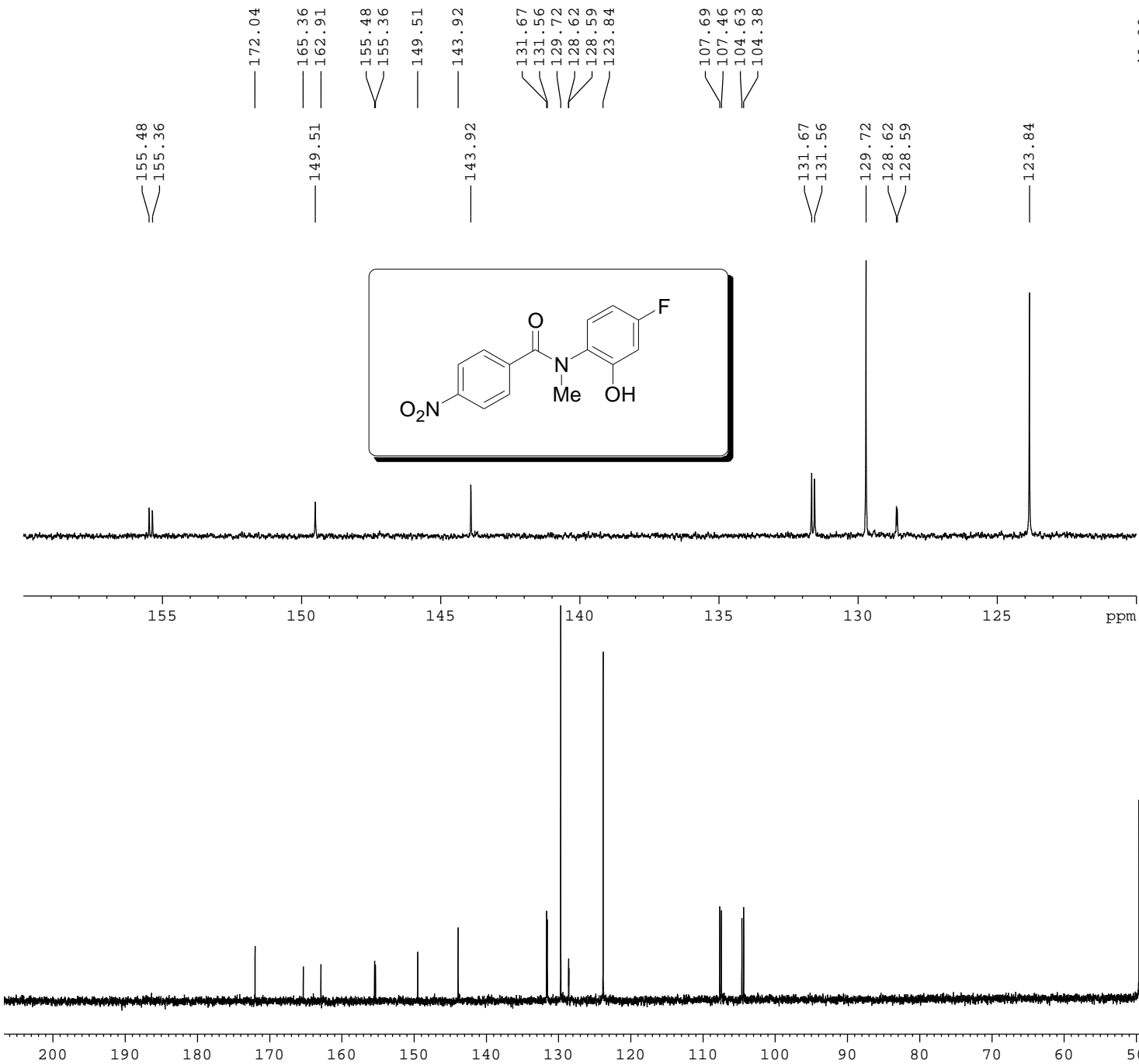




3.3400
3.3088

Current Data Parameters
 NAME syh-6-145
 EXPNO 10
 PROCNO 1





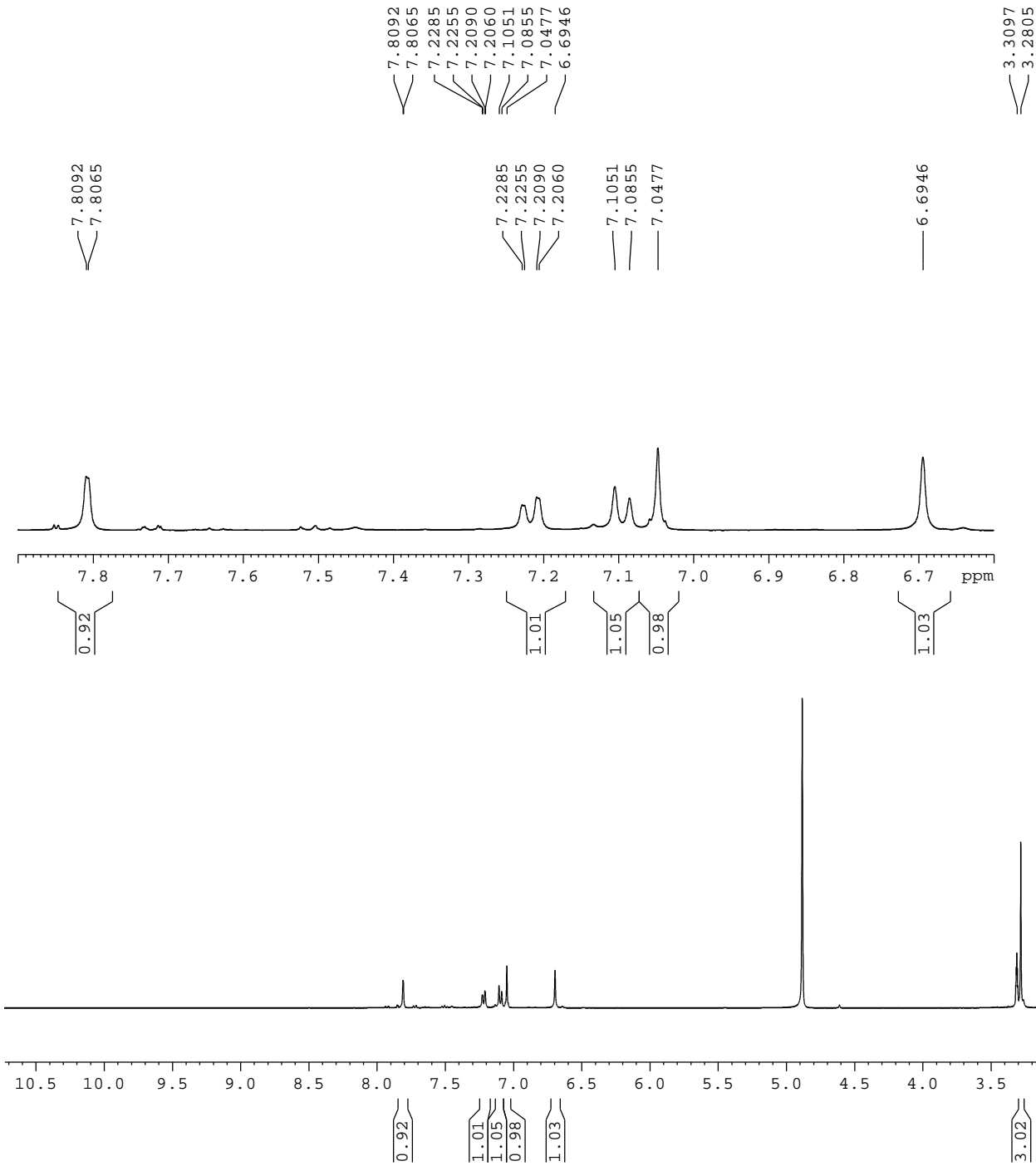
Current Data Parameters
 NAME syh-6-145-c
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141030
 Time 18.37
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 600
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 297.8 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 usec
 PLW1 50.00299835 W
 SFO1 100.6228293 MHz

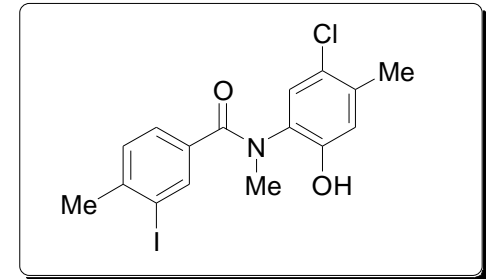
===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 90.00 usec
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MHz

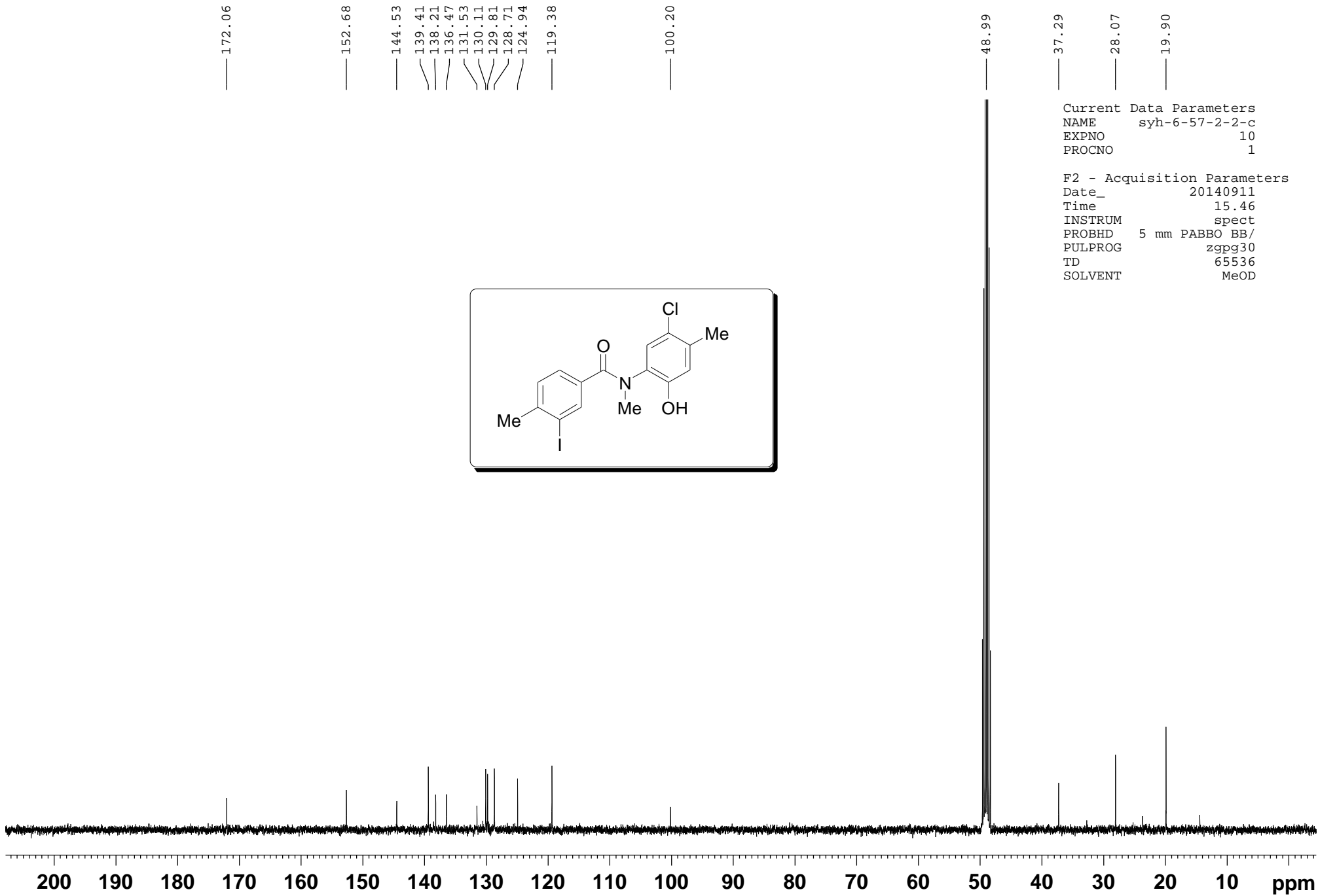
F2 - Processing parameters
 SI 32768
 SF 100.6126280 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

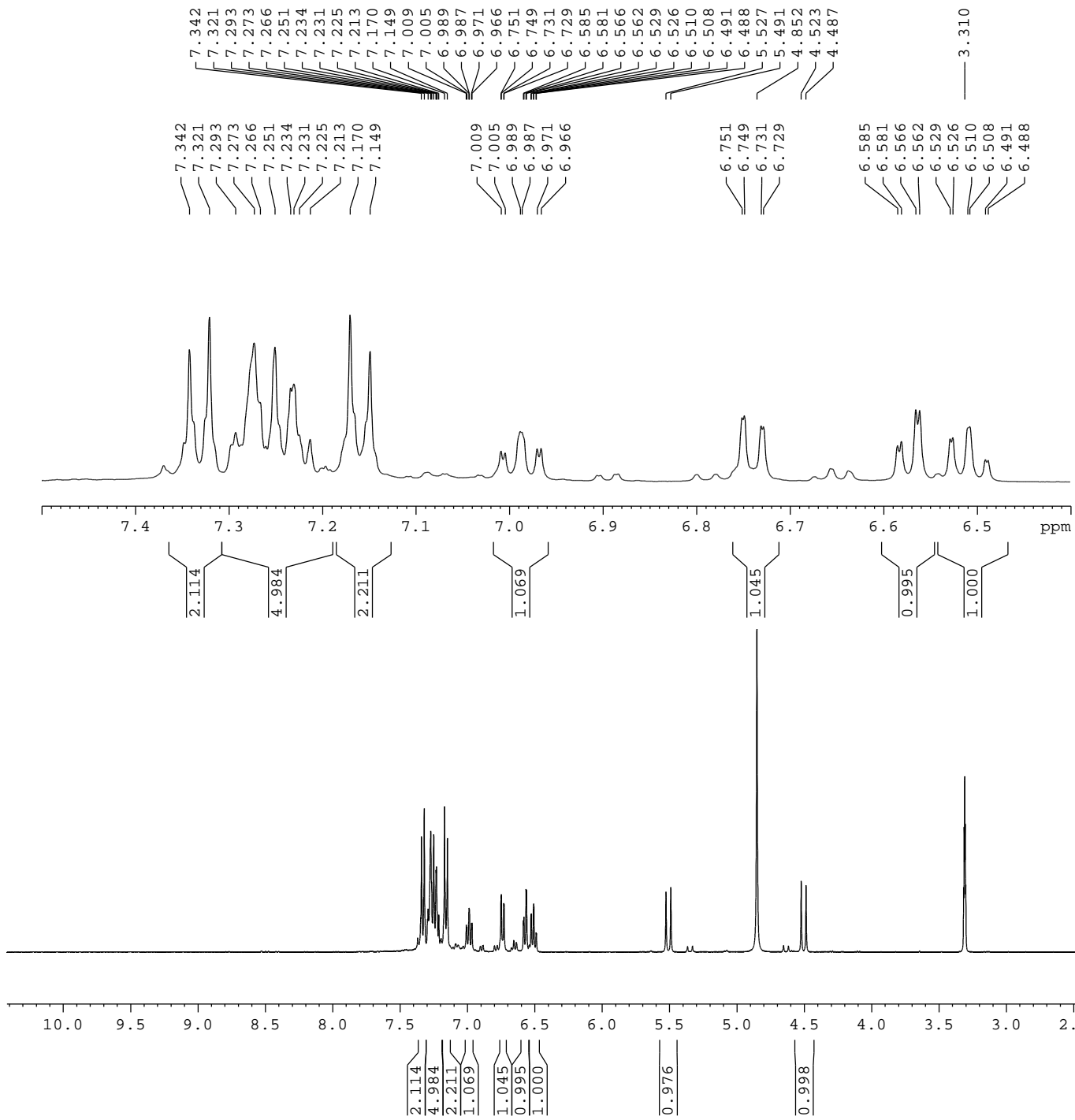


Current Data Parameters
 NAME syh-6-57-2-2
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20140911
 Time 11.46
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD

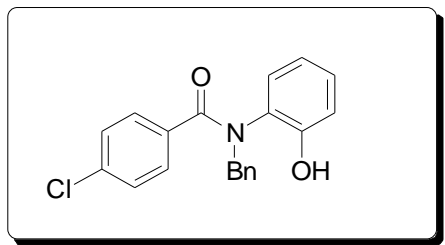


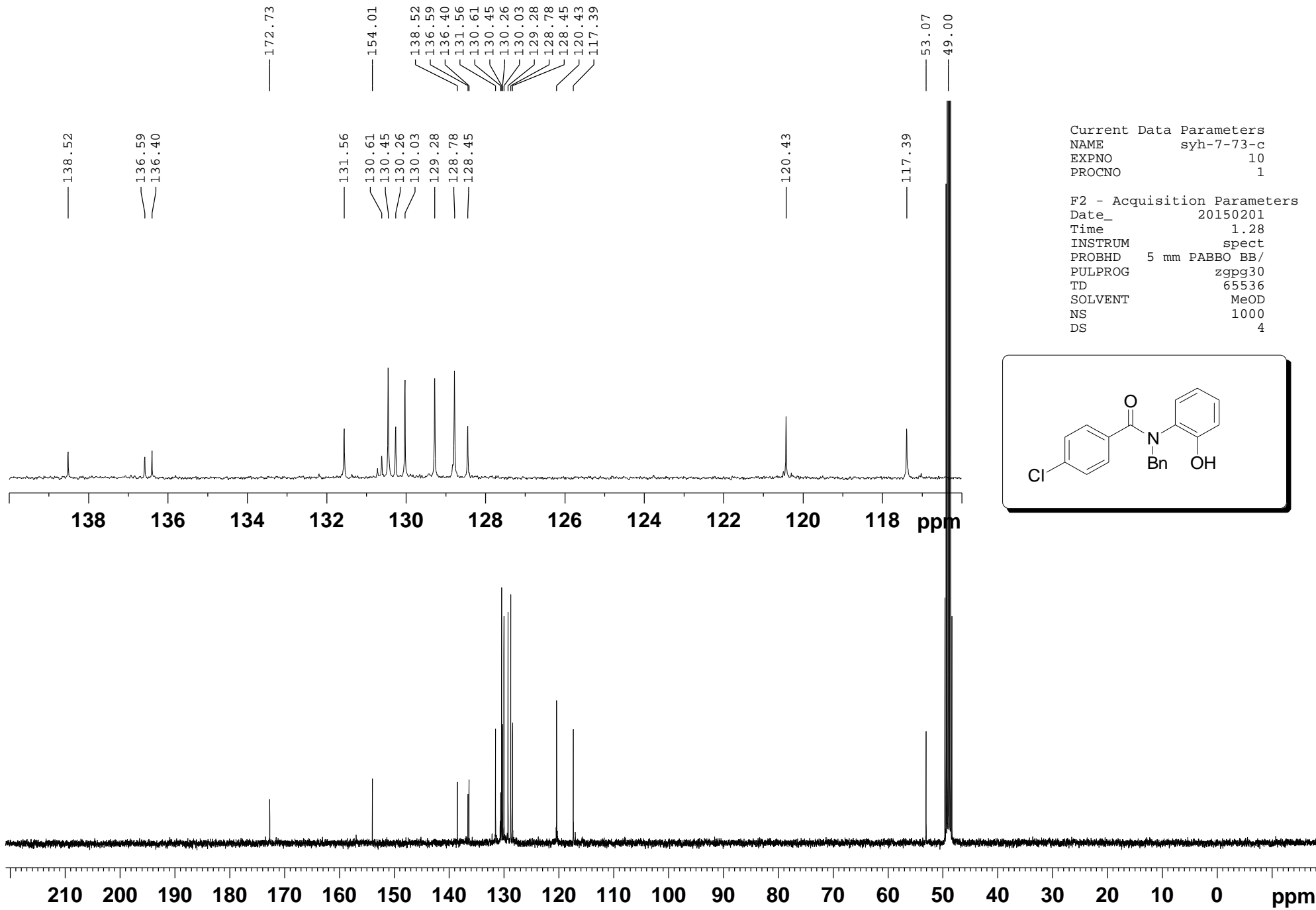




Current Data Parameters
 NAME syh-7-73-p
 EXPNO 10
 PROCNO 1

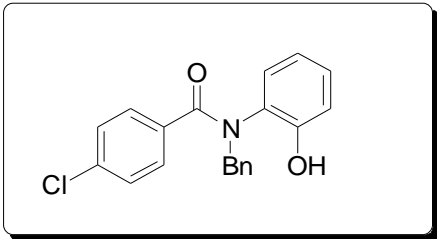
F2 - Acquisition Parameters
 Date_ 20150131
 Time 17.56
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD

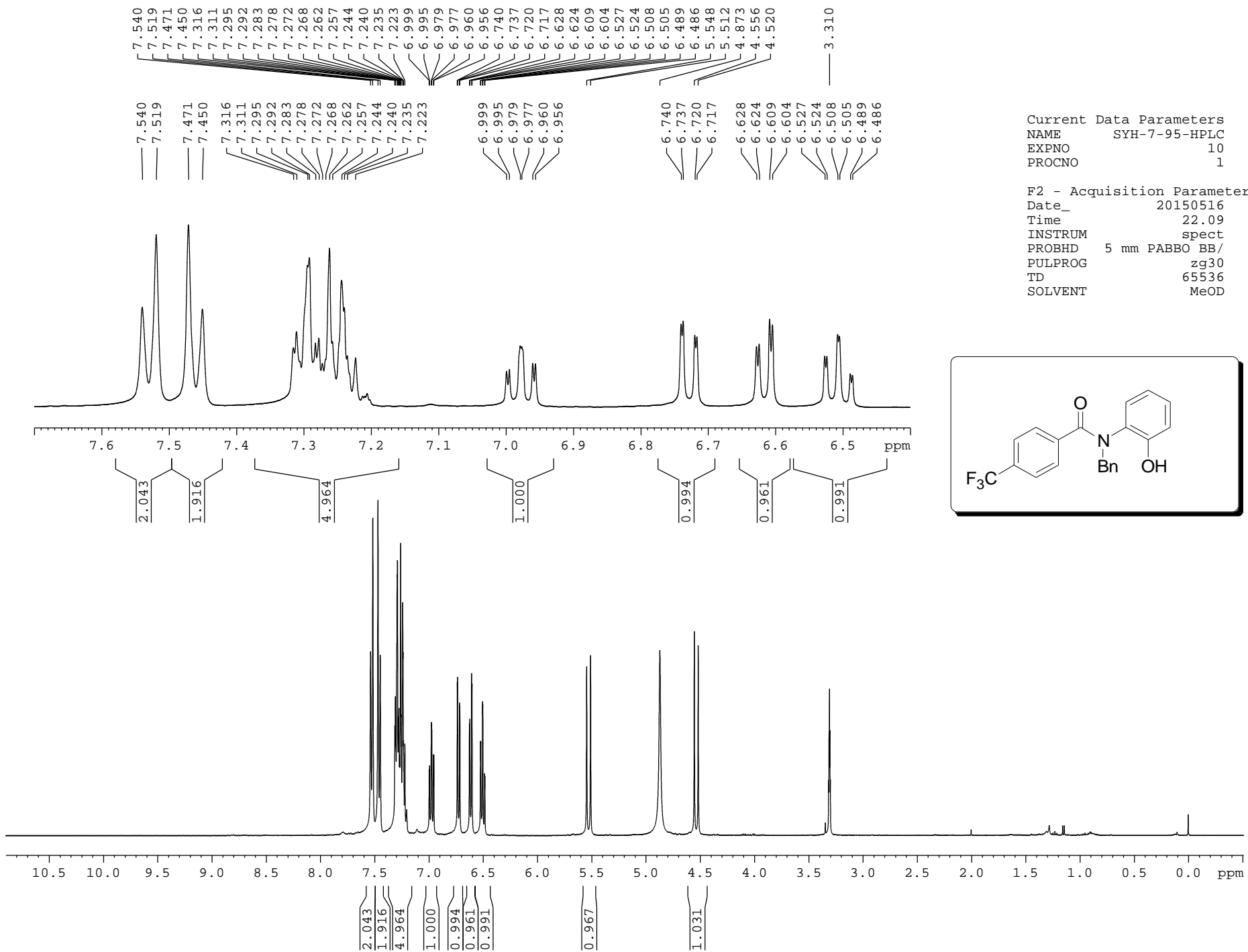


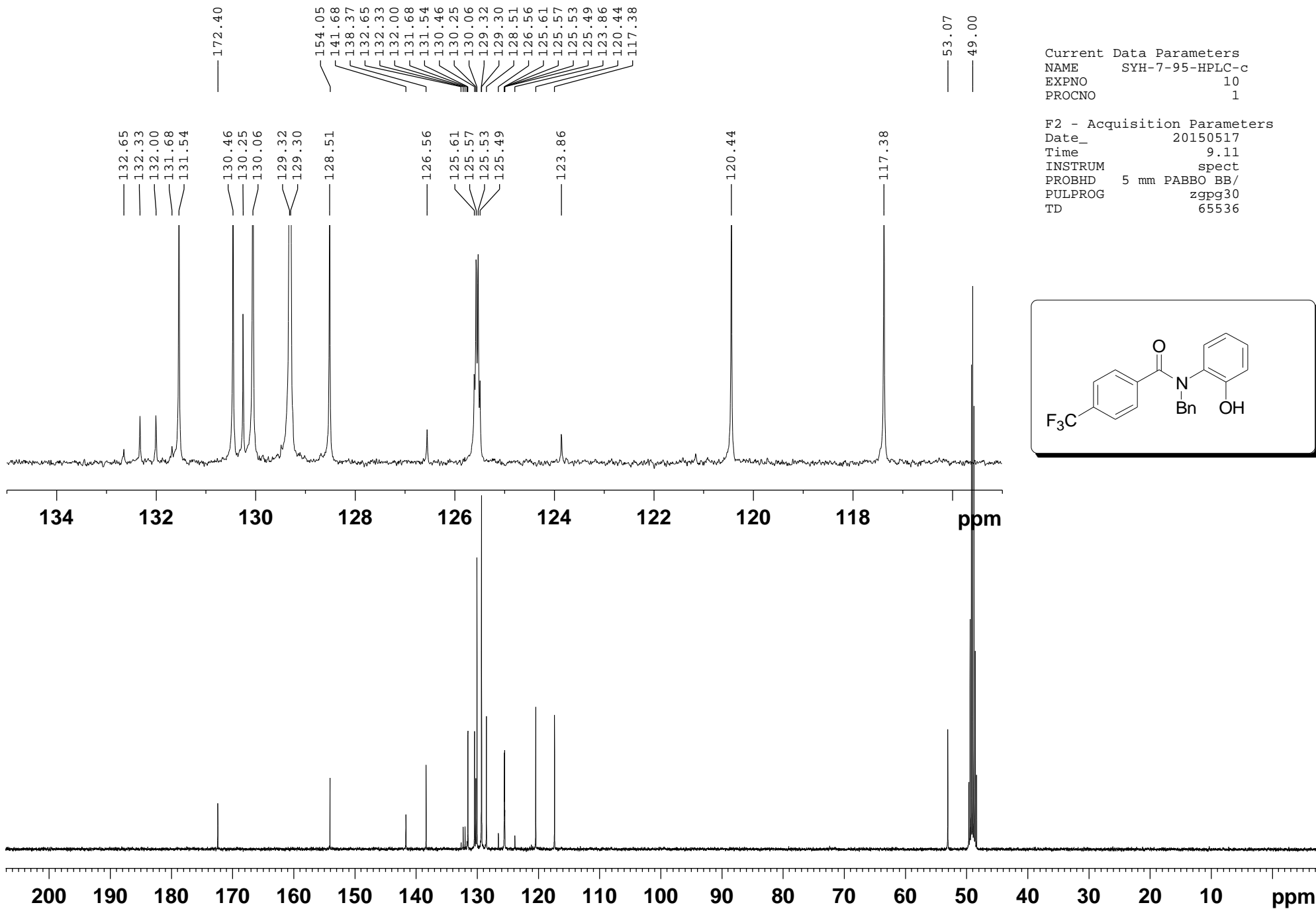


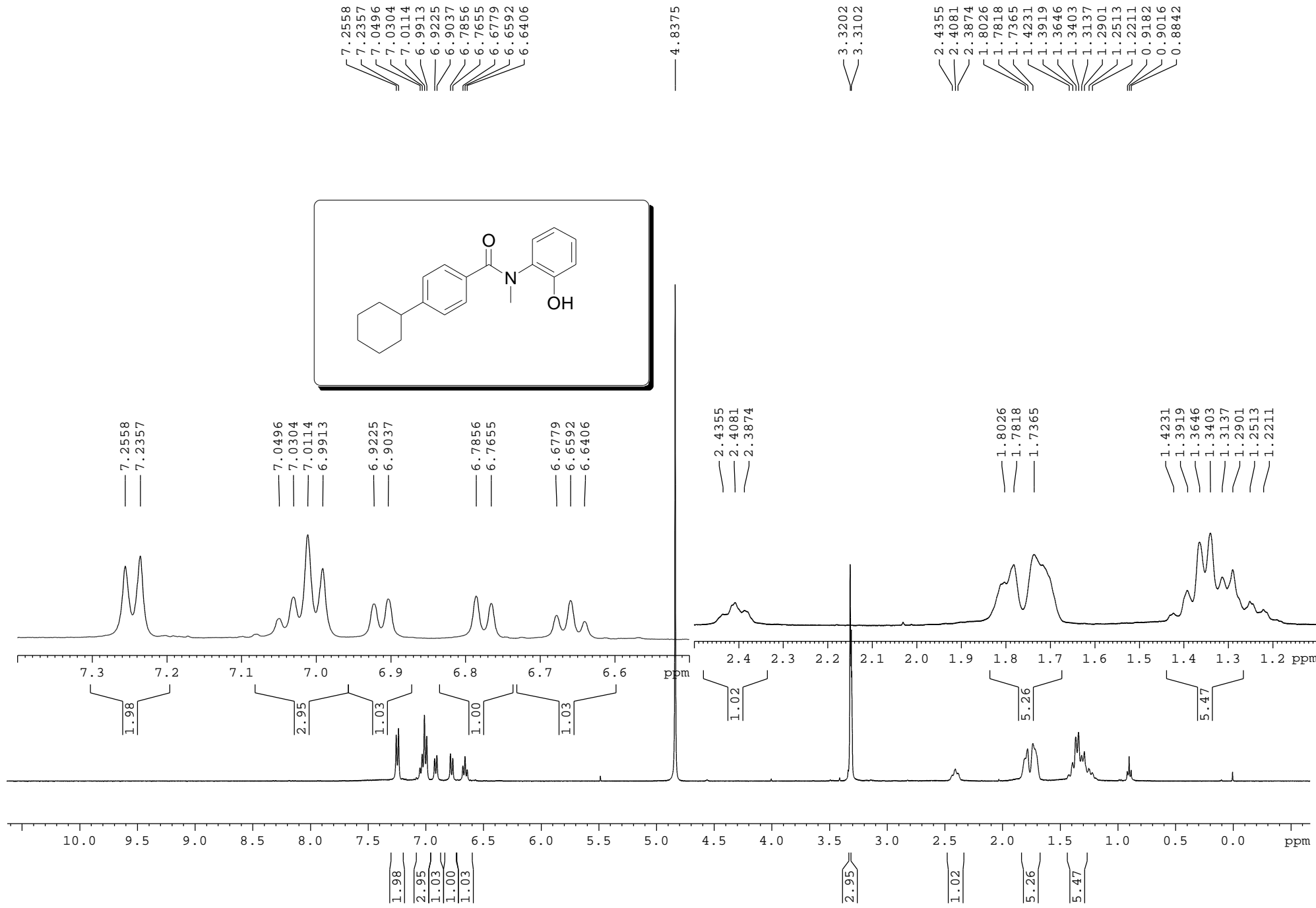
Current Data Parameters
 NAME syh-7-73-c
 EXPNO 10
 PROCNO 1

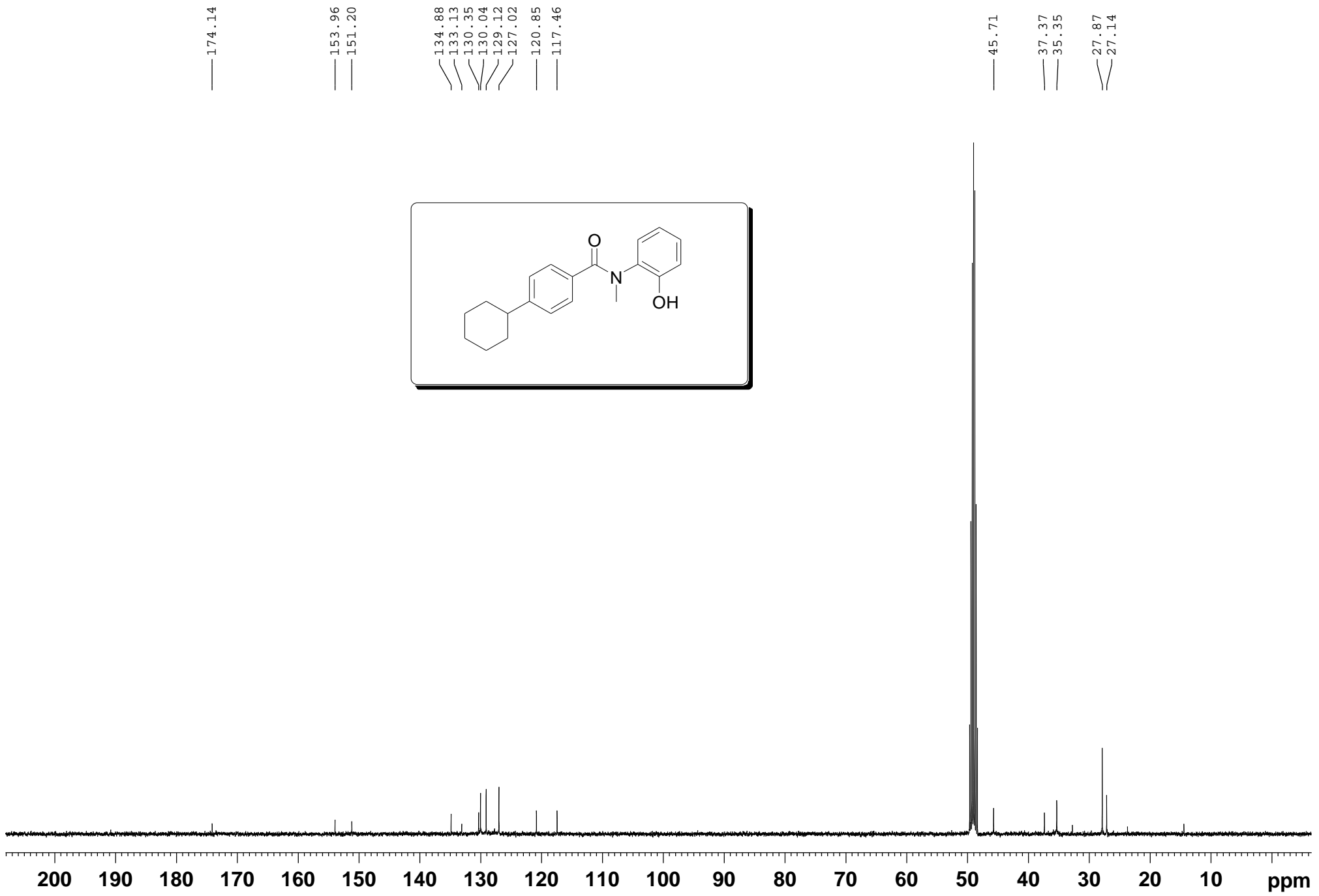
F2 - Acquisition Parameters
 Date_ 20150201
 Time 1.28
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 1000
 DS 4

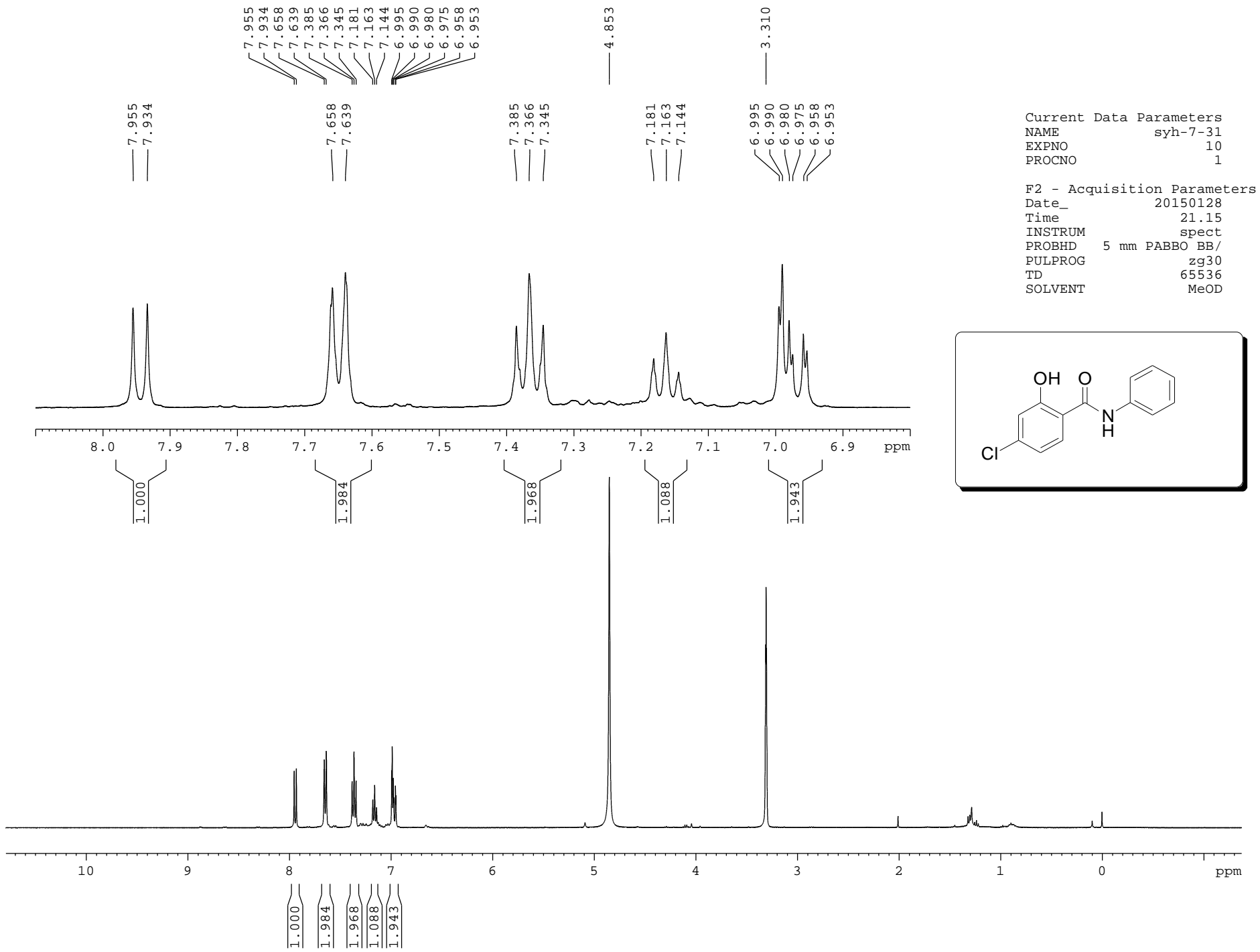






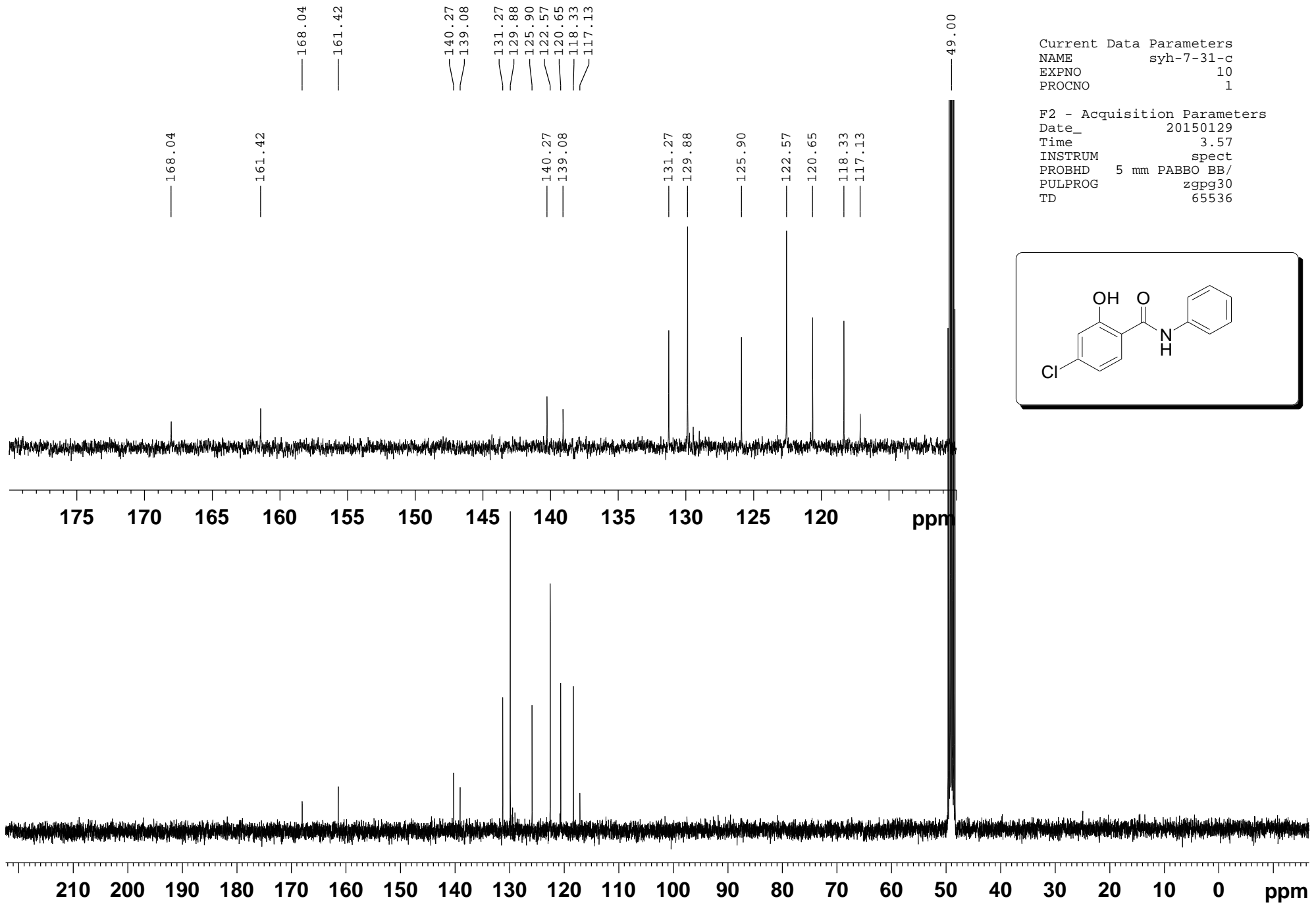






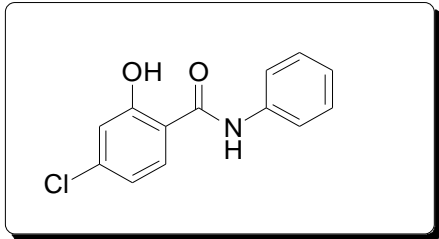
Current Data Parameters
 NAME syh-7-31
 EXPNO 10
 PROCNO 1

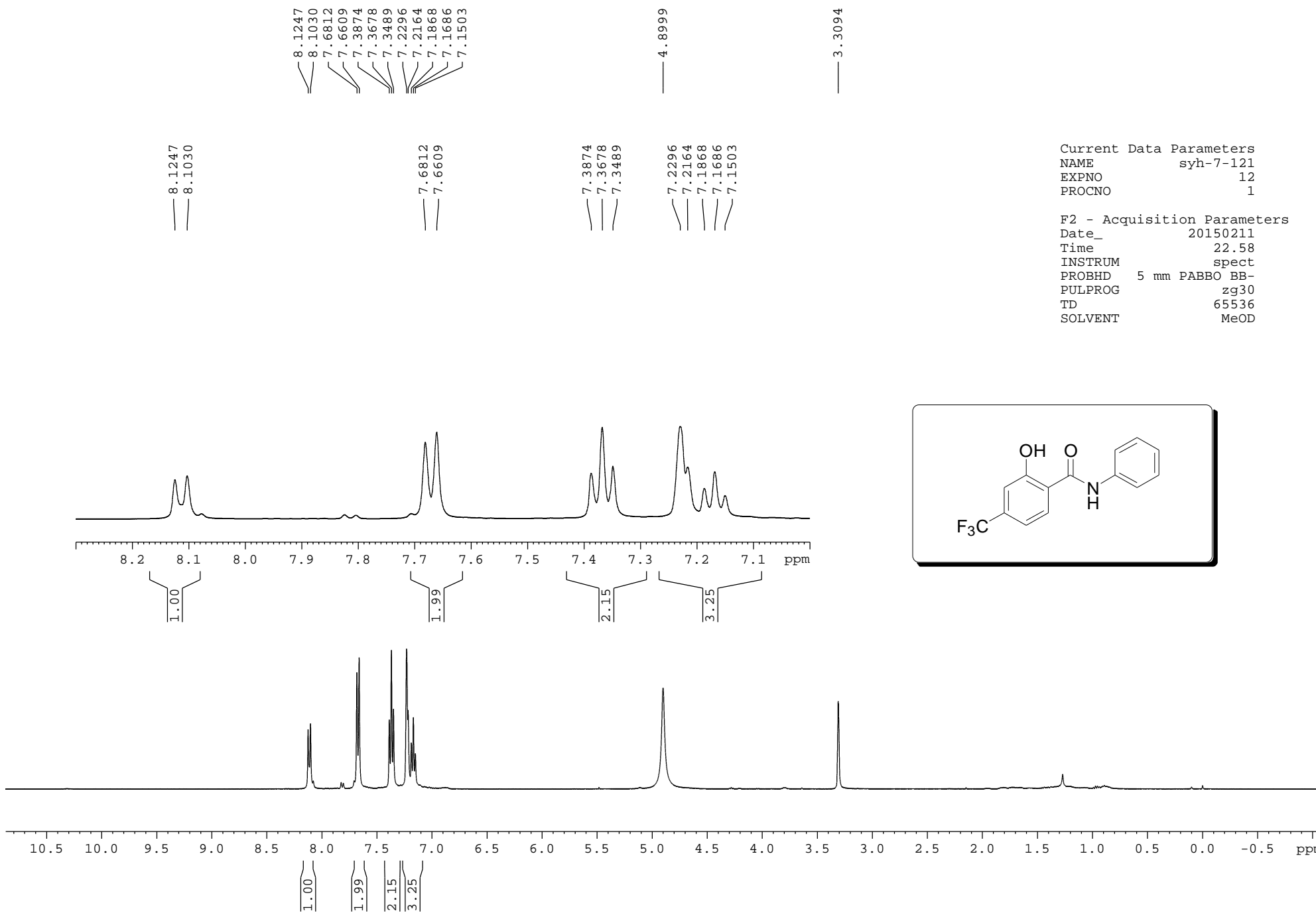
F2 - Acquisition Parameters
 Date_ 20150128
 Time 21.15
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD



Current Data Parameters
NAME syh-7-31-c
EXPNO 10
PROCNO 1

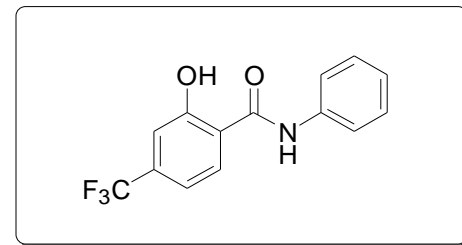
F2 - Acquisition Parameters
Date_ 20150129
Time 3.57
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536

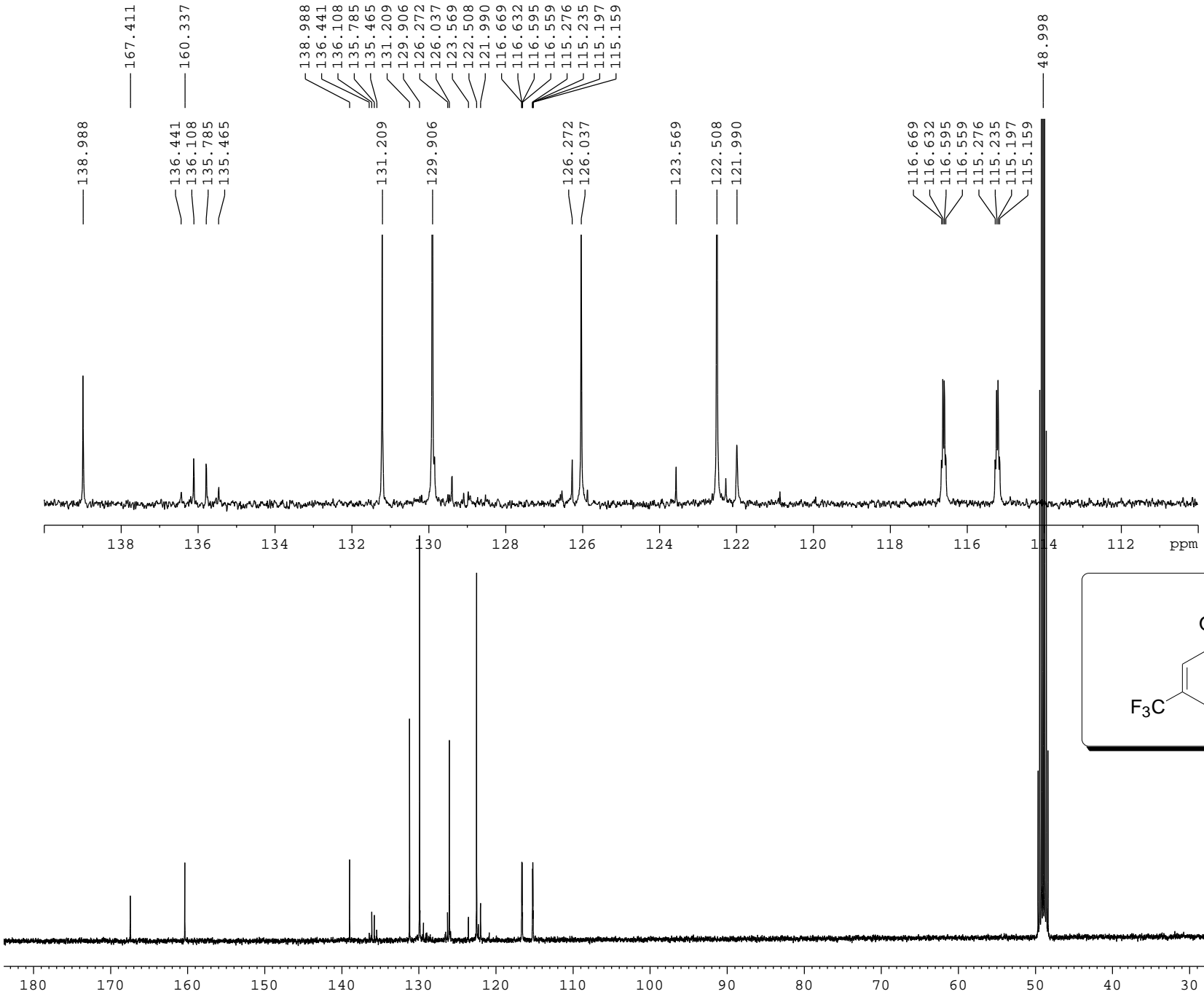




Current Data Parameters
 NAME syh-7-121
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150211
 Time 22.58
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT MeOD





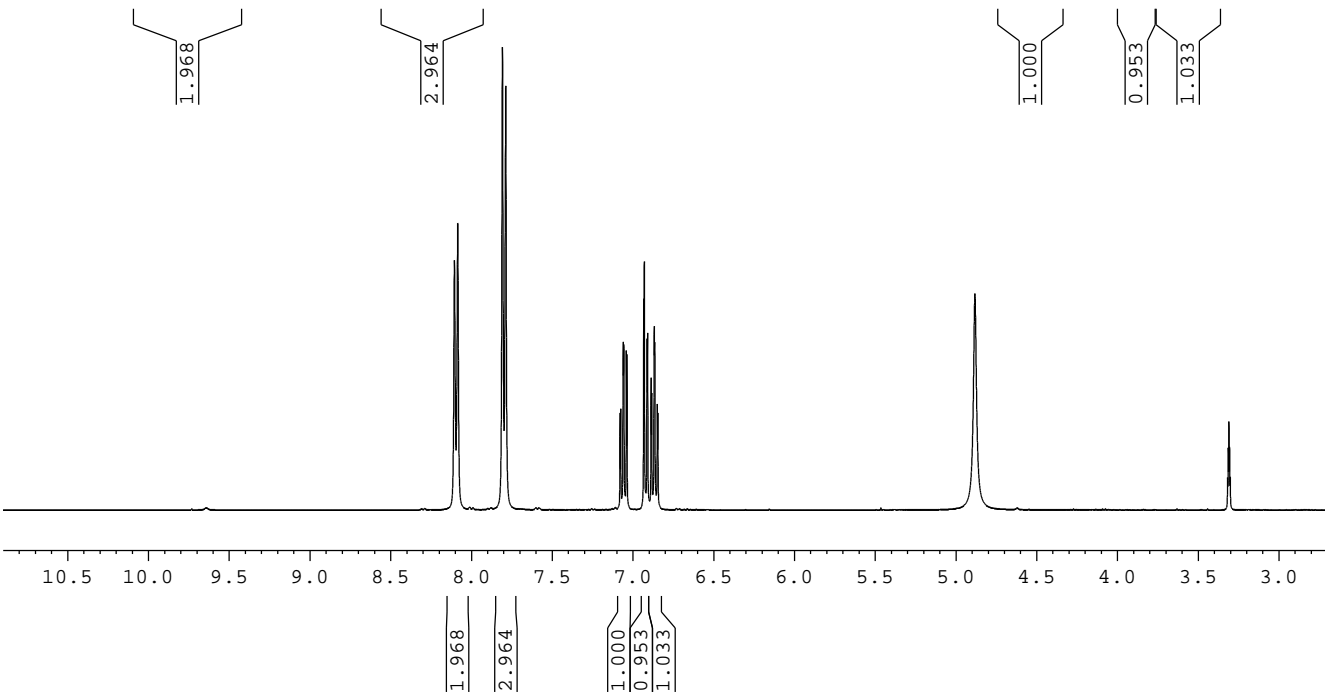
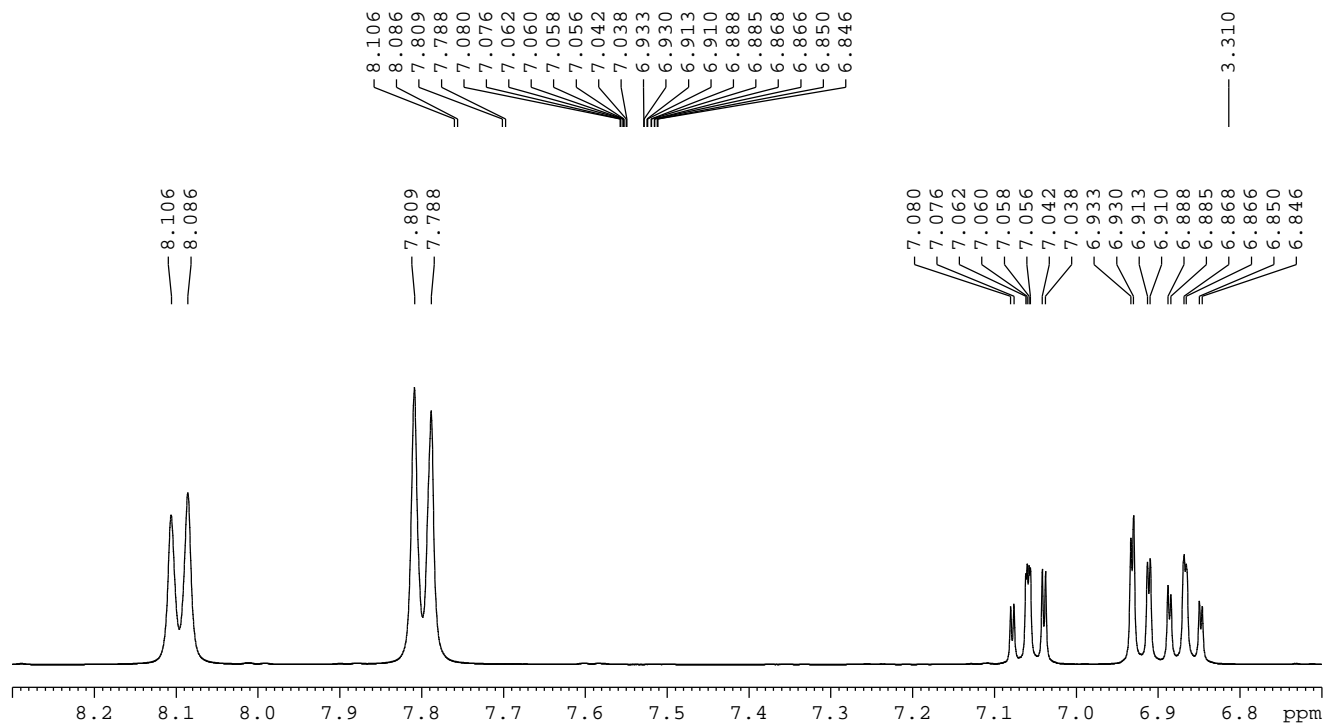
Current Data Parameters
 NAME syh-7-121-C
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150214
 Time 9.38
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 1678
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 se
 RG 209.25
 DW 20.804 us
 DE 6.50 us
 TE 296.4 K
 D1 2.00000000 se
 D11 0.03000000 se
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 us
 PLW1 50.00299835 W
 SFO1 100.6228293 MH

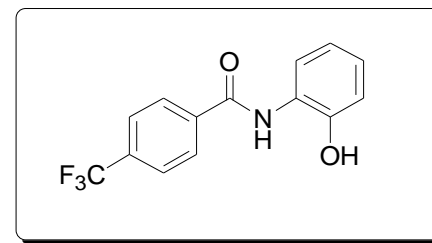
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 90.00 us
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MH

F2 - Processing parameters
 SI 32768
 SF 100.6126281 MH
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40



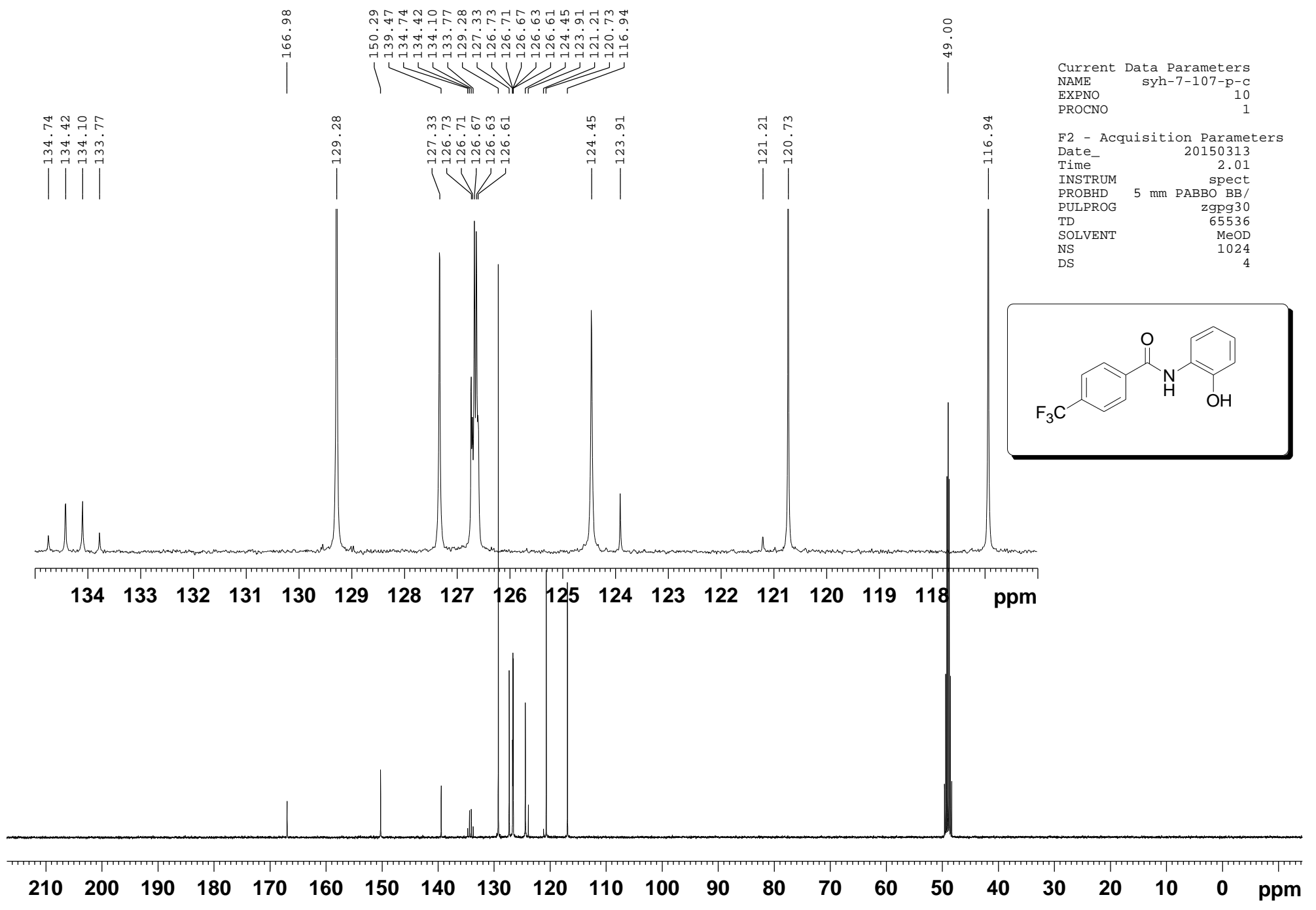
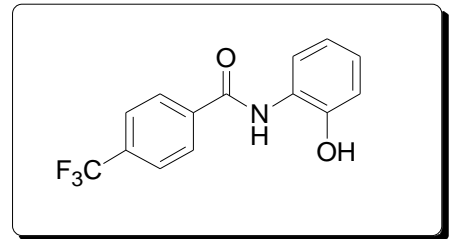
Current Data Parameters
 NAME syh-7-107-p
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150312
 Time 19.25
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD



Current Data Parameters
NAME syh-7-107-p-c
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150313
Time 2.01
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zgpg30
TD 65536
SOLVENT MeOD
NS 1024
DS 4



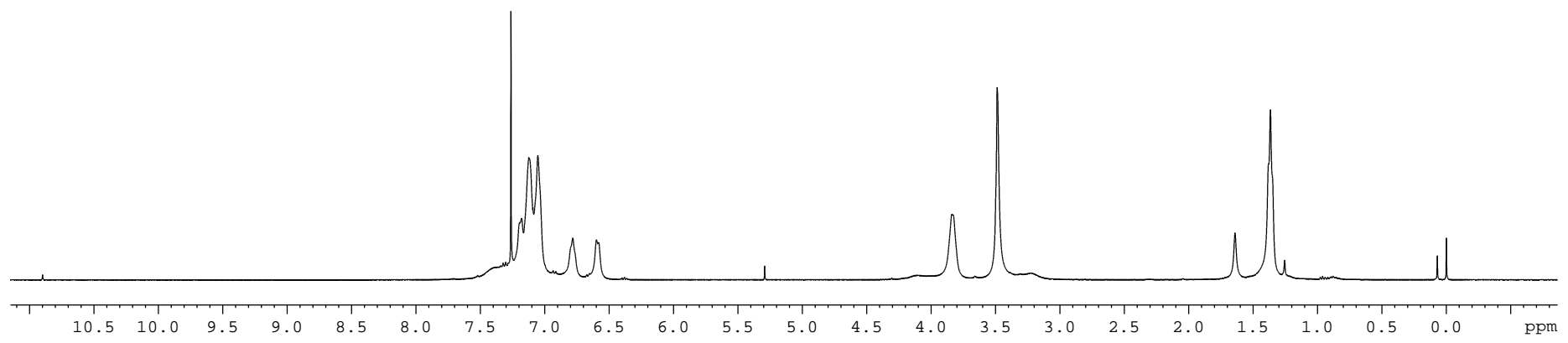
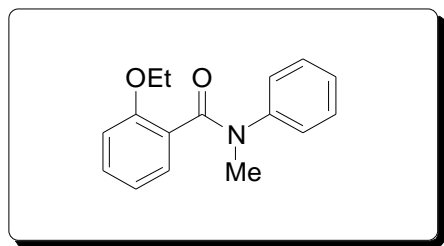
7.260
7.176
7.121
7.053
6.782
6.598
6.581

3.837
3.487

1.365

Current Data Parameters
NAME syh-6-159-p
EXPNO 10
PROCNO 1

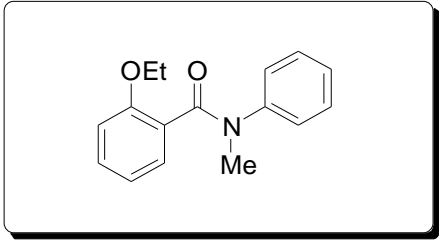
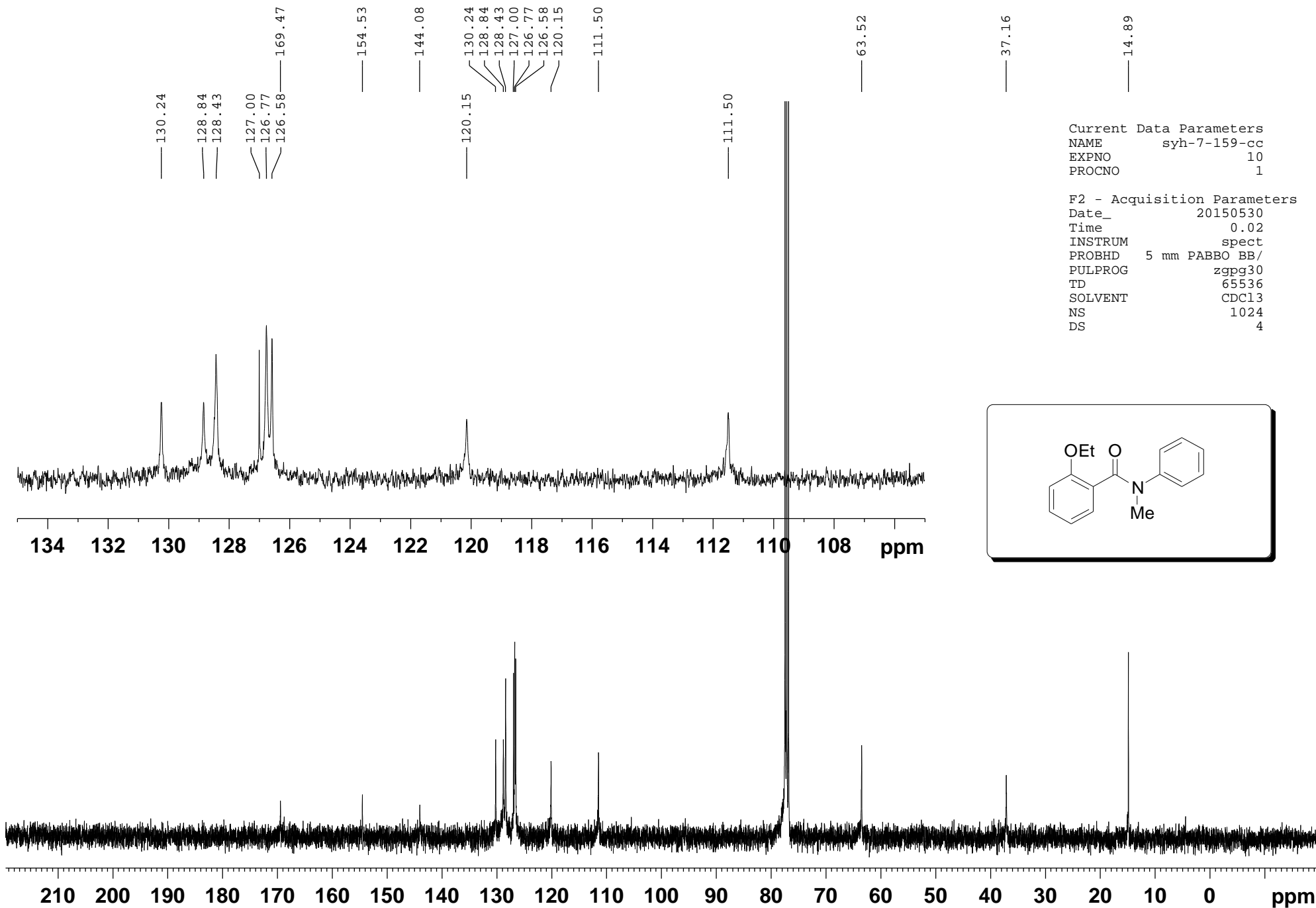
F2 - Acquisition Parameters
Date_ 20150526
Time 21.50
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT CDCl3

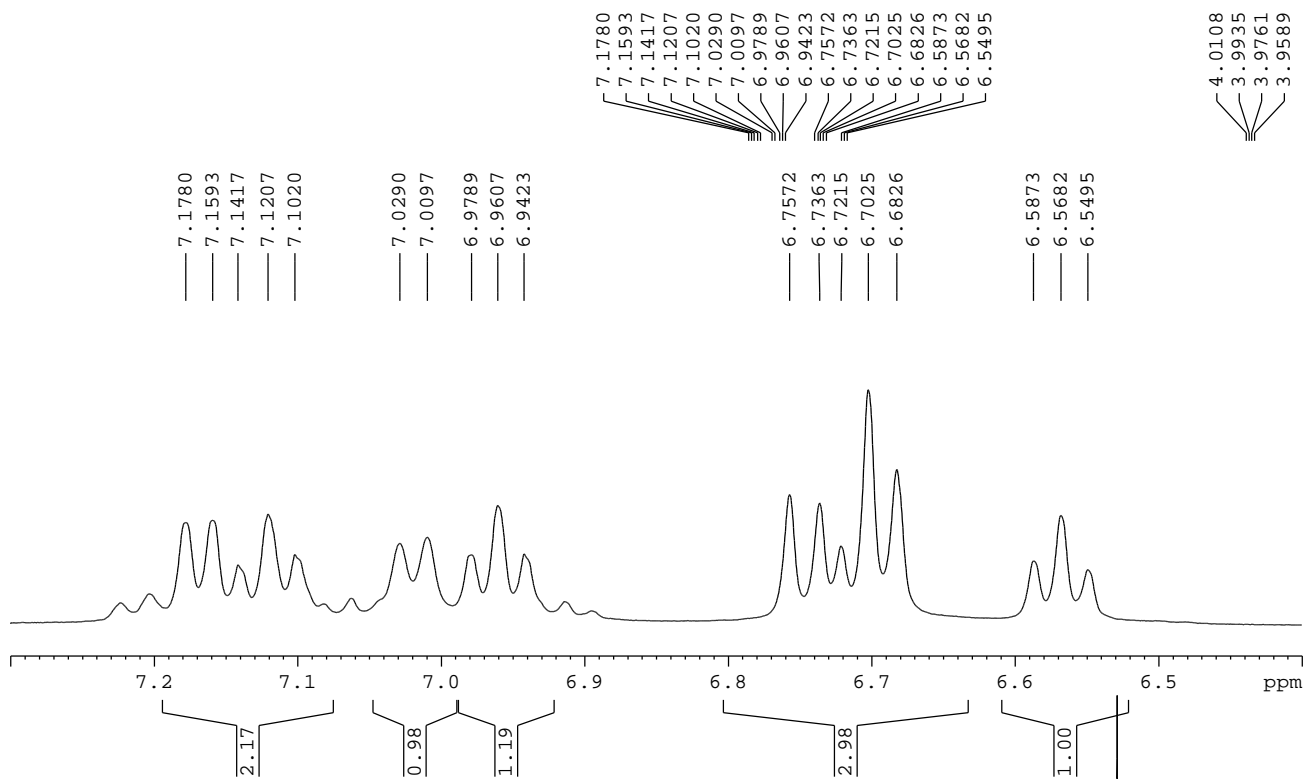


7.009
1.000
0.966

1.980
3.052

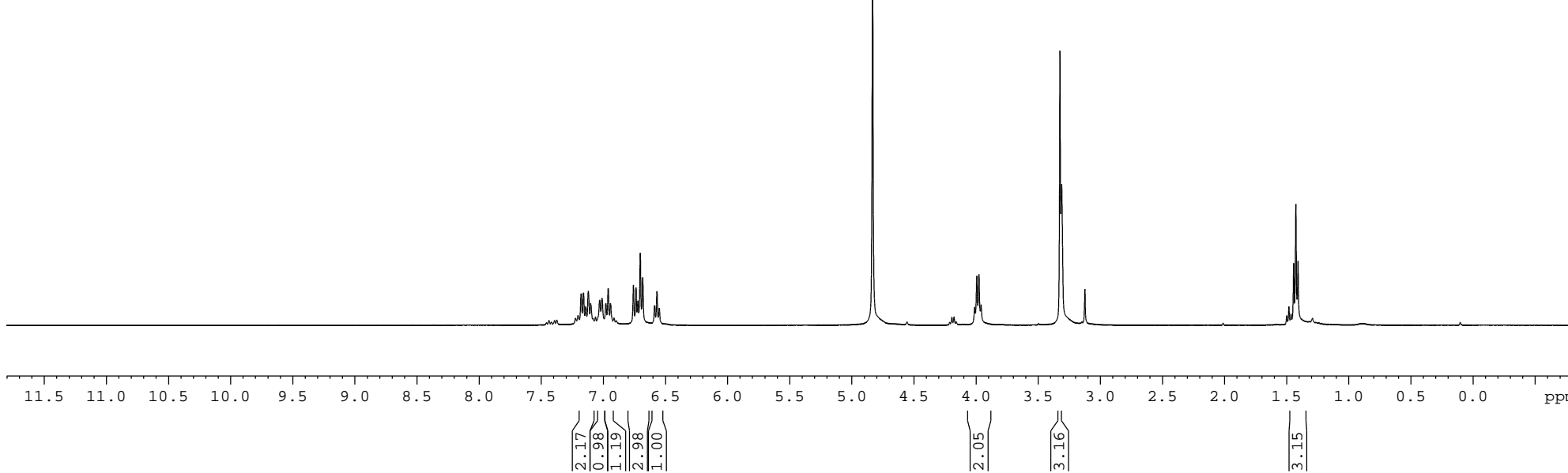
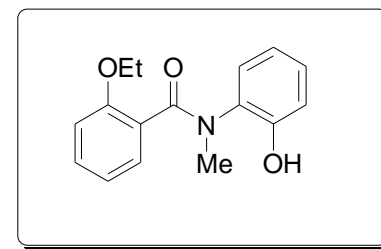
3.261

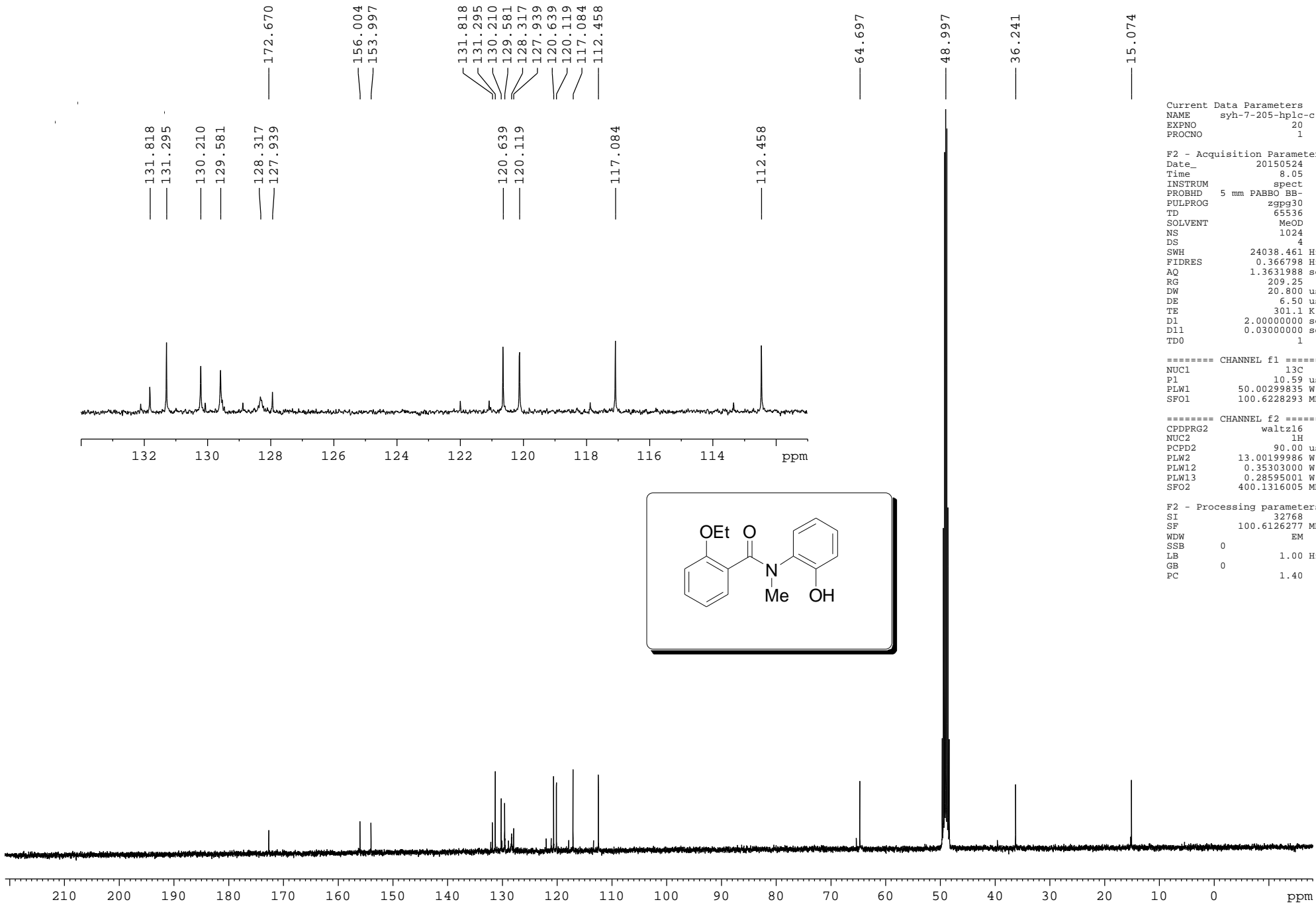




Current Data Parameters
 NAME syh-7-205-hplc
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150523
 Time 21.08
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT MeOD





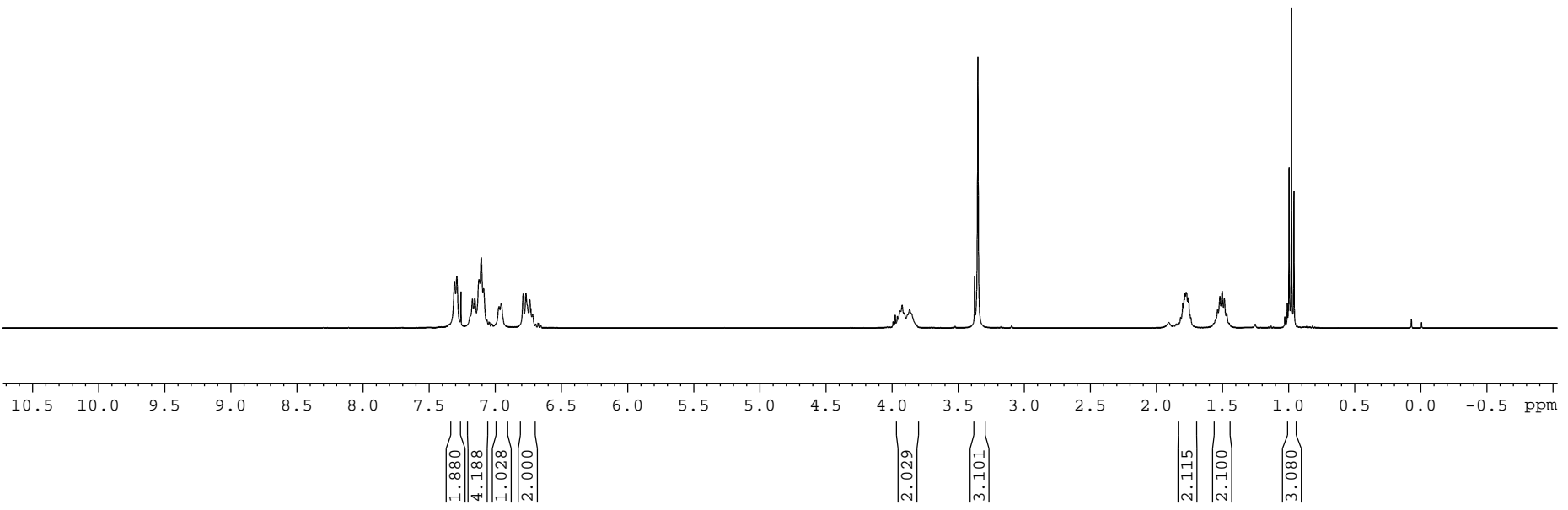
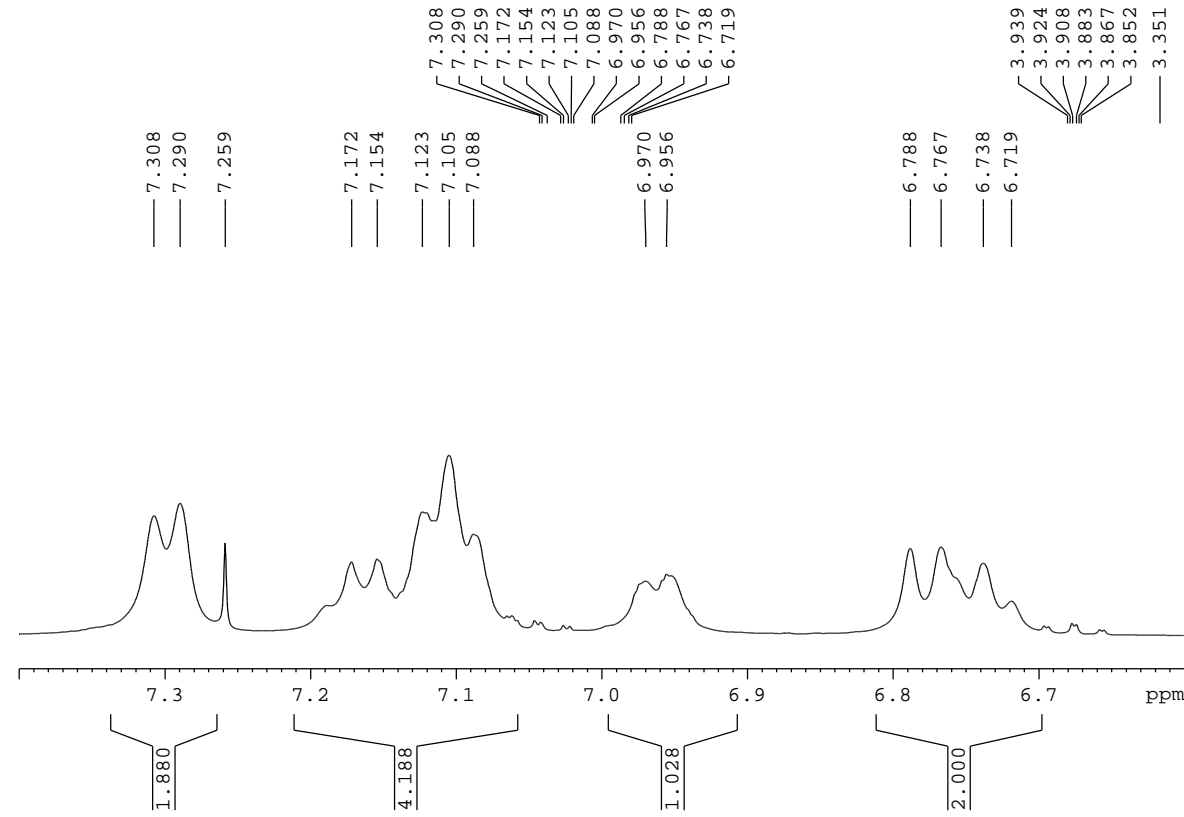
Current Data Parameters
 NAME syh-7-205-hplc-c
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150524
 Time 8.05
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 1024
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 301.1 K
 D1 2.00000000 sec
 D11 0.03000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 usec
 PLW1 50.00299835 W
 SFO1 100.6228293 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 90.00 usec
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MHz

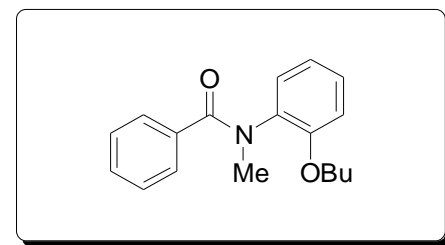
F2 - Processing parameters
 SI 32768
 SF 100.6126277 MHz
 HDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

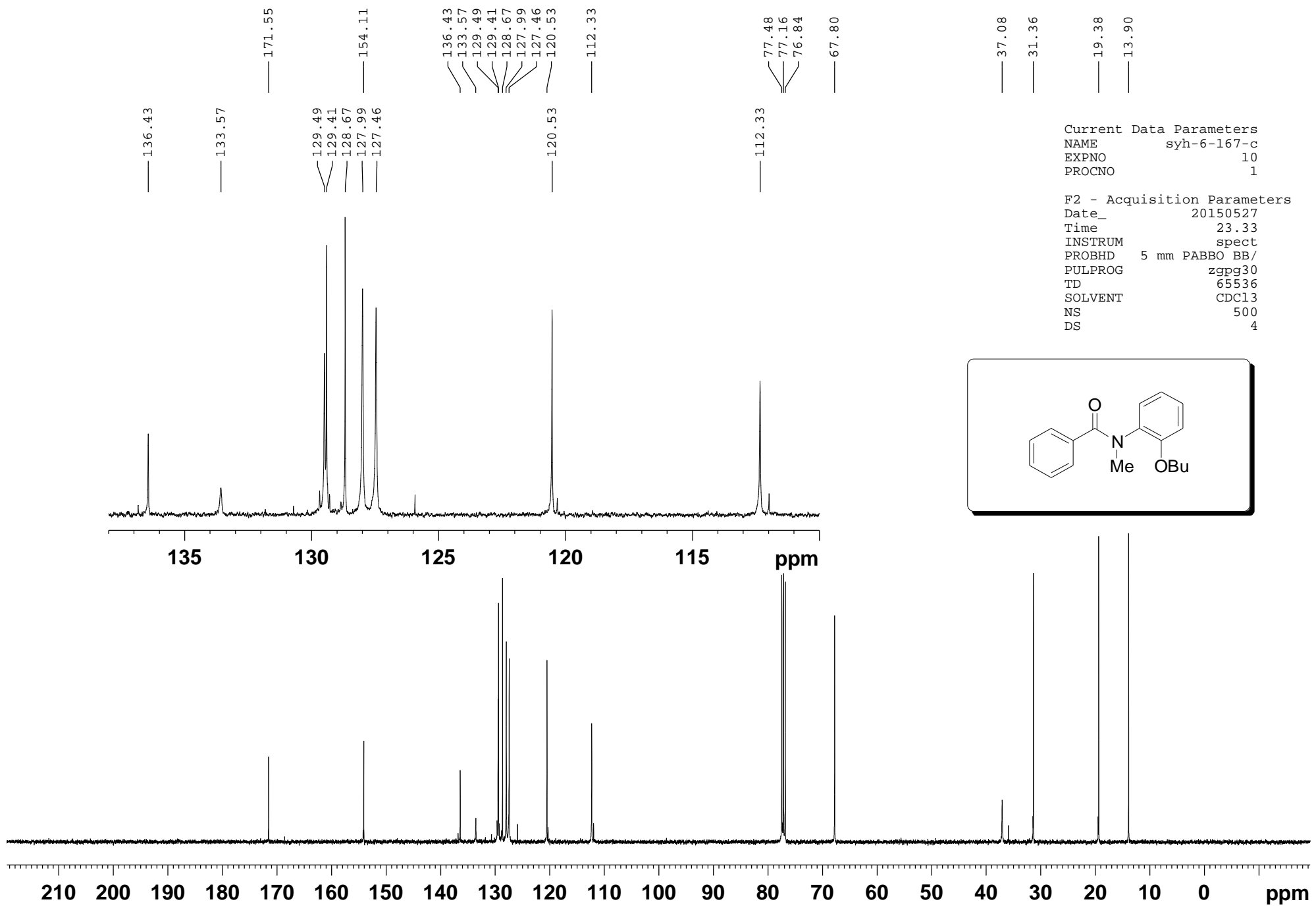


1.817
1.801
1.791
1.784
1.775
1.762
1.755
1.746
1.739
1.538
1.520
1.503
1.486
1.468
0.997
0.979
0.960

Current Data Parameters
 NAME syh-6-167-p
 EXPNO 10
 PROCNO 1

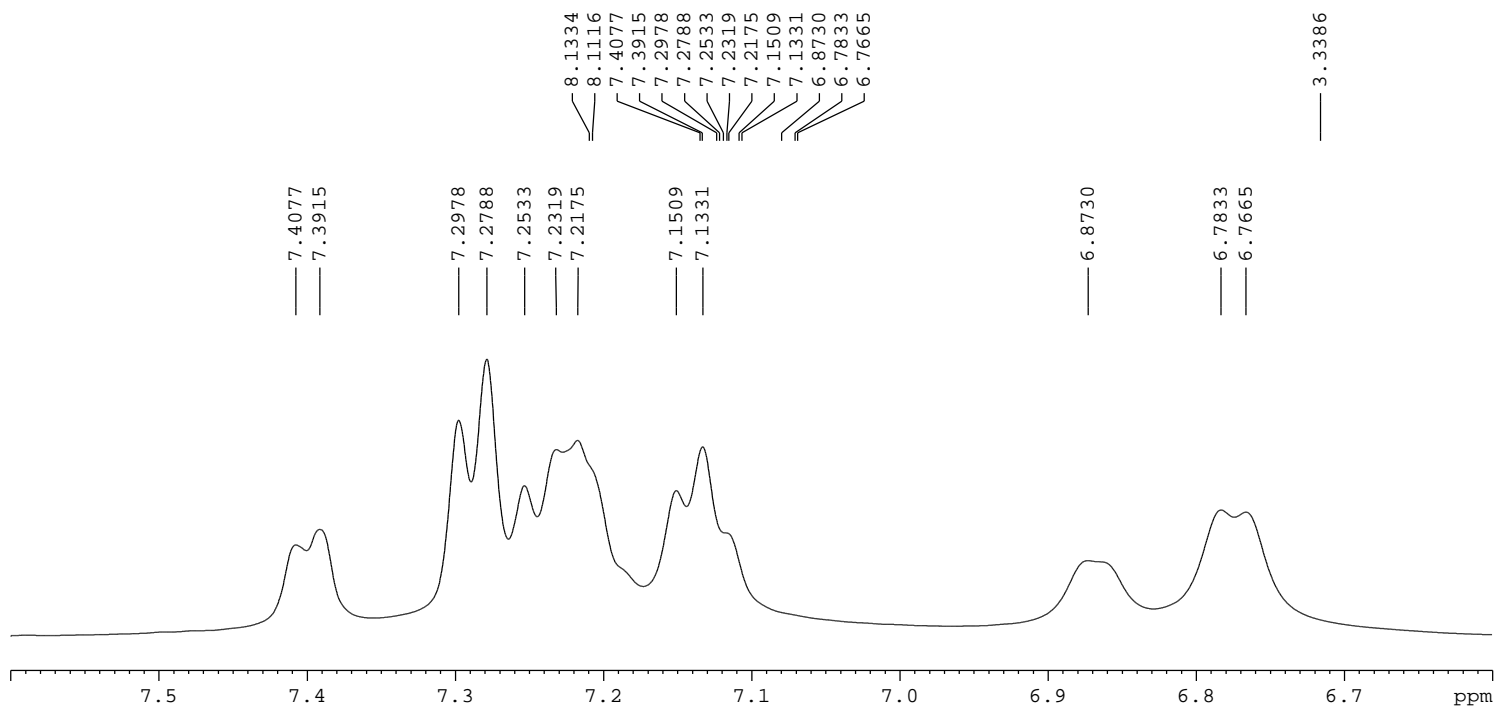
F2 - Acquisition Parameters
 Date_ 20150526
 Time 21.54
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT CDC13





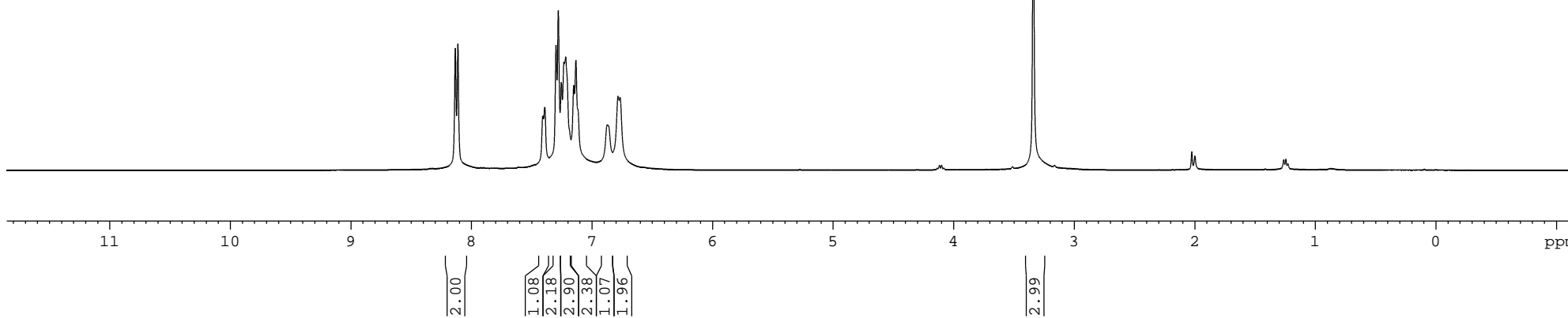
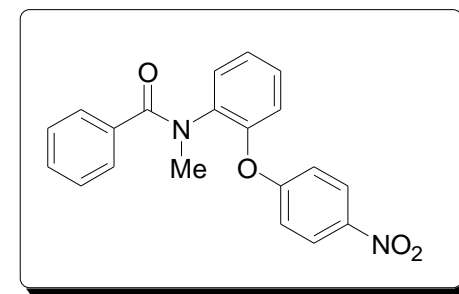
Current Data Parameters
 NAME syh-6-167-c
 EXPNO 10
 PROCNO 1

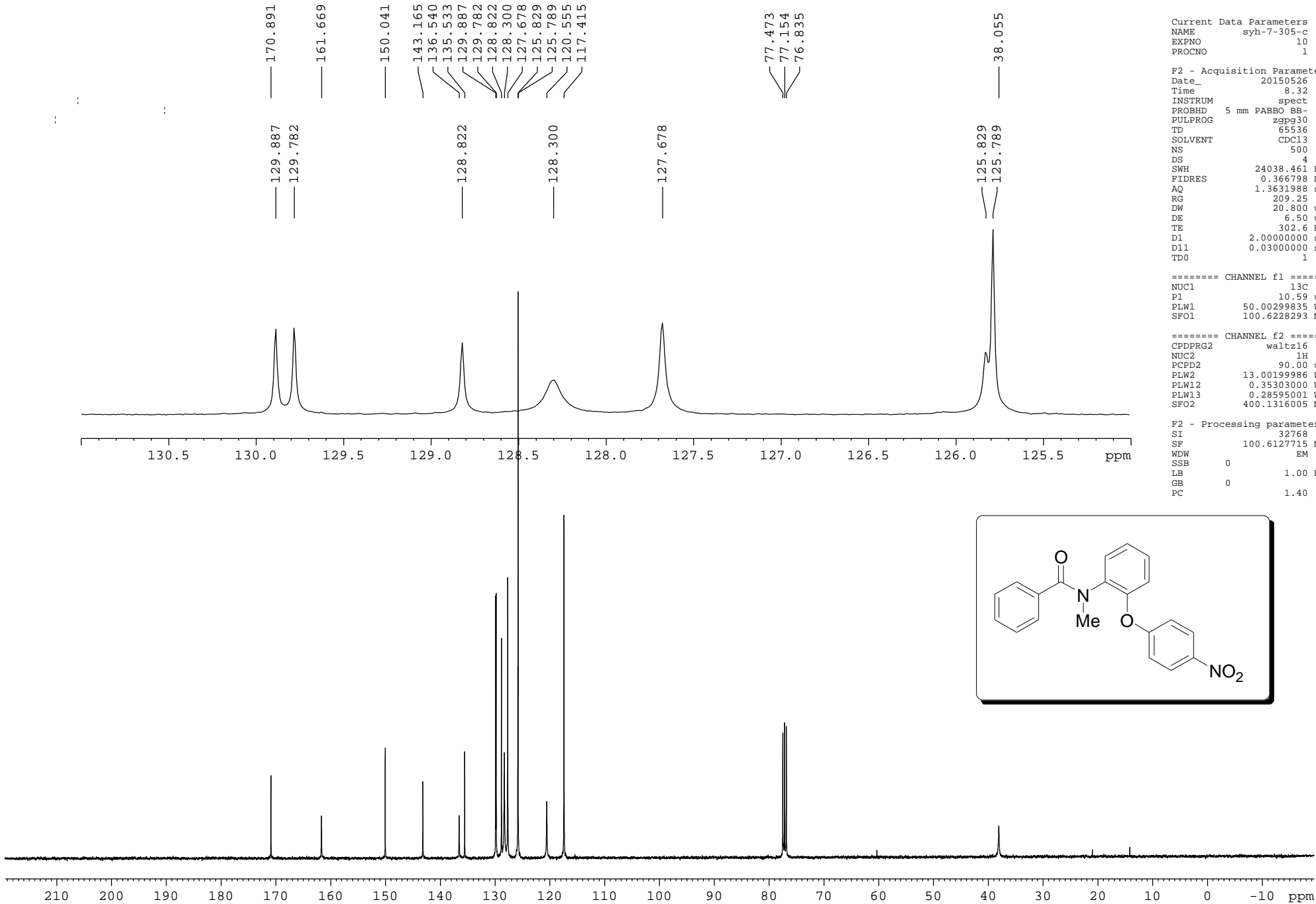
F2 - Acquisition Parameters
 Date_ 20150527
 Time 23.33
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 500
 DS 4



Current Data Parameters
 NAME syh-7-305
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150525
 Time 21.33
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3





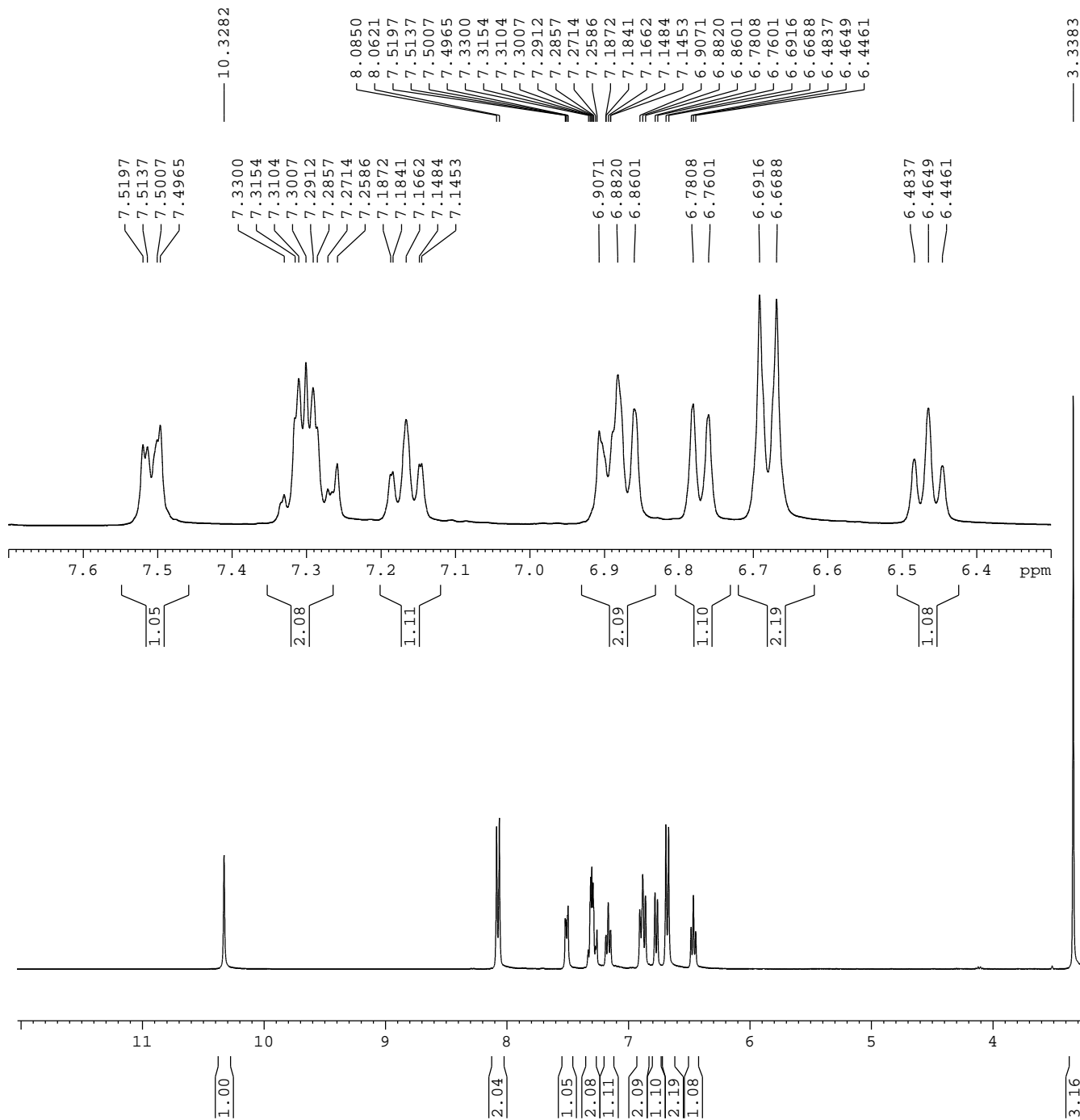
Current Data Parameters
NAME syh-7-305-c
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20150526
Time 8.32
INSTRUM spect
PROBHD 5 mm PABBO BB-
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 500
DS 4
SWH 24038.461 Hz
FIDRES 0.366798 Hz
AQ 1.3631988 se
RG 209.25
DW 20.800 us
DE 6.50 us
TE 302.6 K
D1 2.00000000 se
D11 0.03000000 se
TD0 1

==== CHANNEL f1 =====
NUC1 13C
P1 10.59 us
PLW1 50.00299835 W
SFO1 100.6228293 MH

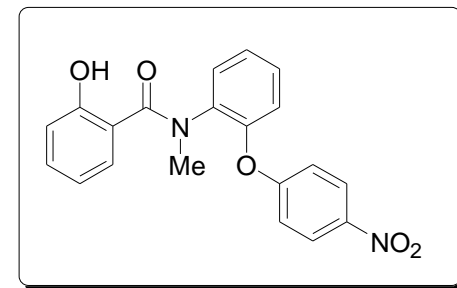
==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 90.00 us
PLW12 13.00199986 W
PLW13 0.35303000 W
SFO2 400.1316005 MH

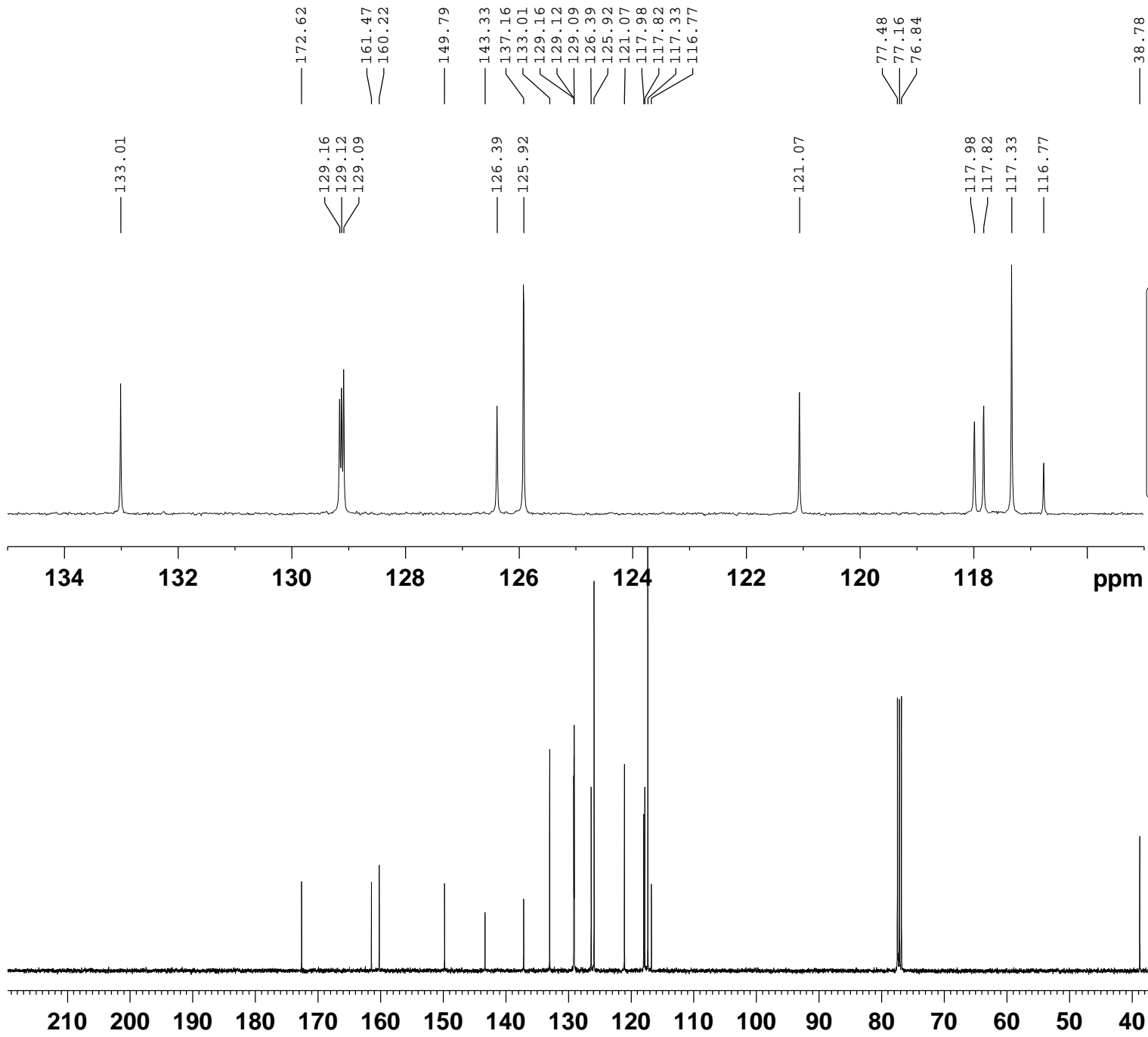
F2 - Processing parameters
SI 32768
SF 100.6127715 MH
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40



Current Data Parameters
 NAME syh-8-5-p
 EXPNO 10
 PROCNO 1

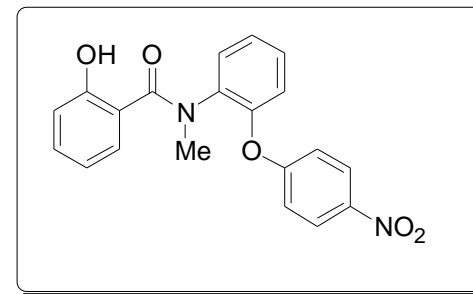
F2 - Acquisition Parameters
 Date_ 20150527
 Time 21.36
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3

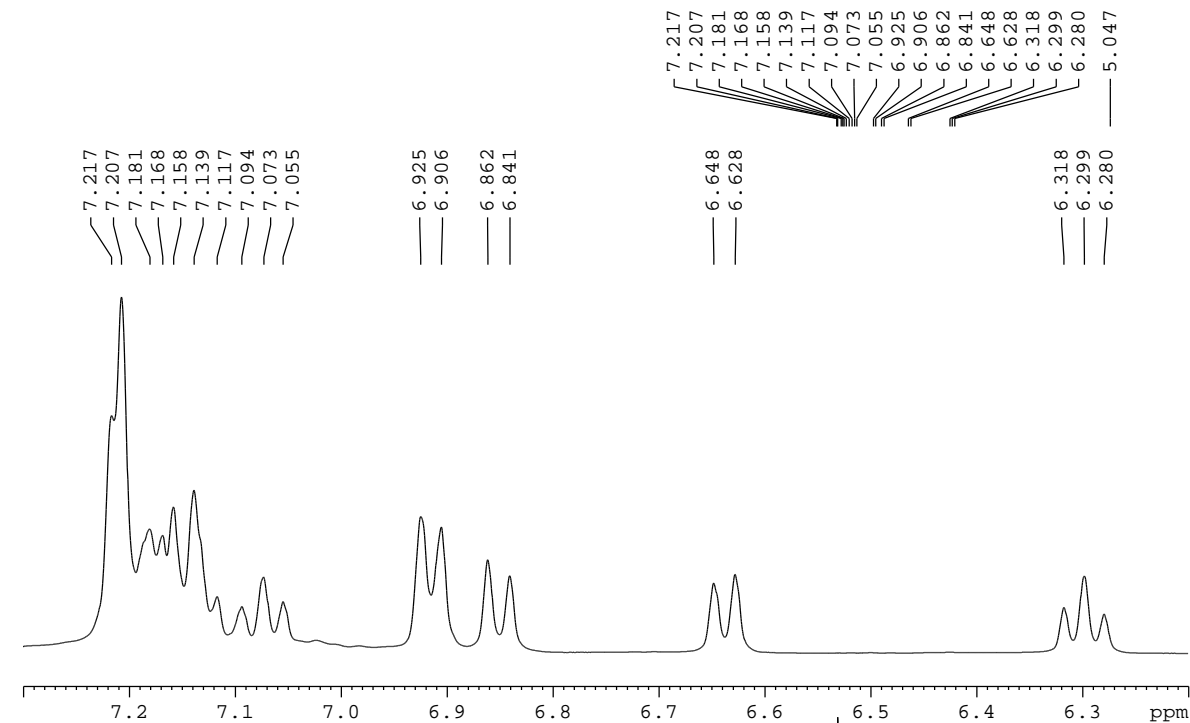




Current Data Parameters
 NAME syh-8-5-c
 EXPNO 20
 PROCNO 1

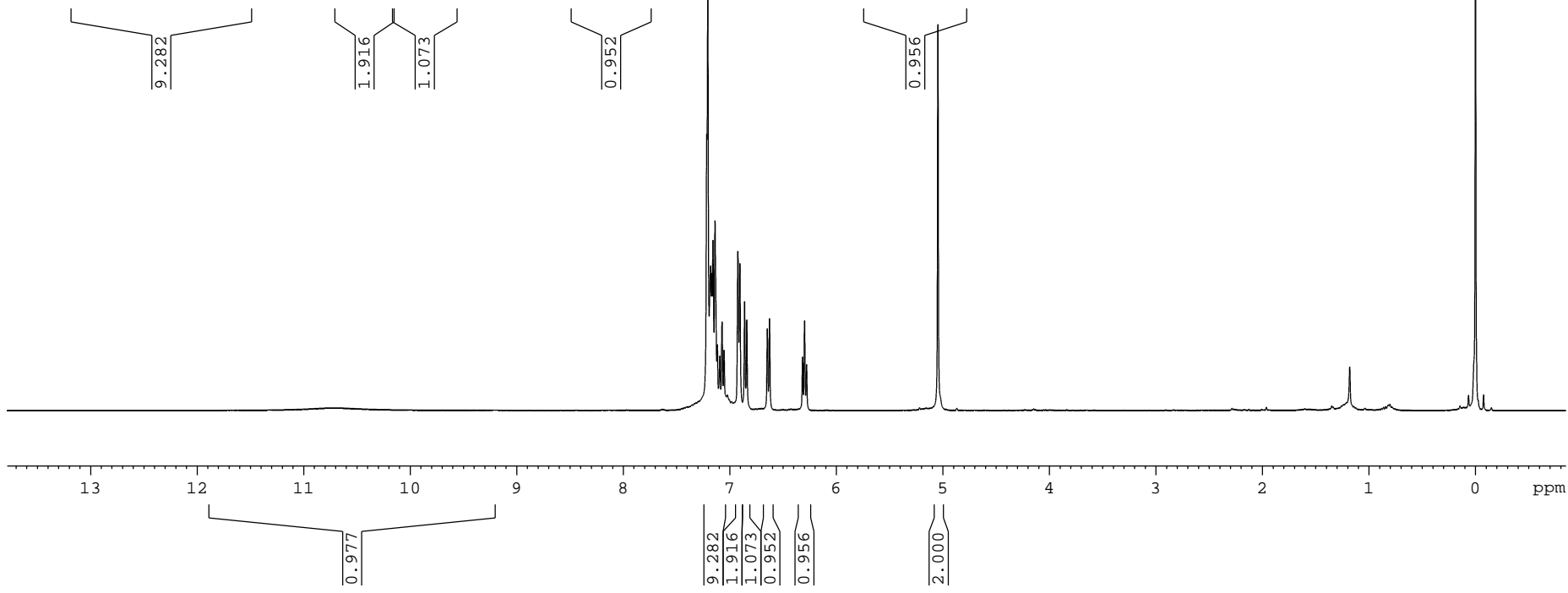
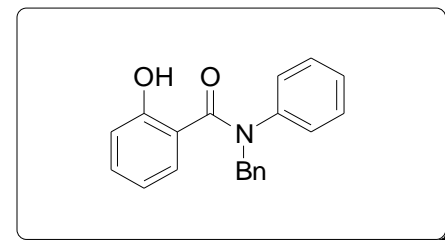
F2 - Acquisition Parameters
 Date_ 20150527
 Time 23.59
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536

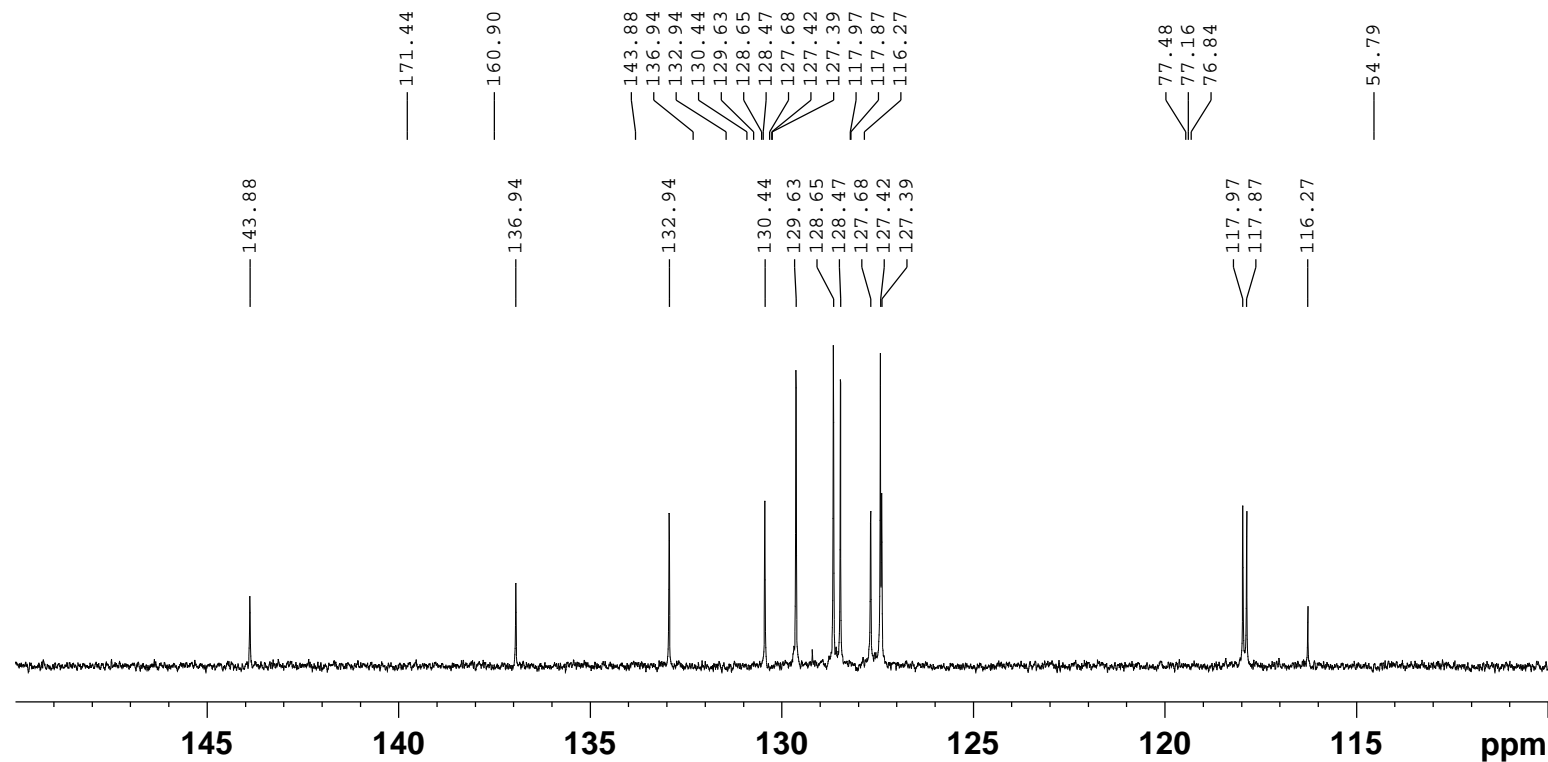




Current Data Parameters
 NAME syh-6-255
 EXPNO 10
 PROCNO 1

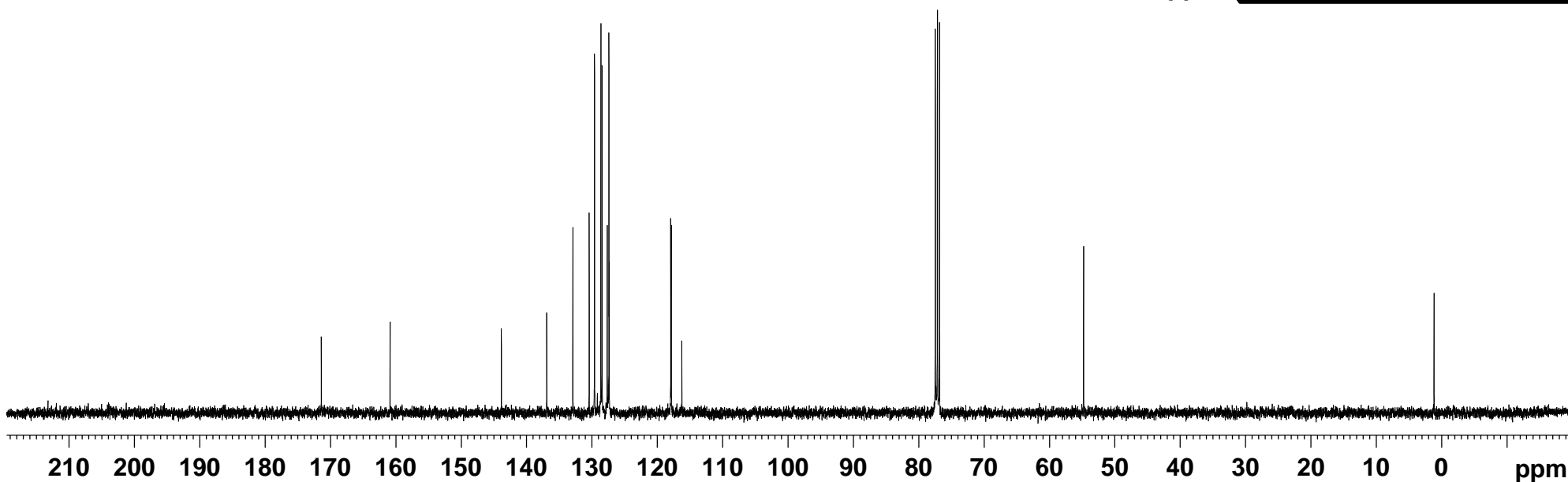
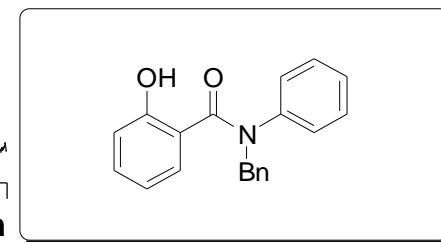
F2 - Acquisition Parameters
 Date_ 20141213
 Time 16.59
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3

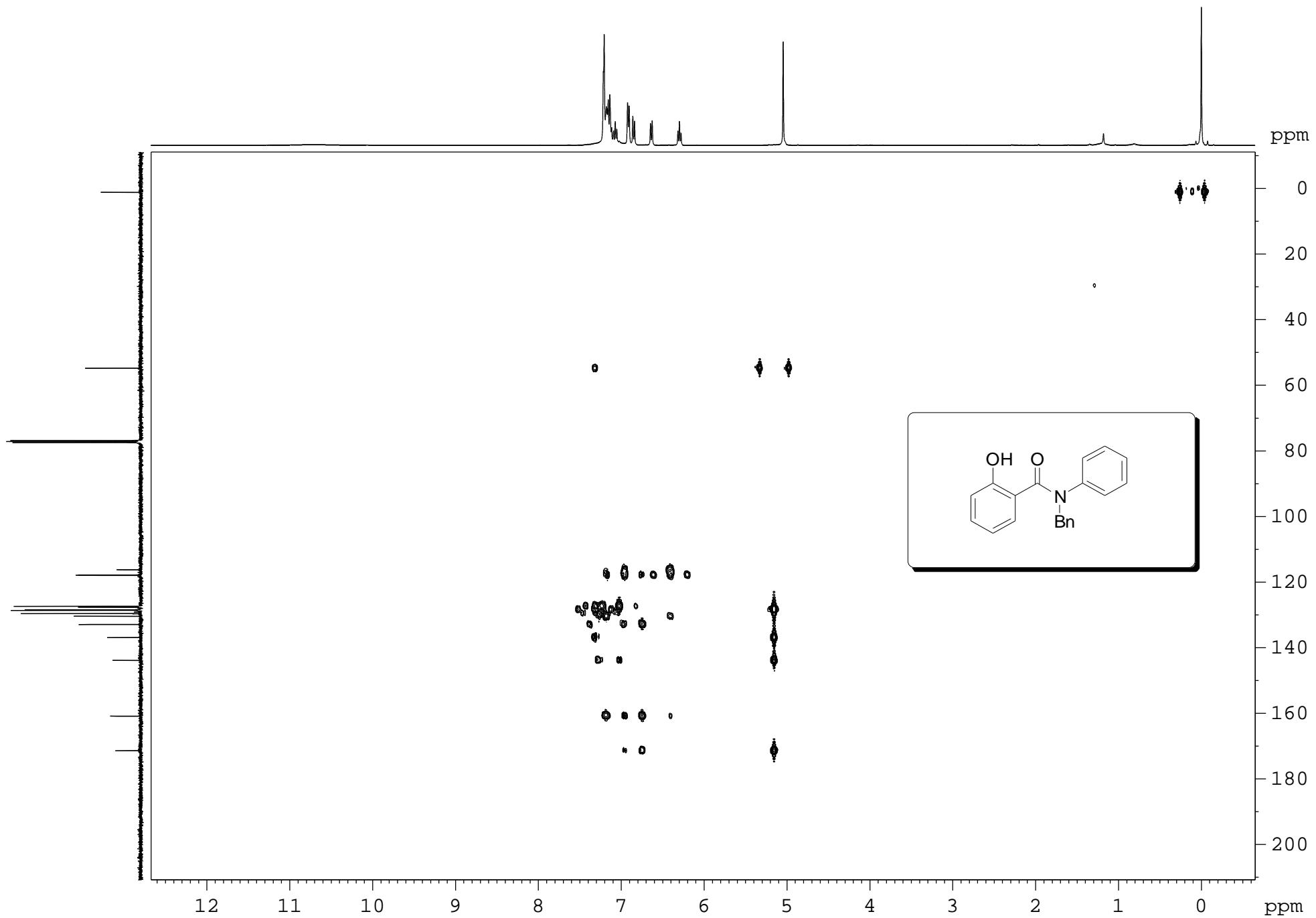


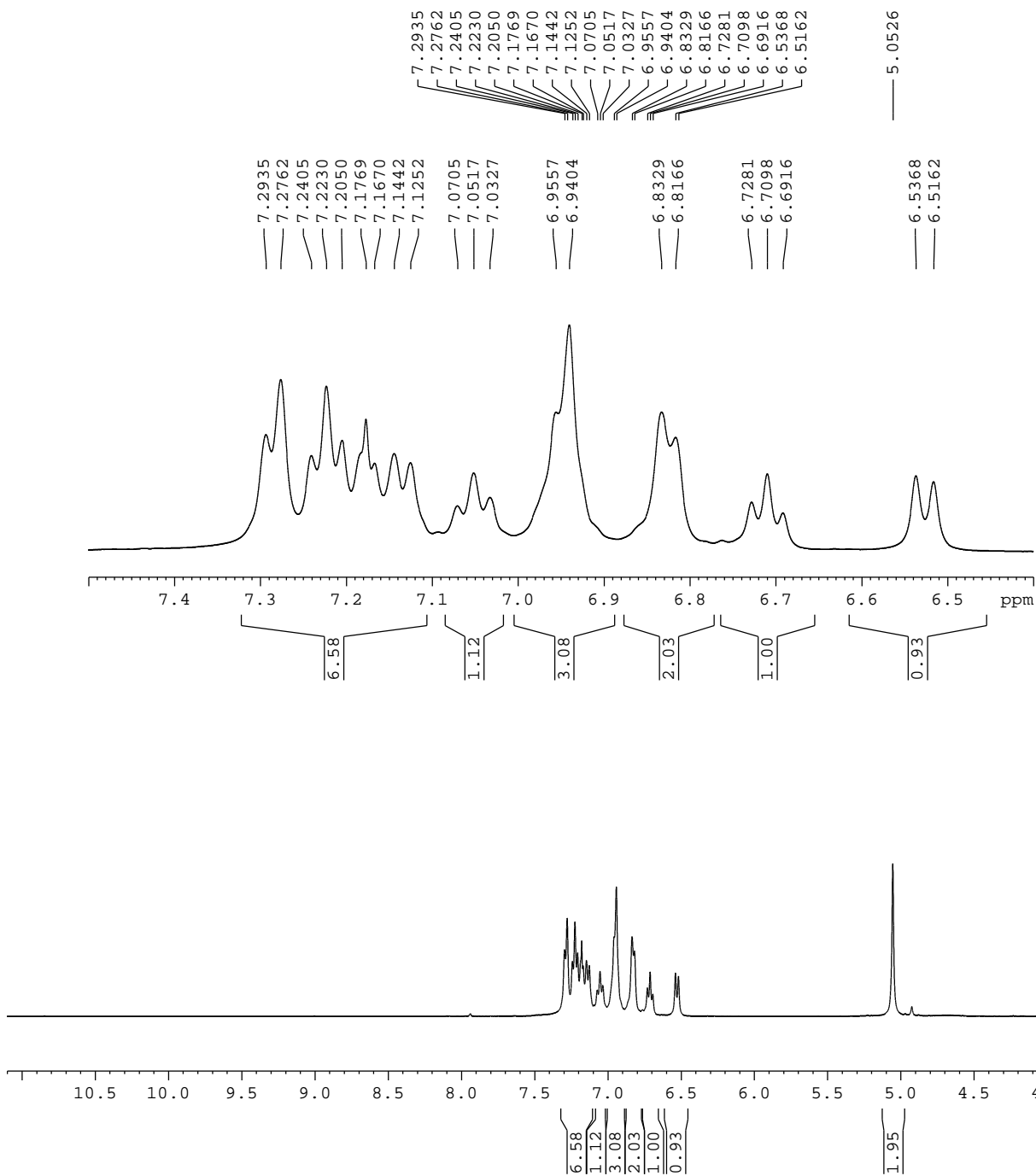


Current Data Parameters
 NAME syh-6-255-c
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141213
 Time 17.15
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 400
 DS 4

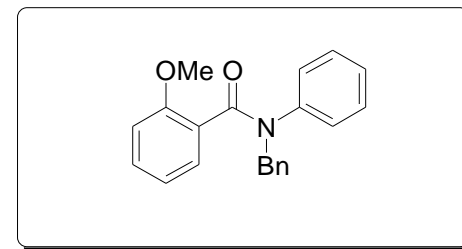


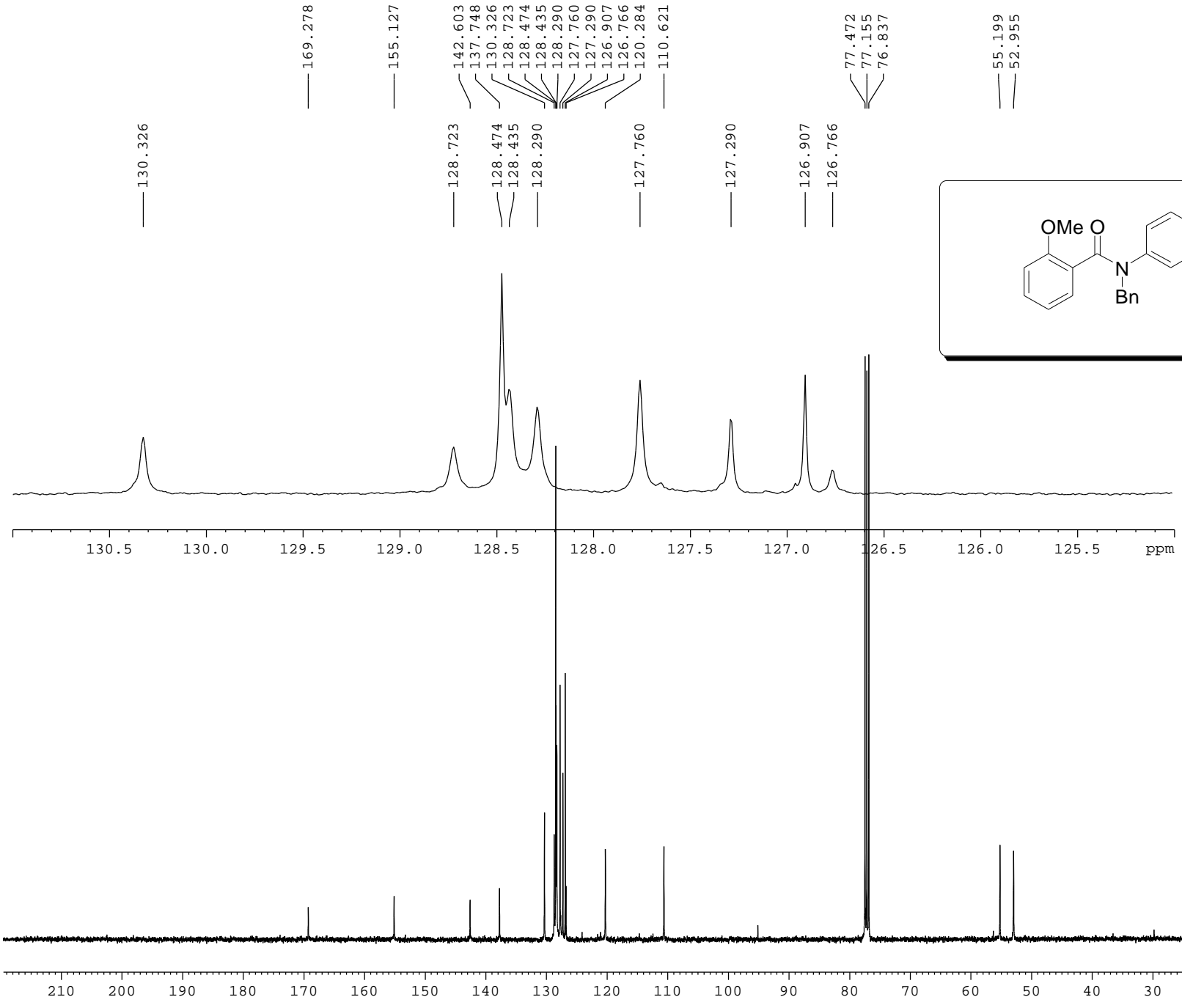
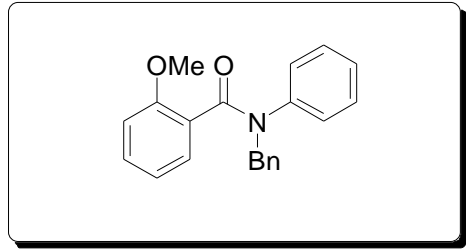




Current Data Parameters
 NAME syh-6-163
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141216
 Time 14.29
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3





Current Data Parameters
 NAME syh-6-163-c
 EXPNO 12
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20141217
 Time 1.04
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 1024
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 se
 RG 209.25
 DW 20.800 us
 DE 6.50 us
 TE 298.7 K
 D1 2.00000000 se
 D11 0.03000000 se
 TD0 1

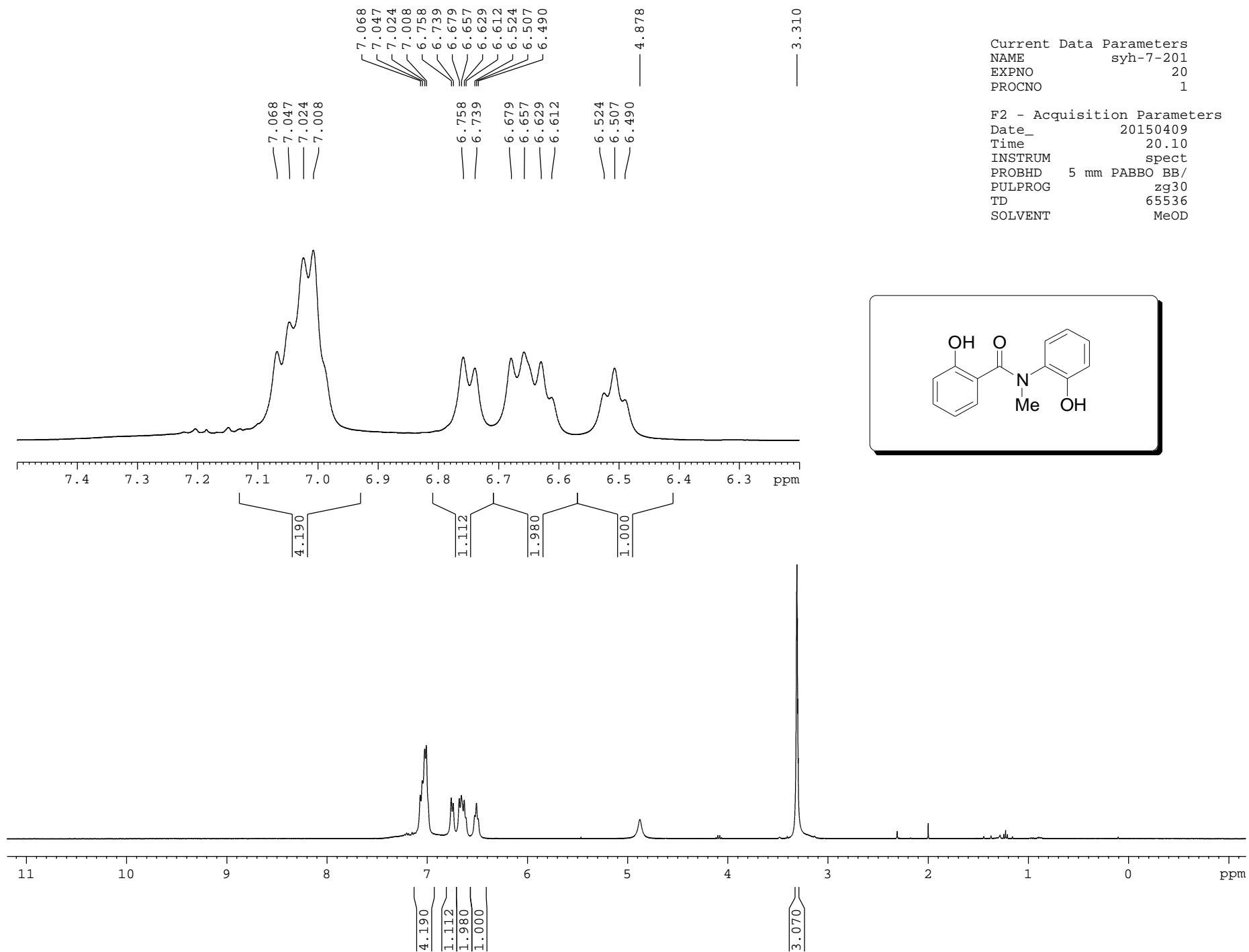
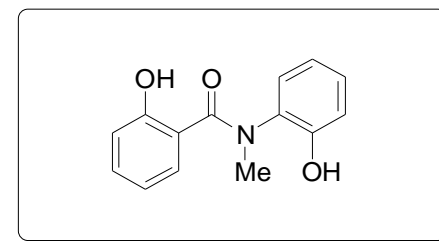
==== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 us
 PLW1 50.00299835 W
 SFO1 100.6228293 MH

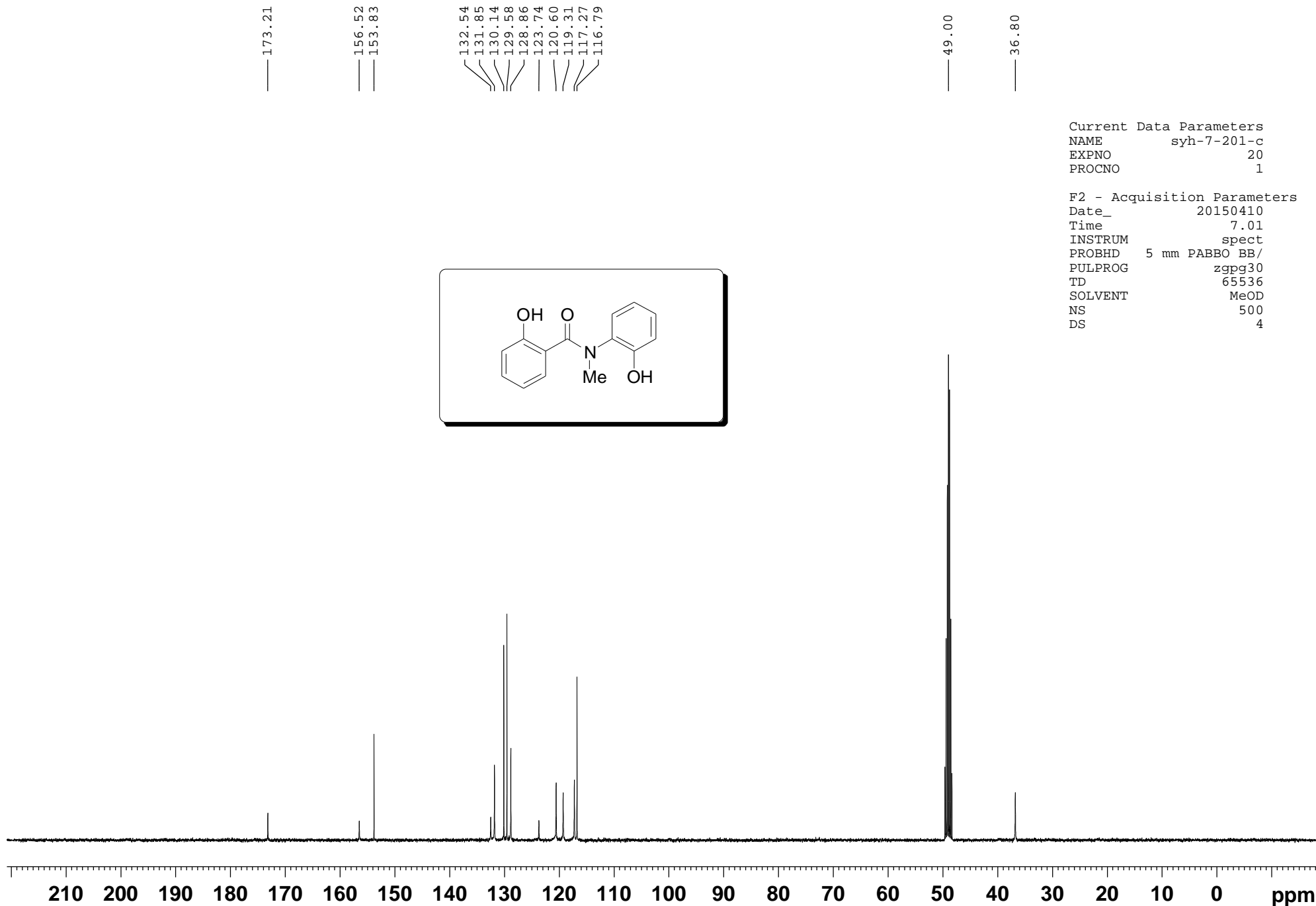
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 90.00 us
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MH

F2 - Processing parameters
 SI 32768
 SF 100.6127602 MH
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

Current Data Parameters
NAME syh-7-201
EXPNO 20
PROCNO 1

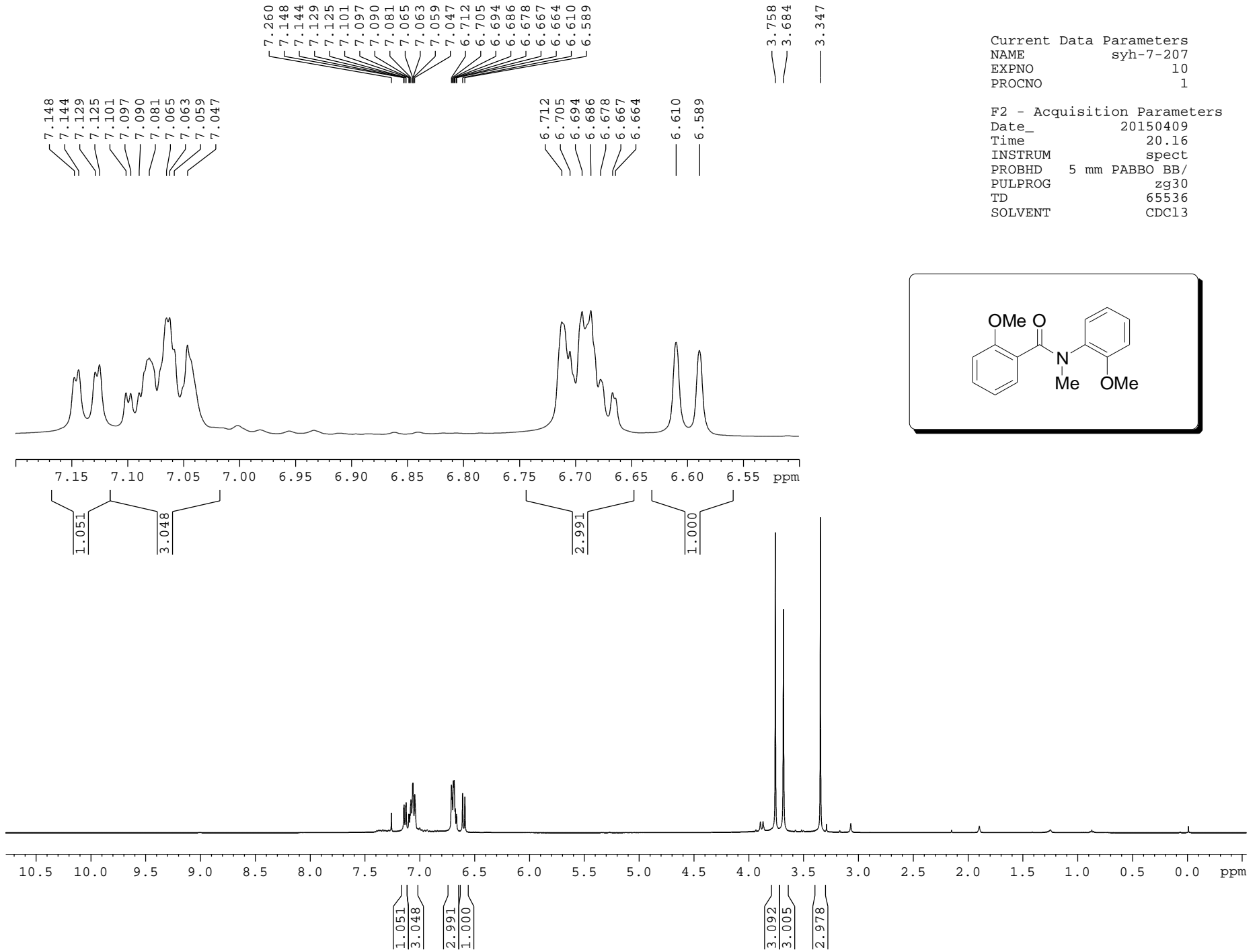
F2 - Acquisition Parameters
Date_ 20150409
Time 20.10
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT MeOD

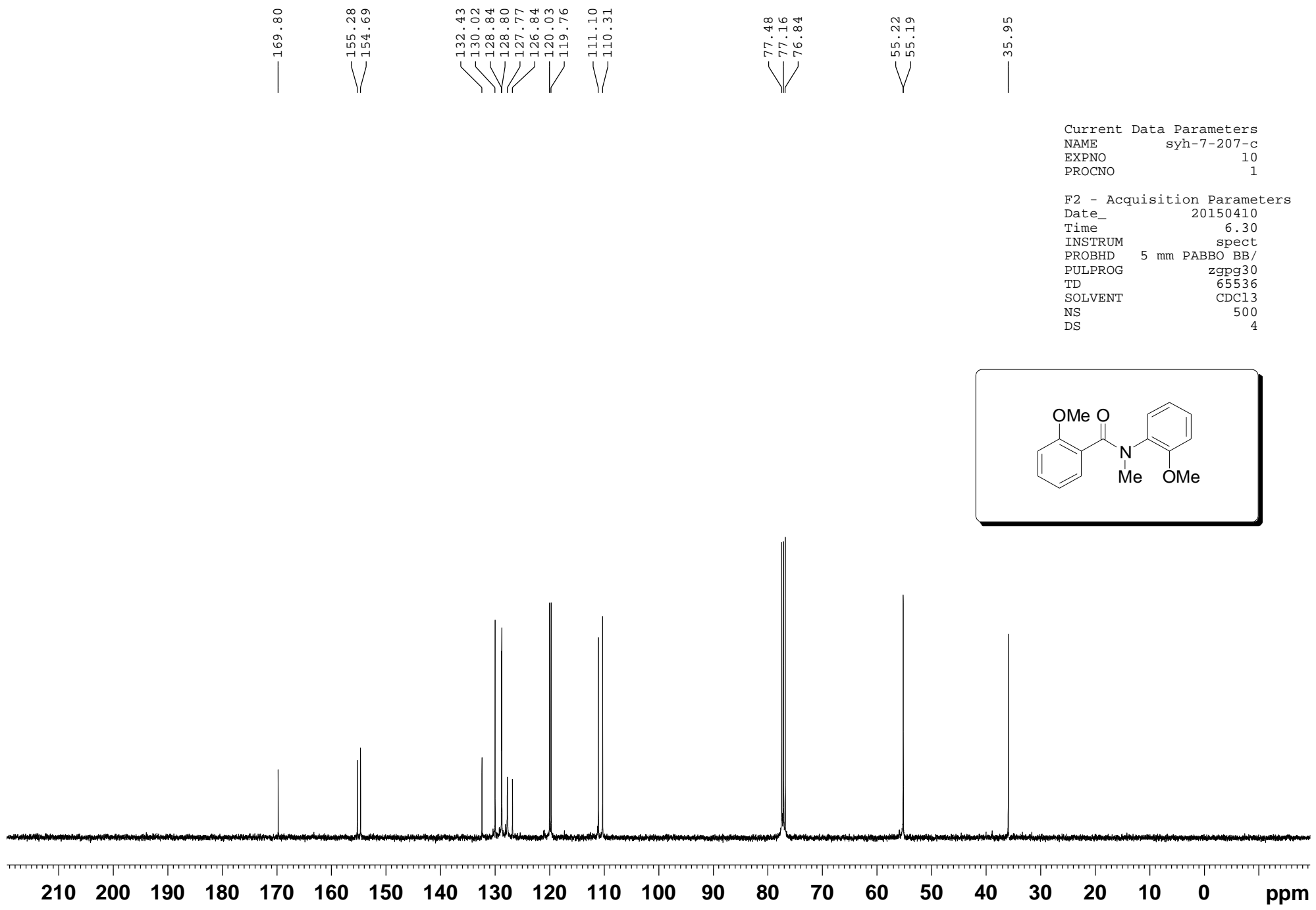




Current Data Parameters
 NAME syh-7-201-c
 EXPNO 20
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150410
 Time 7.01
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 500
 DS 4

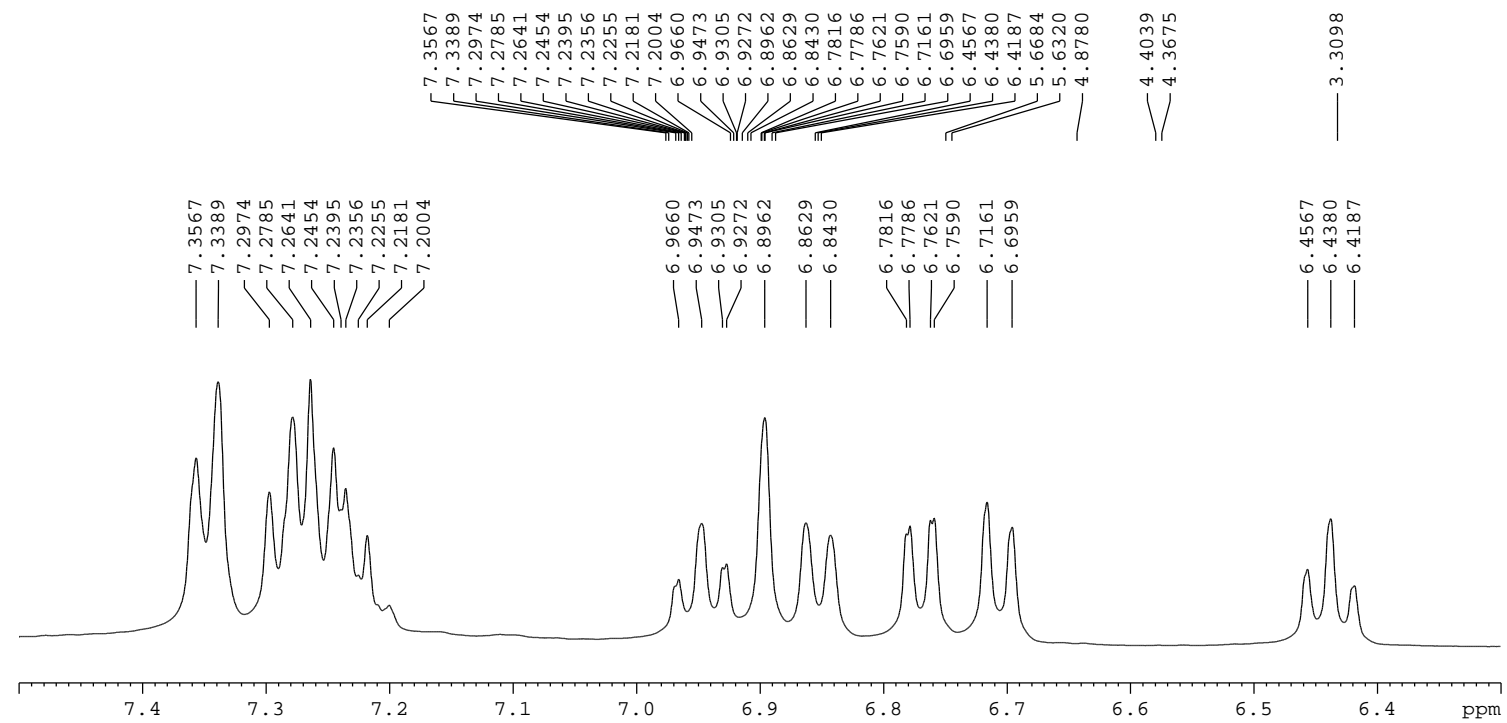




— 169.80
 < 155.28
 154.69
 < 132.43
 130.02
 128.84
 128.80
 127.77
 126.84
 120.03
 119.76
 < 111.10
 110.31
 < 77.48
 77.16
 76.84
 < 55.22
 55.19
 — 35.95

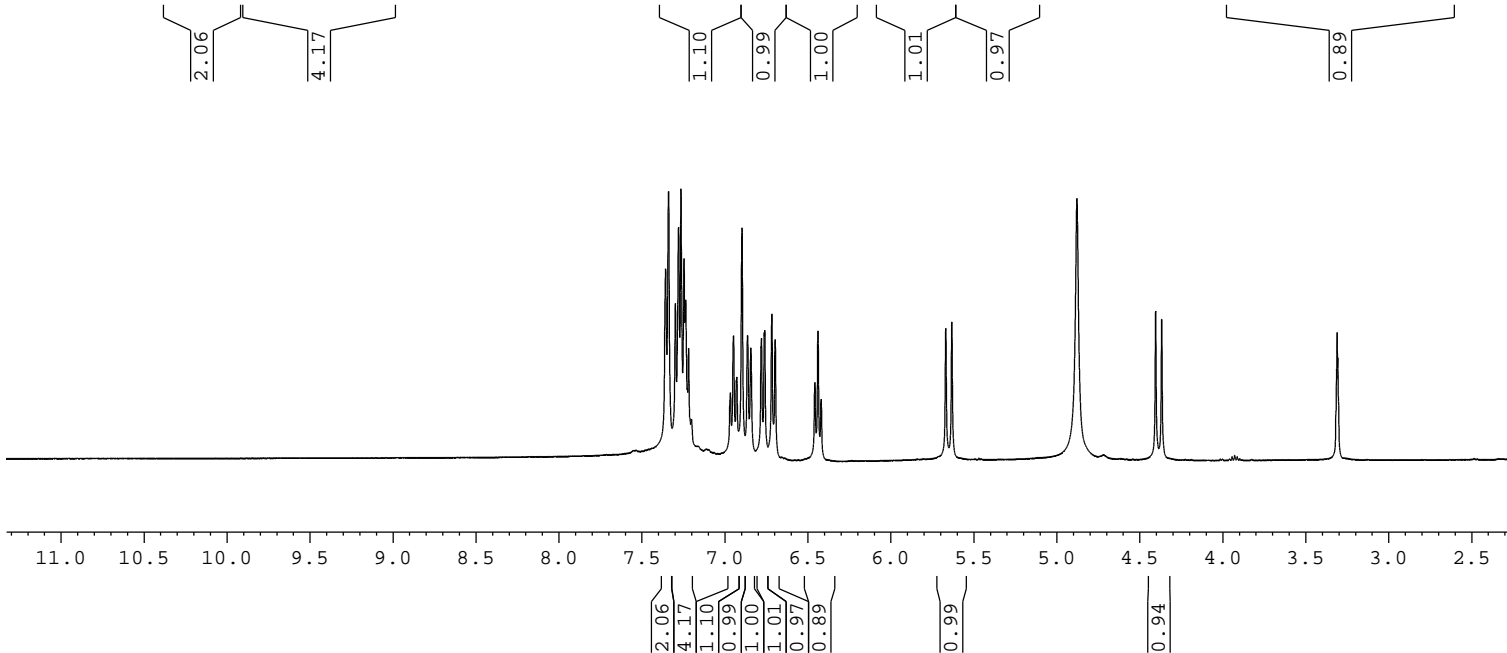
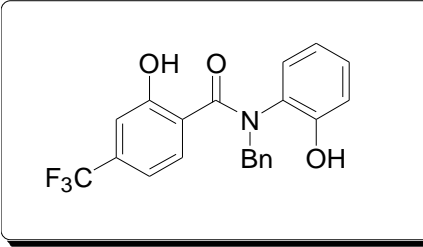
Current Data Parameters
 NAME syh-7-207-c
 EXPNO 10
 PROCNO 1

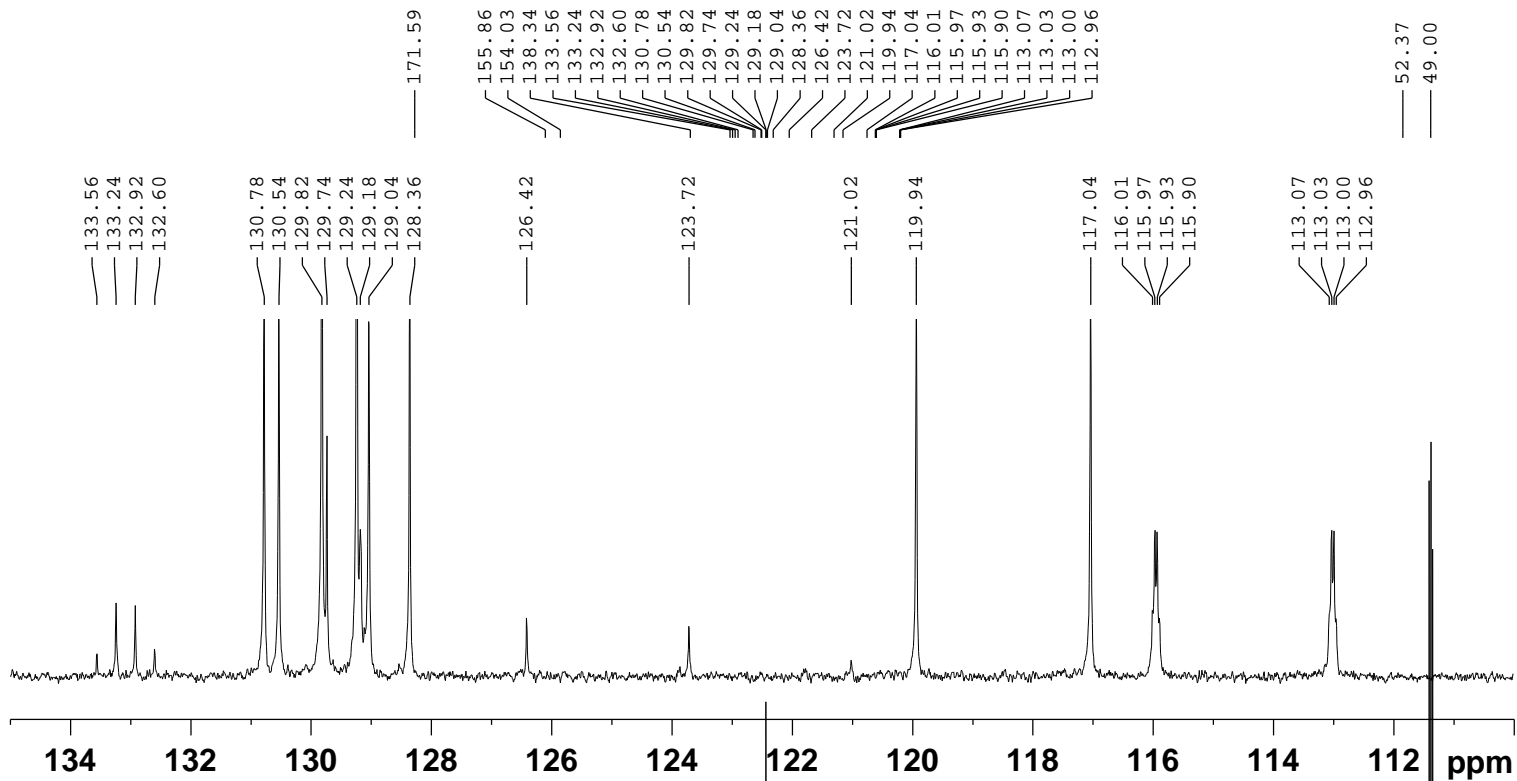
F2 - Acquisition Parameters
 Date_ 20150410
 Time 6.30
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 500
 DS 4



Current Data Parameters
 NAME syh-7-261-hplc-p
 EXPNO 10
 PROCNO 1

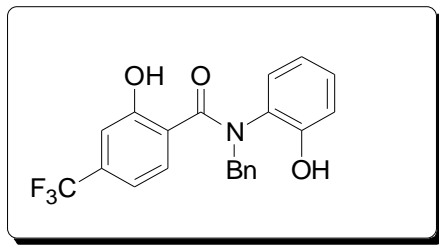
F2 - Acquisition Parameters
 Date_ 20150519
 Time 22.49
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT MeOD



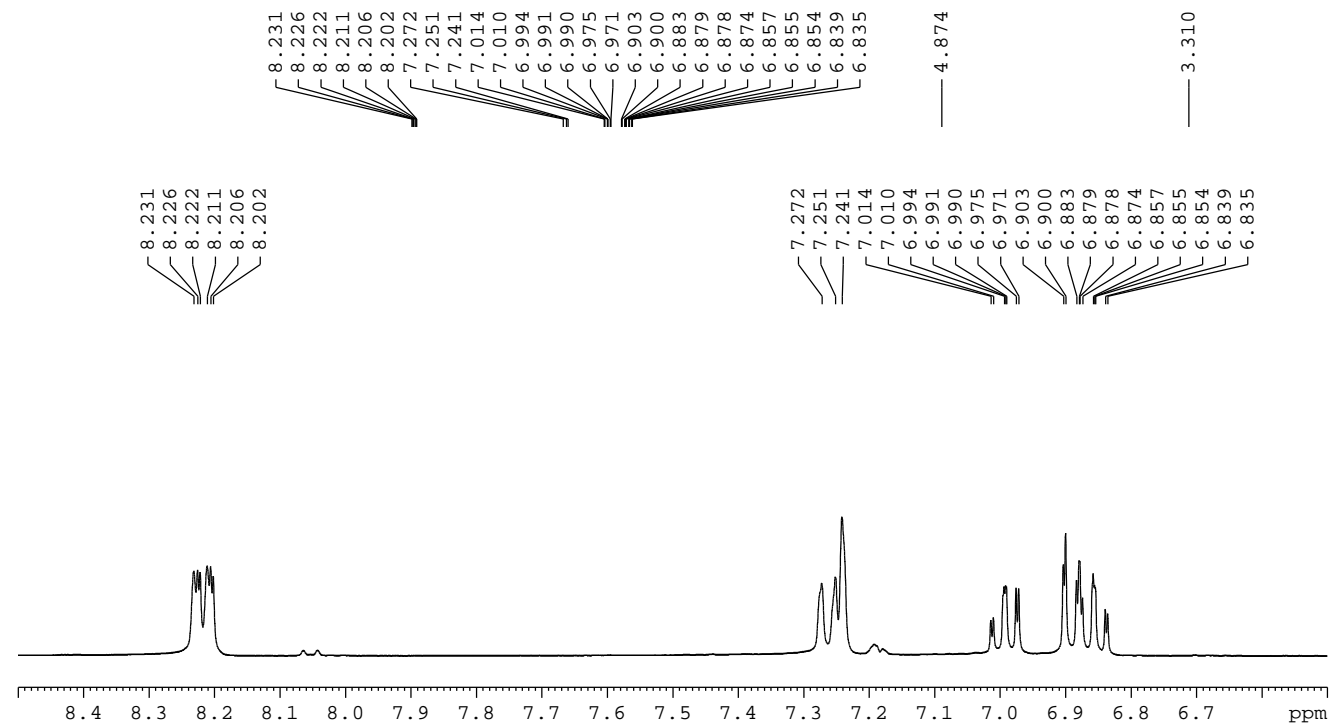


Current Data Parameters
 NAME SYH-7-261-HPLC-C
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150521
 Time 0.01
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536

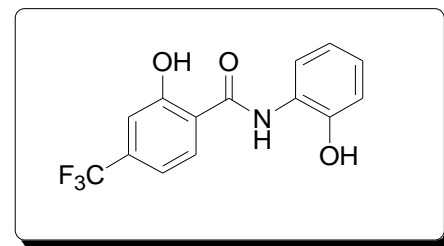
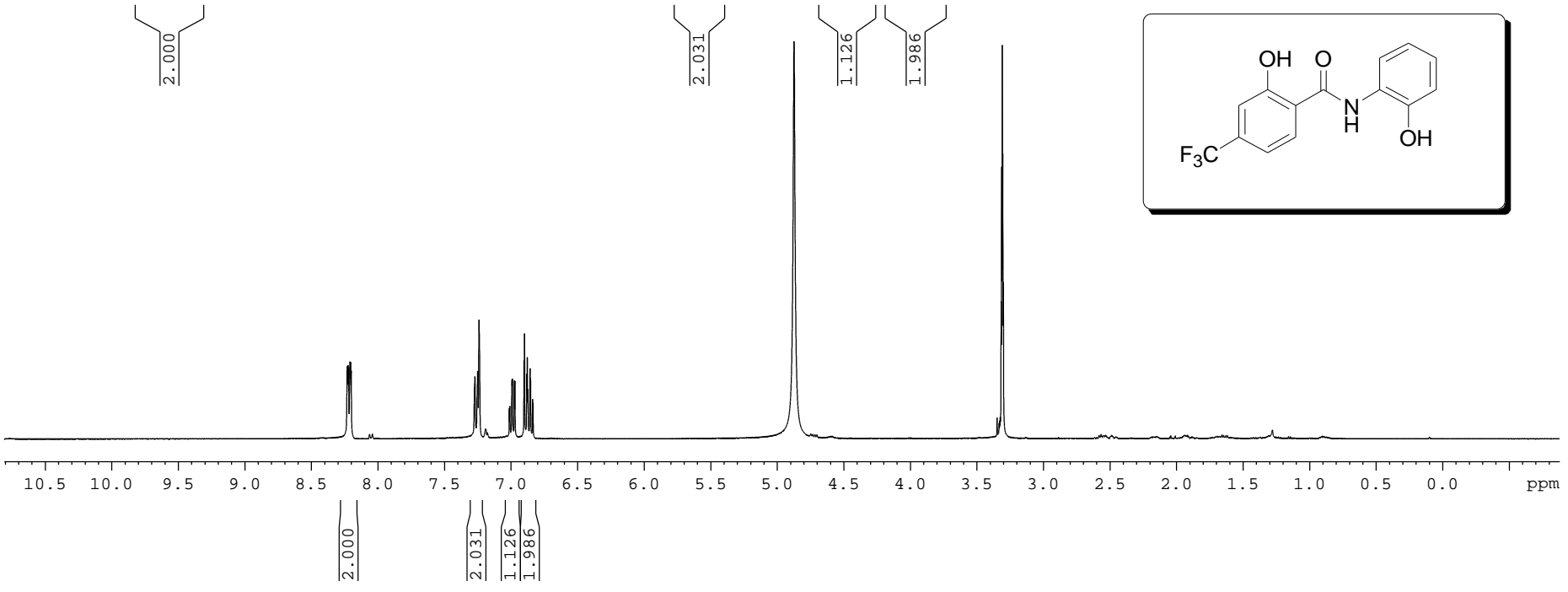


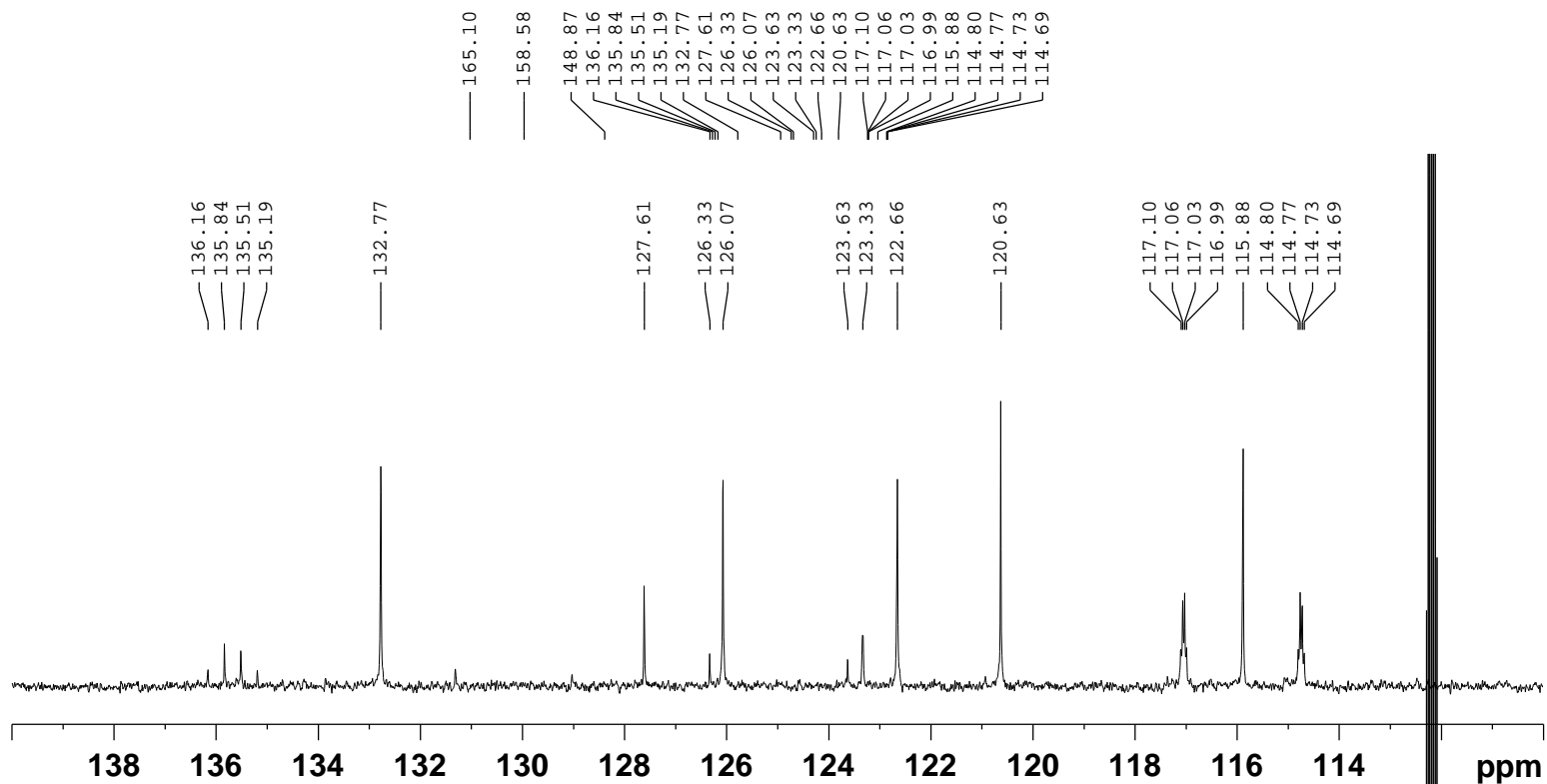
210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 ppm



Current Data Parameters
 NAME syh-7-299-hplc
 EXPNO 10
 PROCNO 1

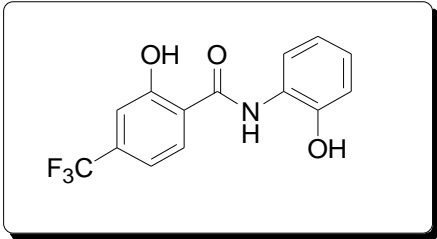
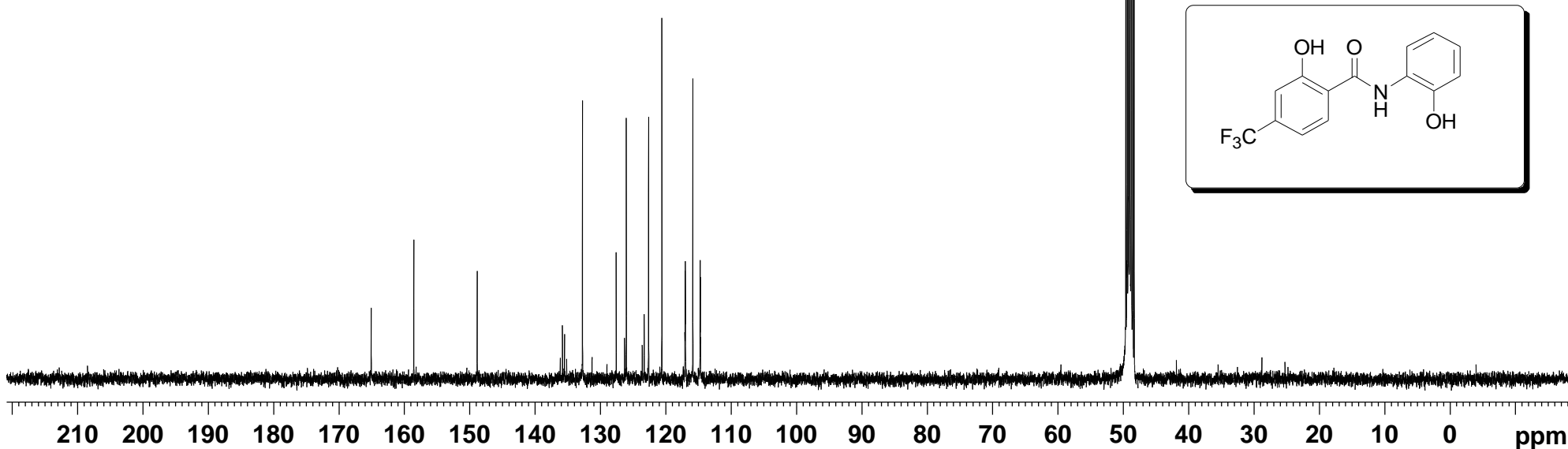
F2 - Acquisition Parameters
 Date_ 20150530
 Time 21.22
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT MeOD

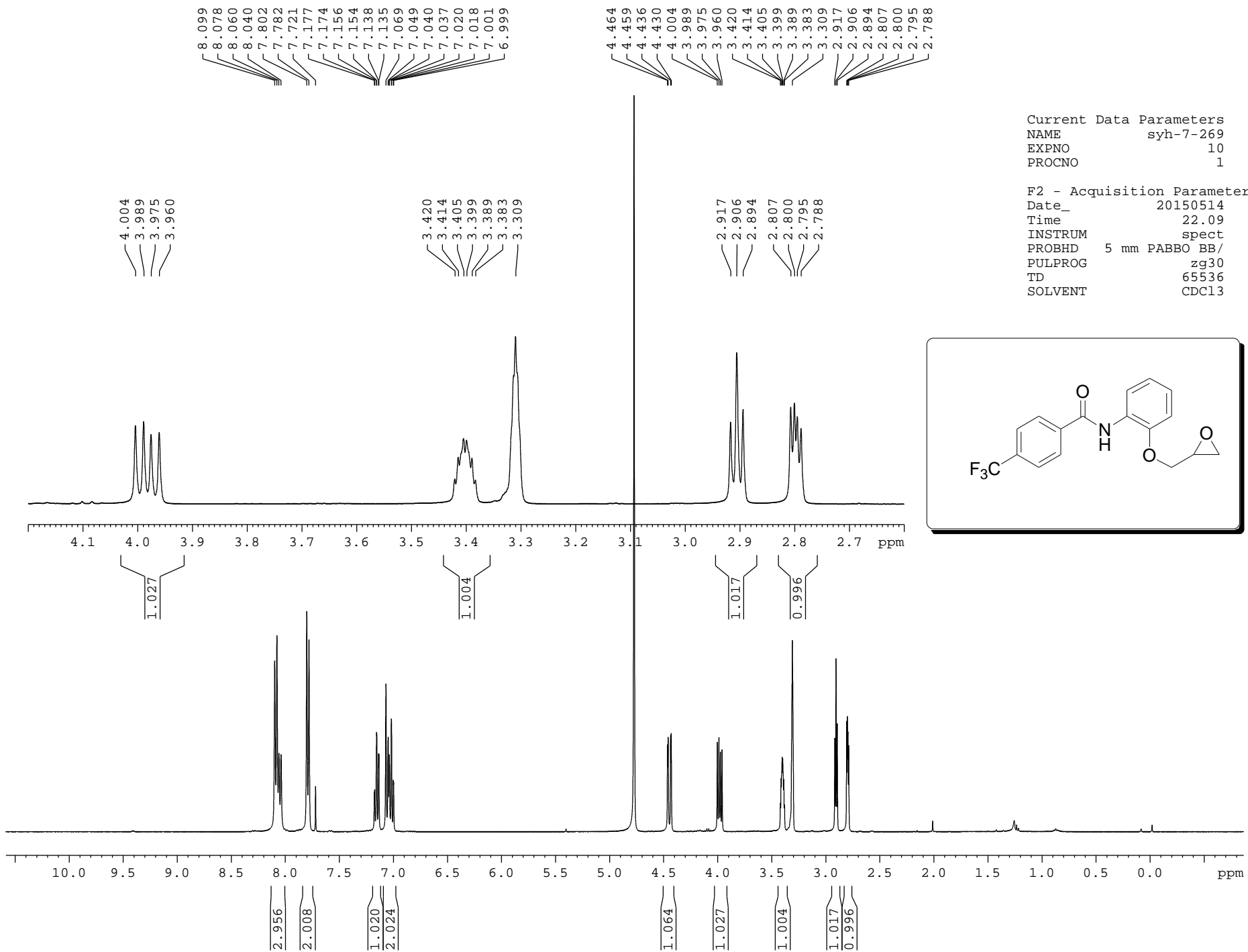




Current Data Parameters
 NAME syh-7-299-hplc-c
 EXPNO 10
 PROCNO 1

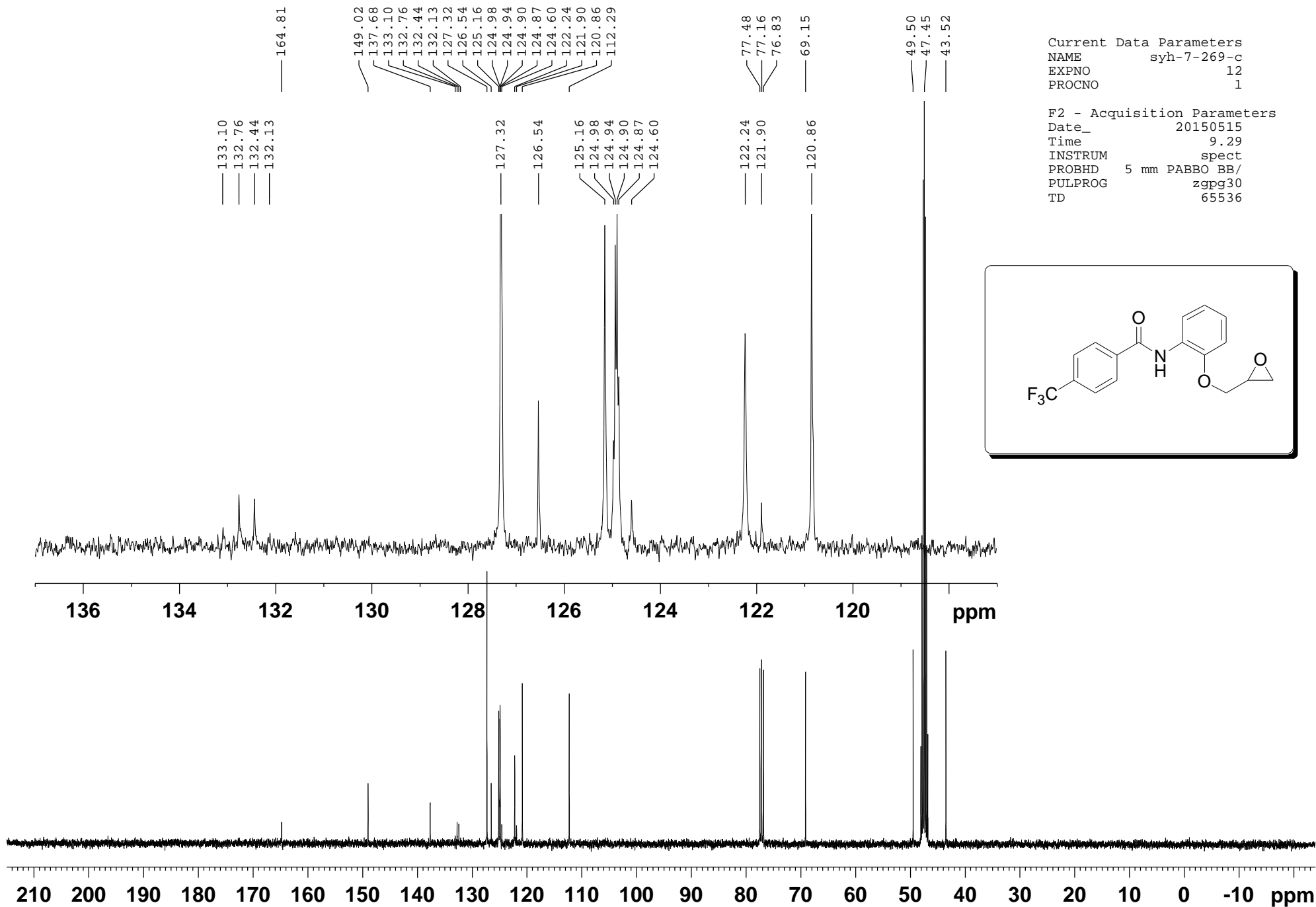
F2 - Acquisition Parameters
 Date_ 20150531
 Time 15.00
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zgpg30
 TD 65536
 SOLVENT MeOD
 NS 3100
 DS 4





Current Data Parameters
 NAME syh-7-269
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150514
 Time 22.09
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT CDC13



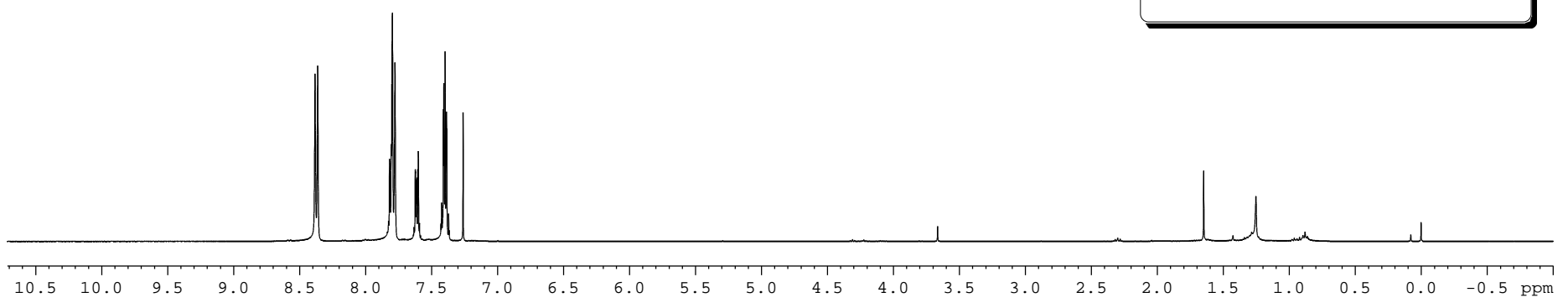
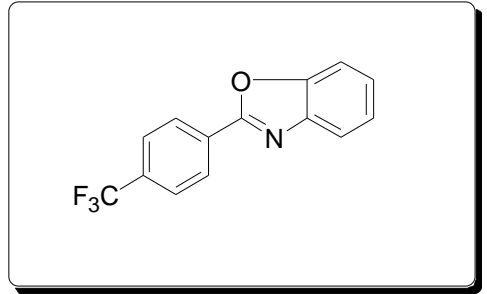
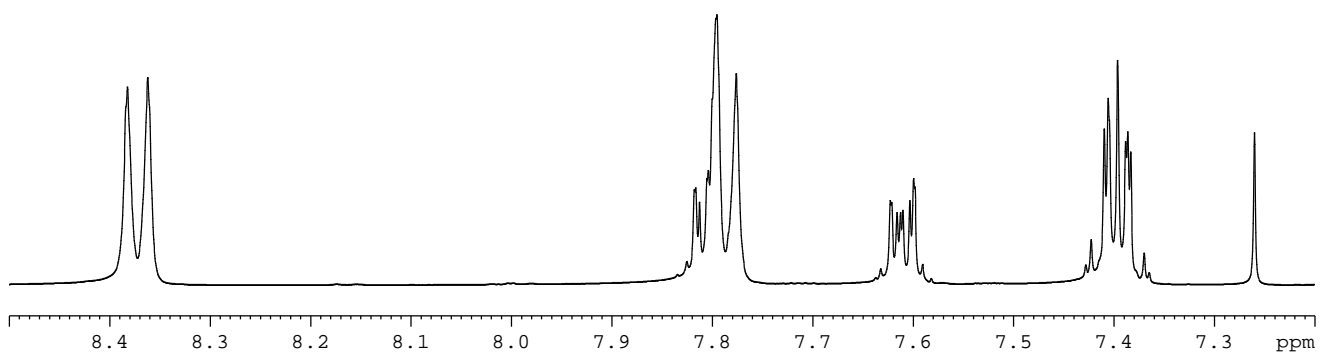
8.382
8.362
7.825
7.818
7.816
7.813
7.805
7.804
7.796
7.795
7.776
7.632
7.623
7.621
7.616
7.612
7.610
7.603
7.599
7.598
7.590
7.428
7.423
7.410
7.406
7.405
7.396
7.388
7.386
7.383
7.370
7.365
7.260

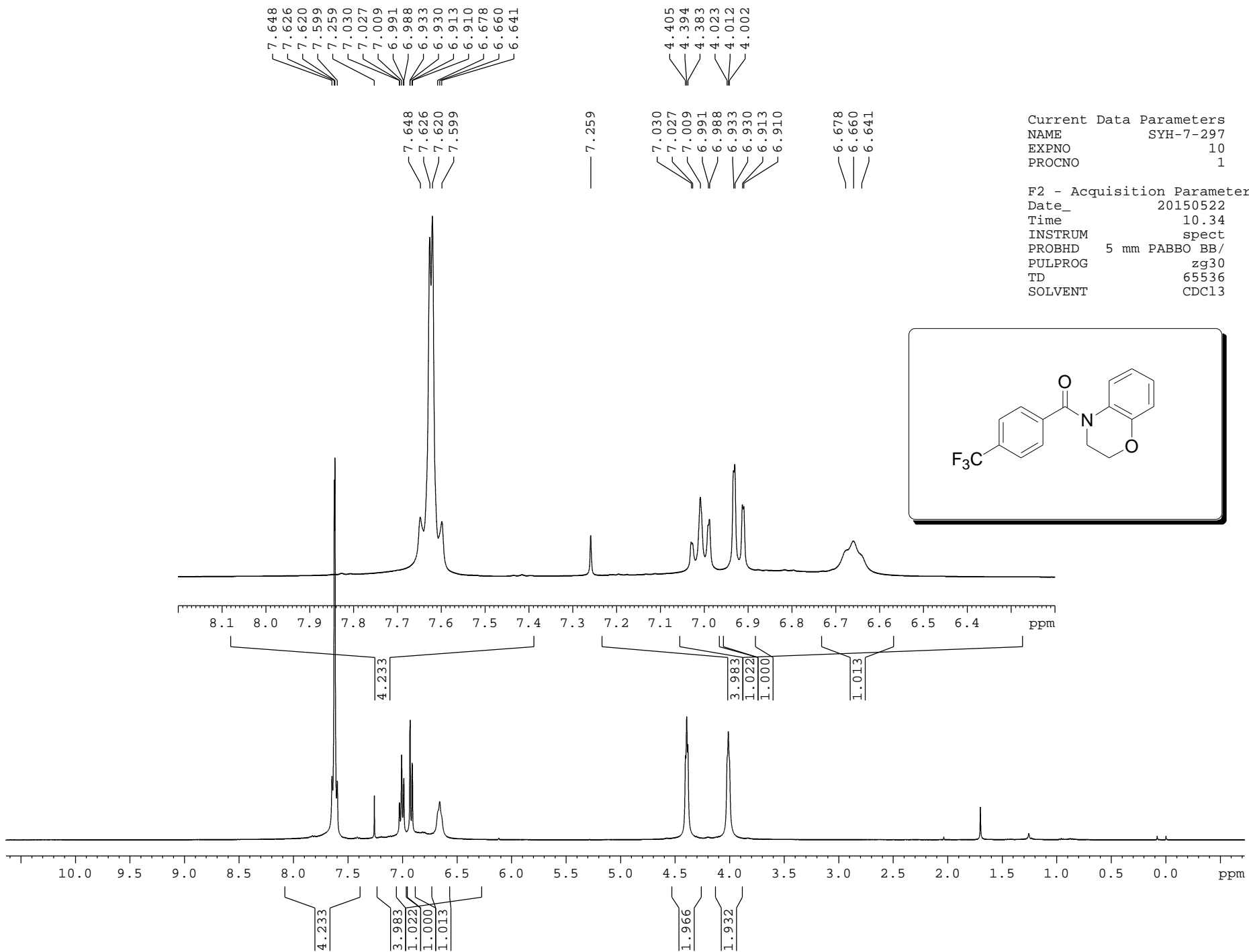
8.382
8.362

7.825
7.818
7.816
7.813
7.805
7.804
7.796
7.795
7.776
7.632
7.623
7.621
7.616
7.612
7.610
7.603
7.599
7.598
7.590
7.428
7.423
7.410
7.406
7.405
7.396
7.388
7.386
7.383
7.370
7.365
7.260

Current Data Parameters
NAME syh-7-285
EXPNO 10
PROCNO 1

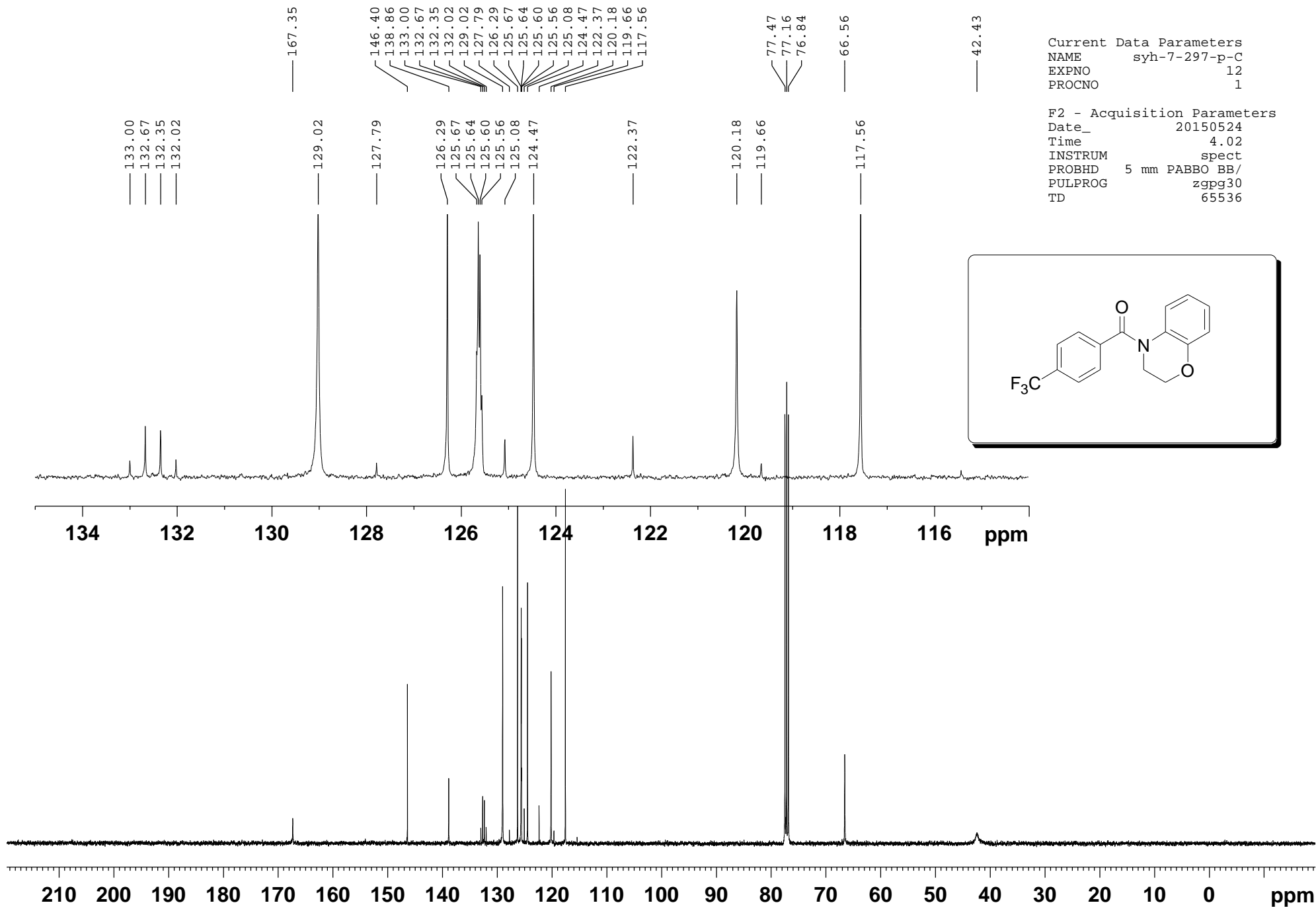
F2 - Acquisition Parameters
Date_ 20150519
Time 18.28
INSTRUM spect
PROBHD 5 mm PABBO BB/
PULPROG zg30
TD 65536
SOLVENT CDC13

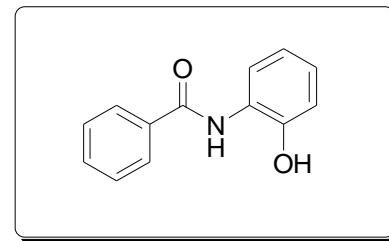
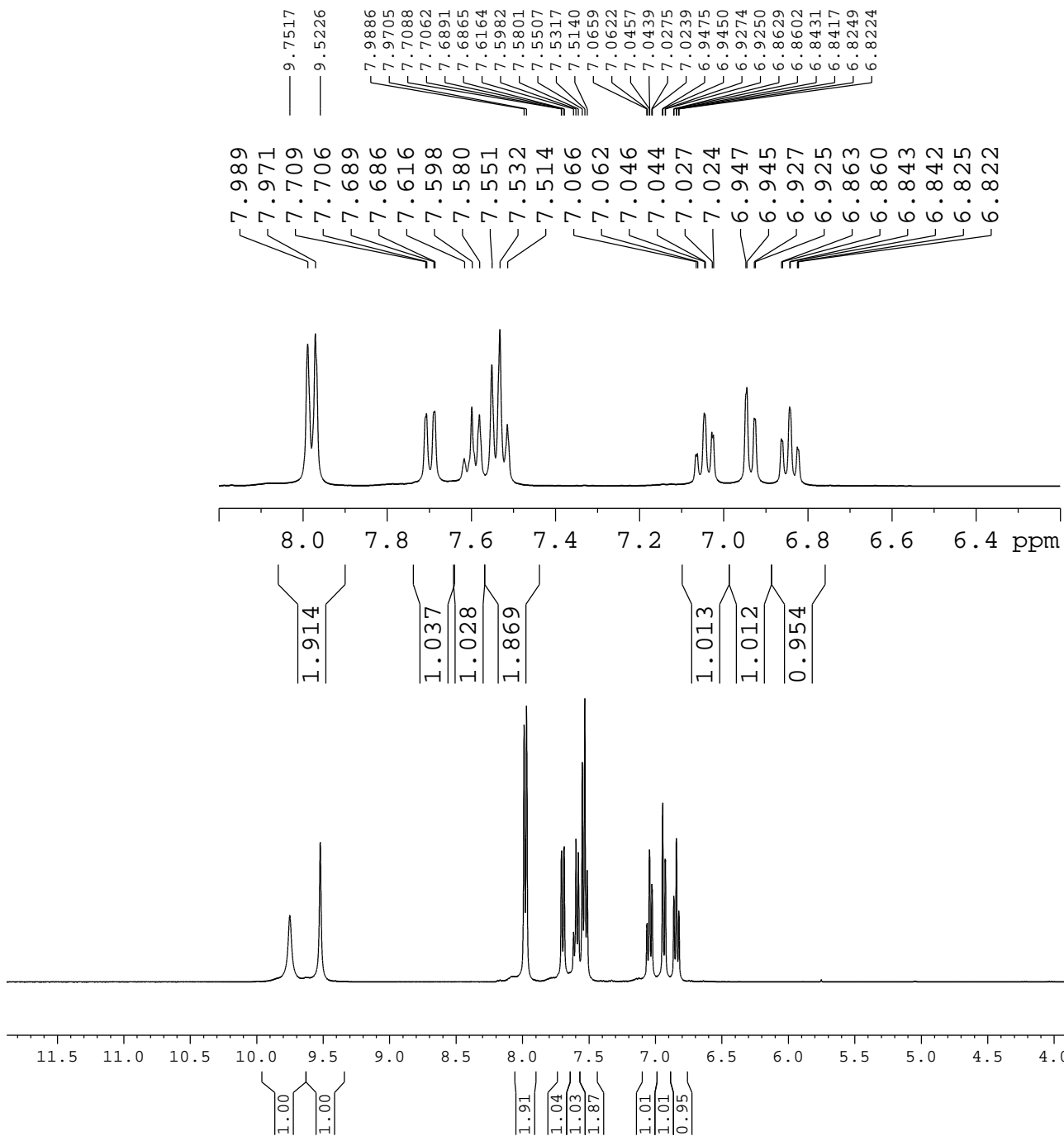




Current Data Parameters
 NAME SYH-7-297
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20150522
 Time 10.34
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT CDC13

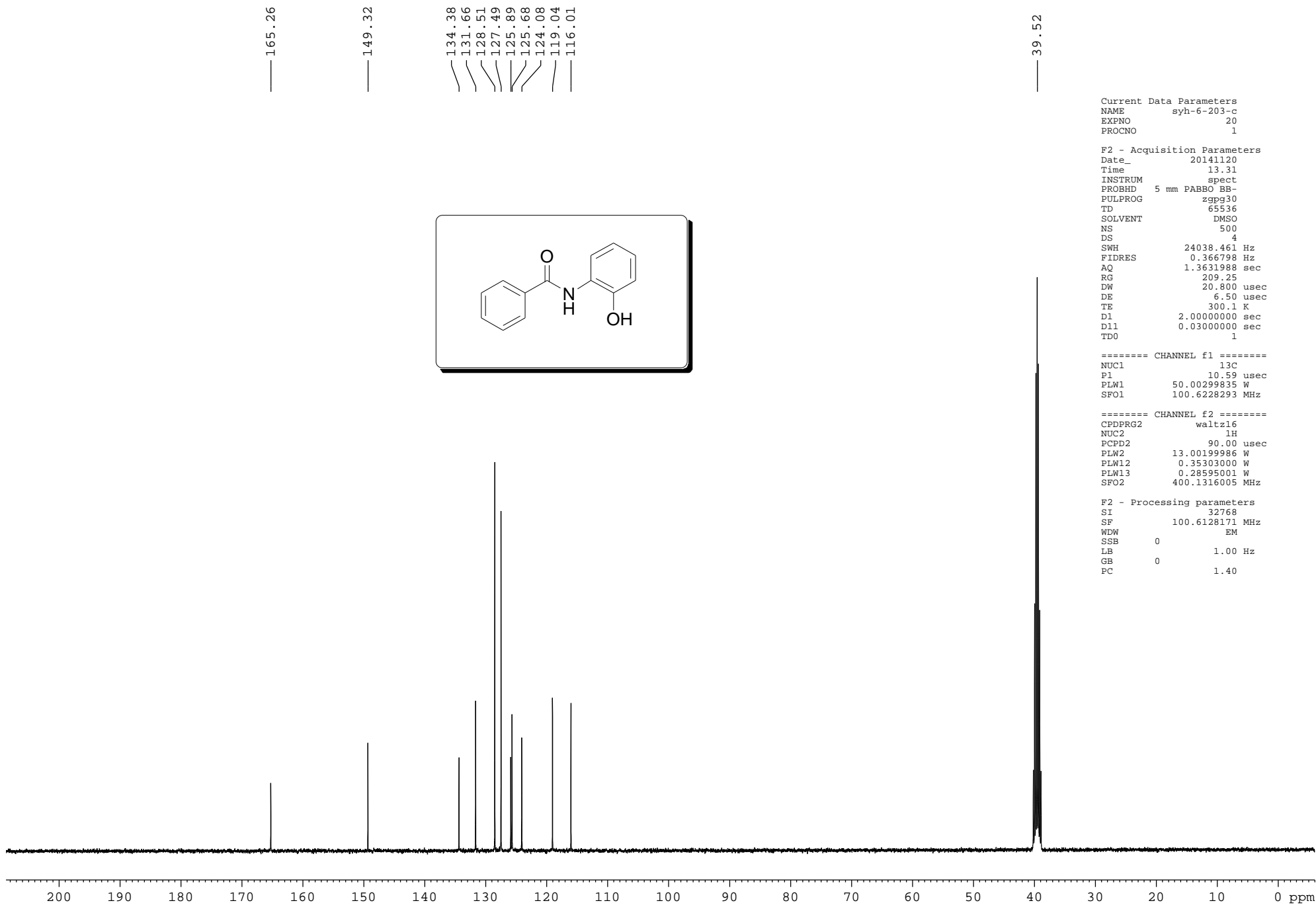




Current Data Parameters
 NAME syh-6-203
 EXPNO 10
 PROCNO 1

3.3643

2.4997



Current Data Parameters
 NAME syh-6-203-c
 EXPNO 20
 PROCNO 1

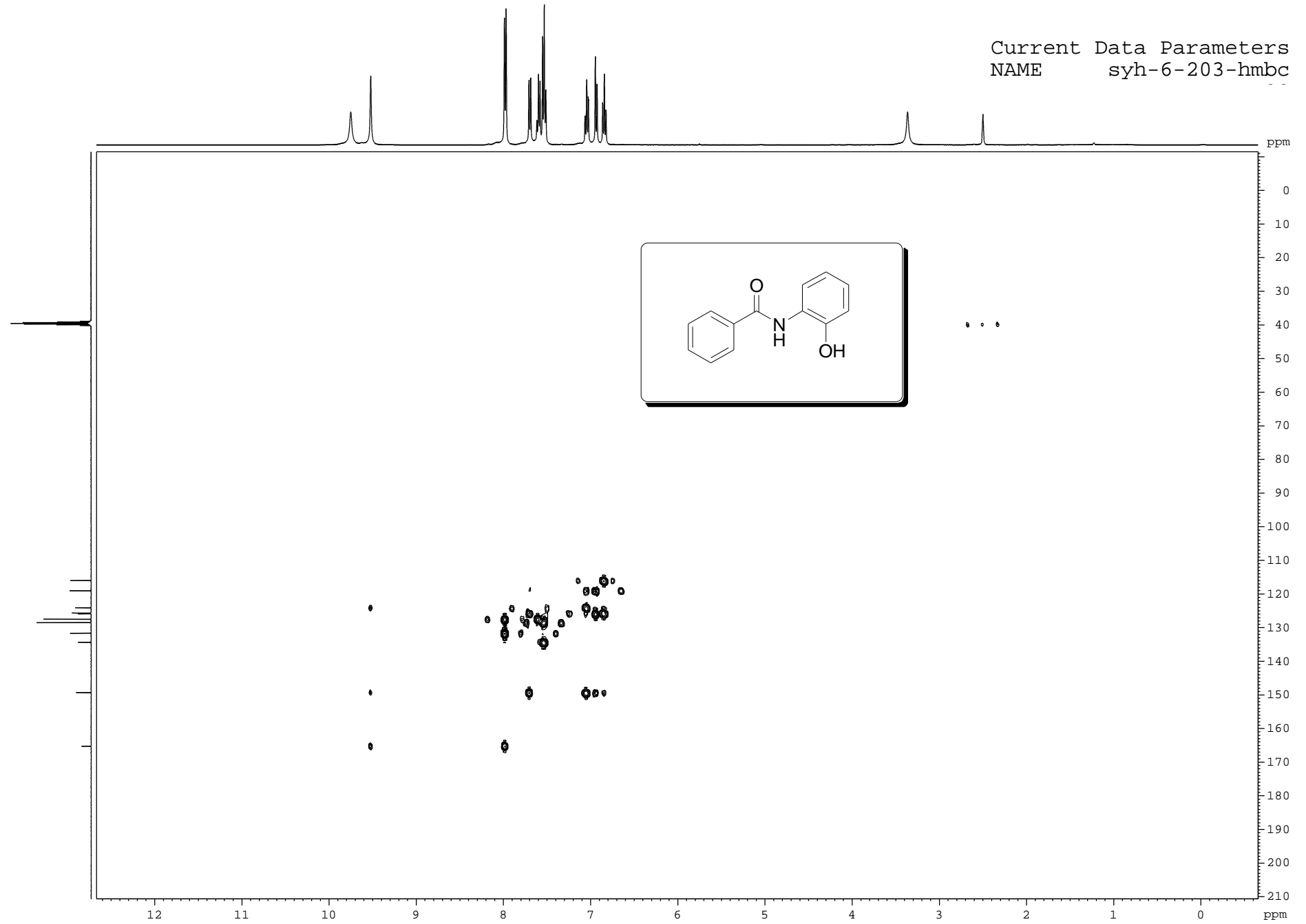
F2 - Acquisition Parameters
 Date_ 20141120
 Time 13.31
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 500
 DS 4
 SWH 24038.461 Hz
 FIDRES 0.366798 Hz
 AQ 1.3631988 sec
 RG 209.25
 DW 20.800 usec
 DE 6.50 usec
 TE 300.1 K
 D1 2.0000000 sec
 D11 0.03000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 10.59 usec
 PLW1 50.00299835 W
 SFO1 100.6228293 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 90.00 usec
 PLW2 13.00199986 W
 PLW12 0.35303000 W
 PLW13 0.28595001 W
 SFO2 400.1316005 MHz

F2 - Processing parameters
 SI 32768
 SF 100.6128171 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

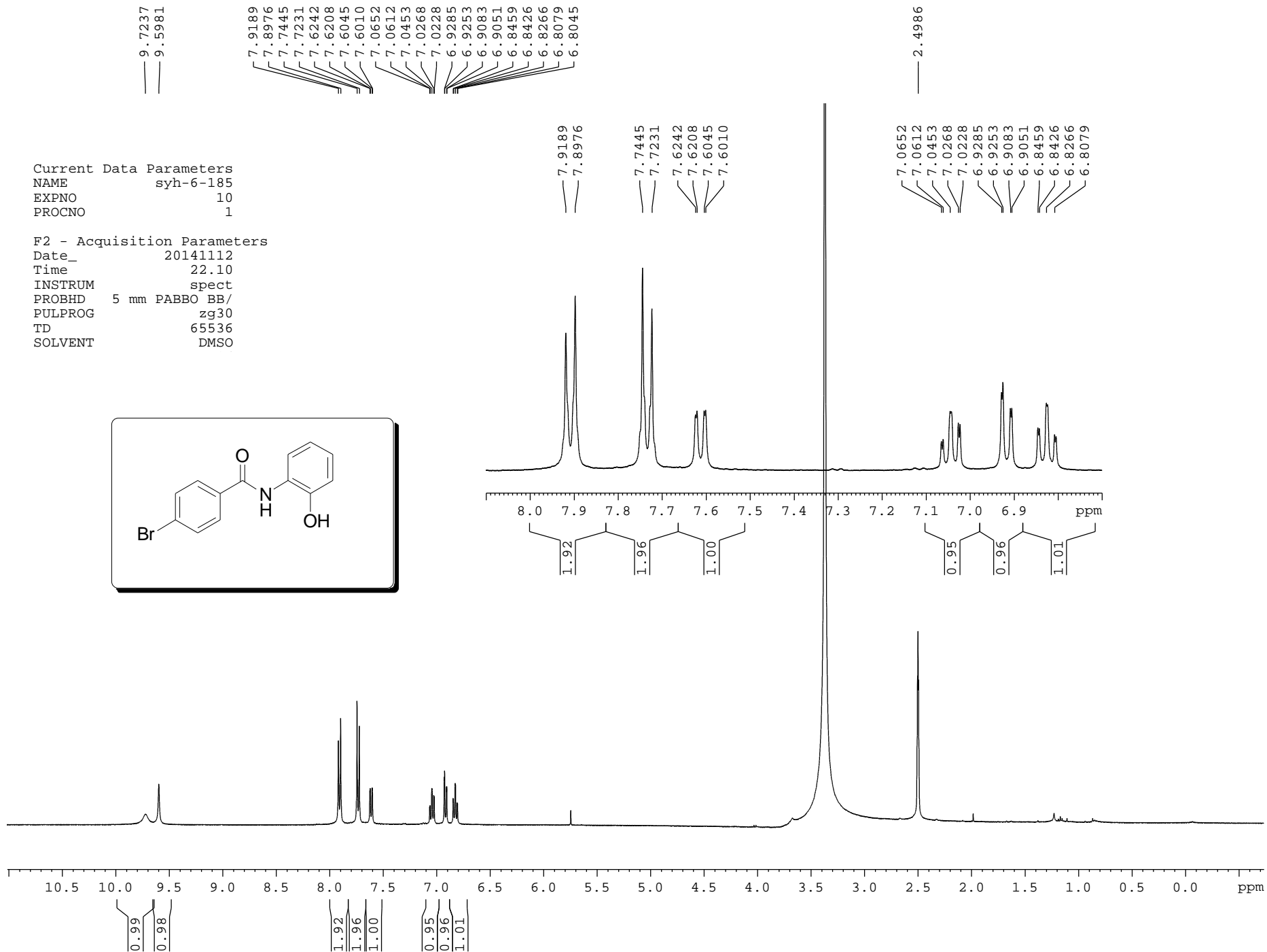
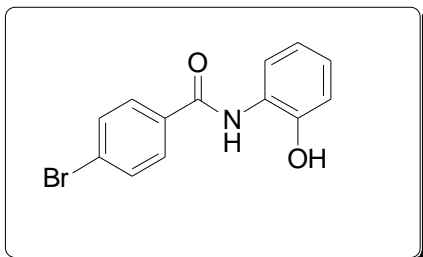
Current Data Parameters
NAME syh-6-203-hmhc

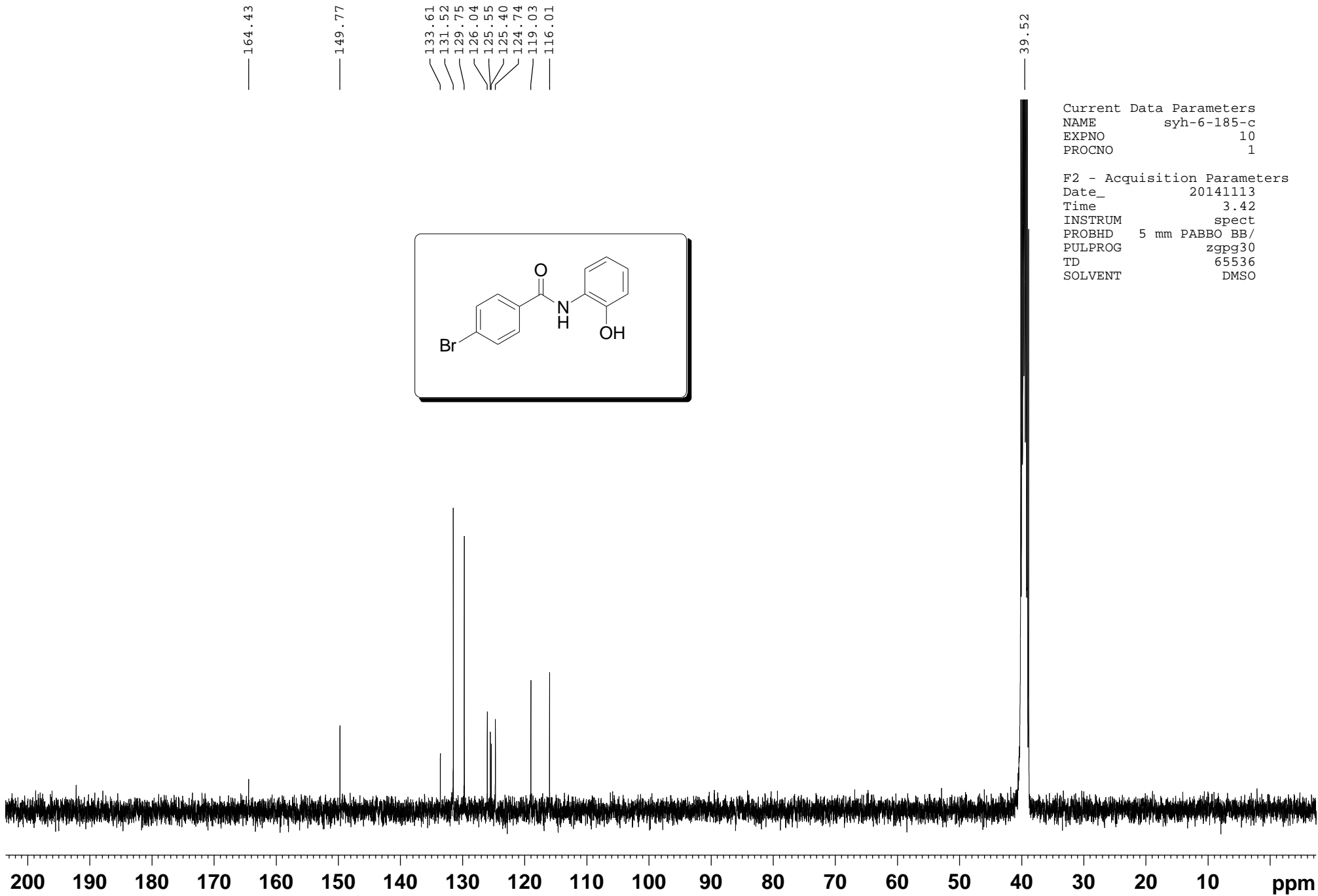


Current Data Parameters
 NAME syh-6-185
 EXPNO 10
 PROCNO 1

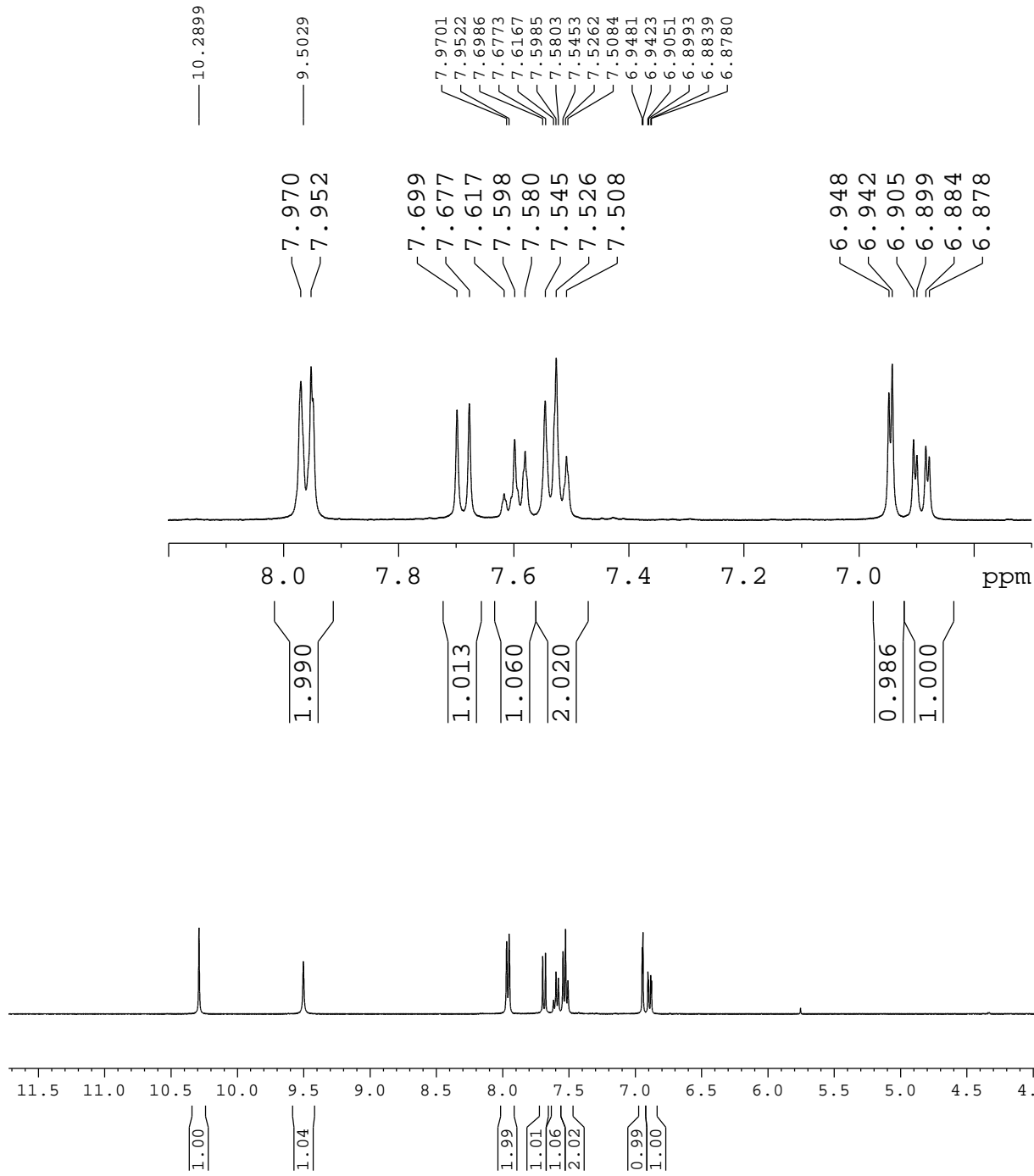
F2 - Acquisition Parameters

Date_ 20141112
 Time 22.10
 INSTRUM spect
 PROBHD 5 mm PABBO BB/
 PULPROG zg30
 TD 65536
 SOLVENT DMSO



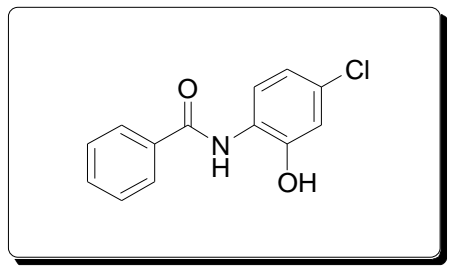


200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

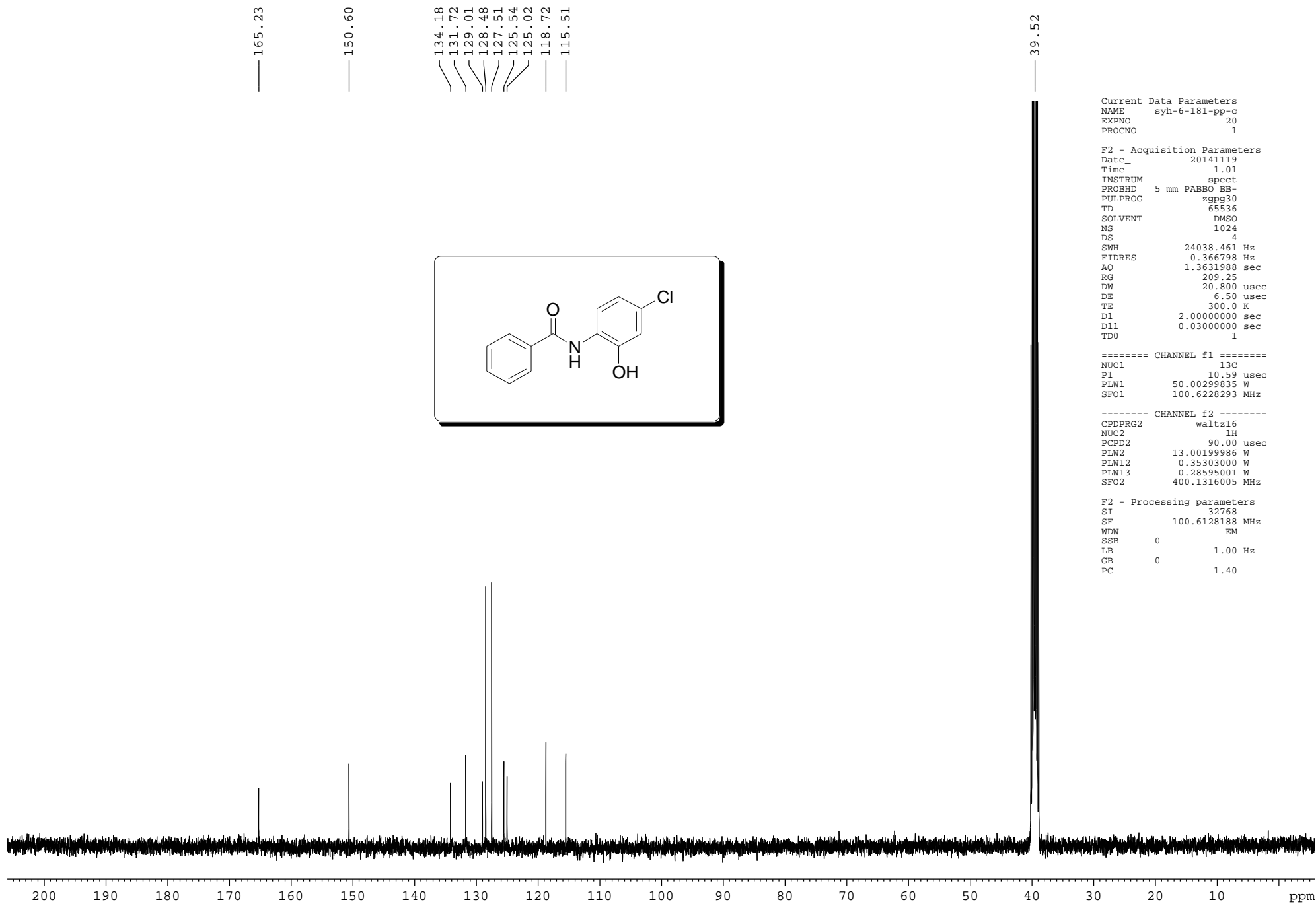


— 2.4995

Current Data Parameters
 NAME syh-6-181-pp
 EXPNO 10
 PROCNO 1



11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 ppm



```

Current Data Parameters
NAME      syh-6-181-pp-c
EXPNO     20
PROCNO    1

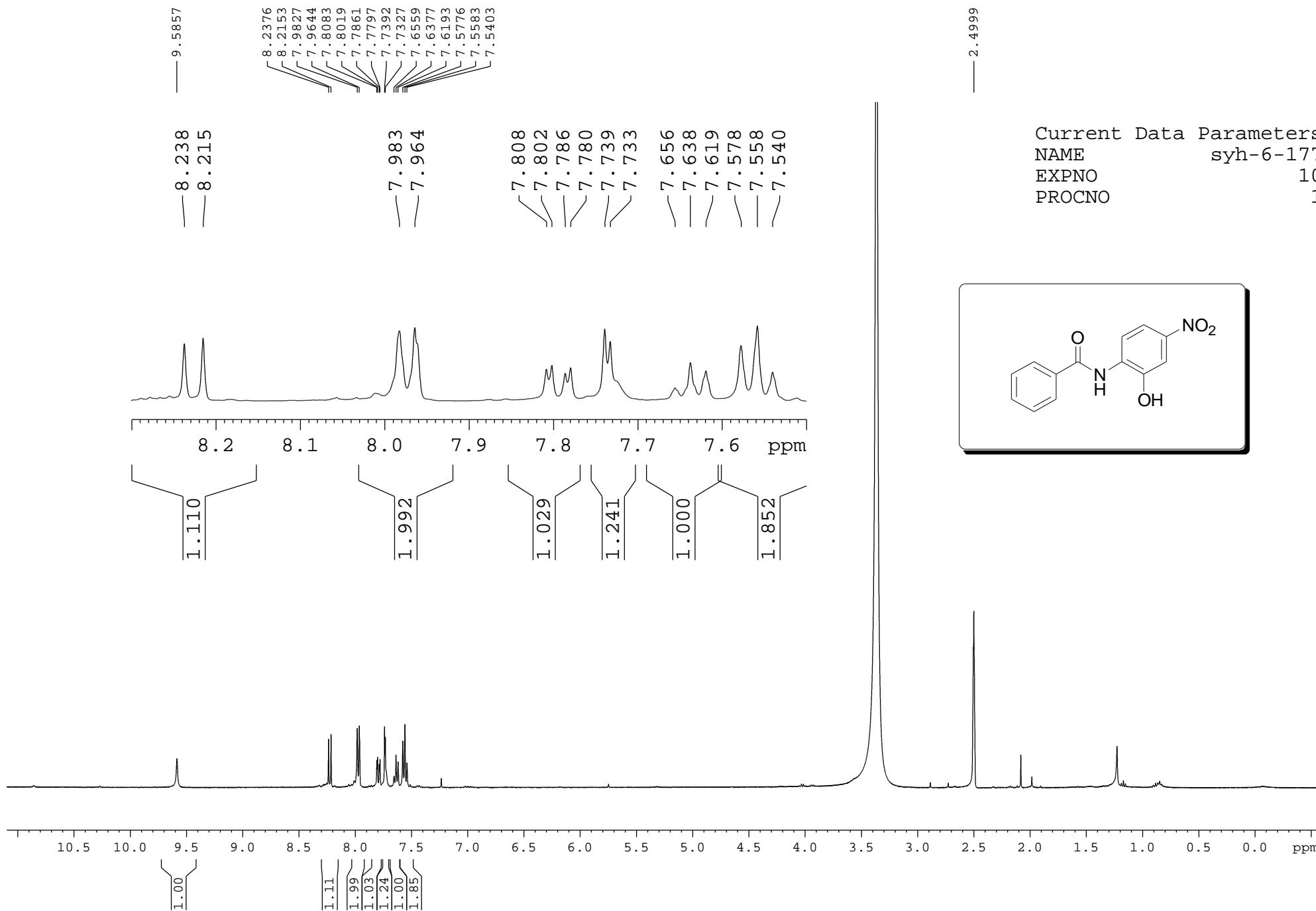
F2 - Acquisition Parameters
Date_     20141119
Time      1.01
INSTRUM   spect
PROBHD    5 mm PABBO BB-
PULPROG   zgpg30
TD         65536
SOLVENT   DMSO
NS         1024
DS         4
SWH        24038.461 Hz
FIDRES     0.366798 Hz
AQ         1.3631988 sec
RG         209.25
DW         20.800 usec
DE         6.50 usec
TE         300.0 K
D1         2.00000000 sec
D11        0.03000000 sec
TD0        1

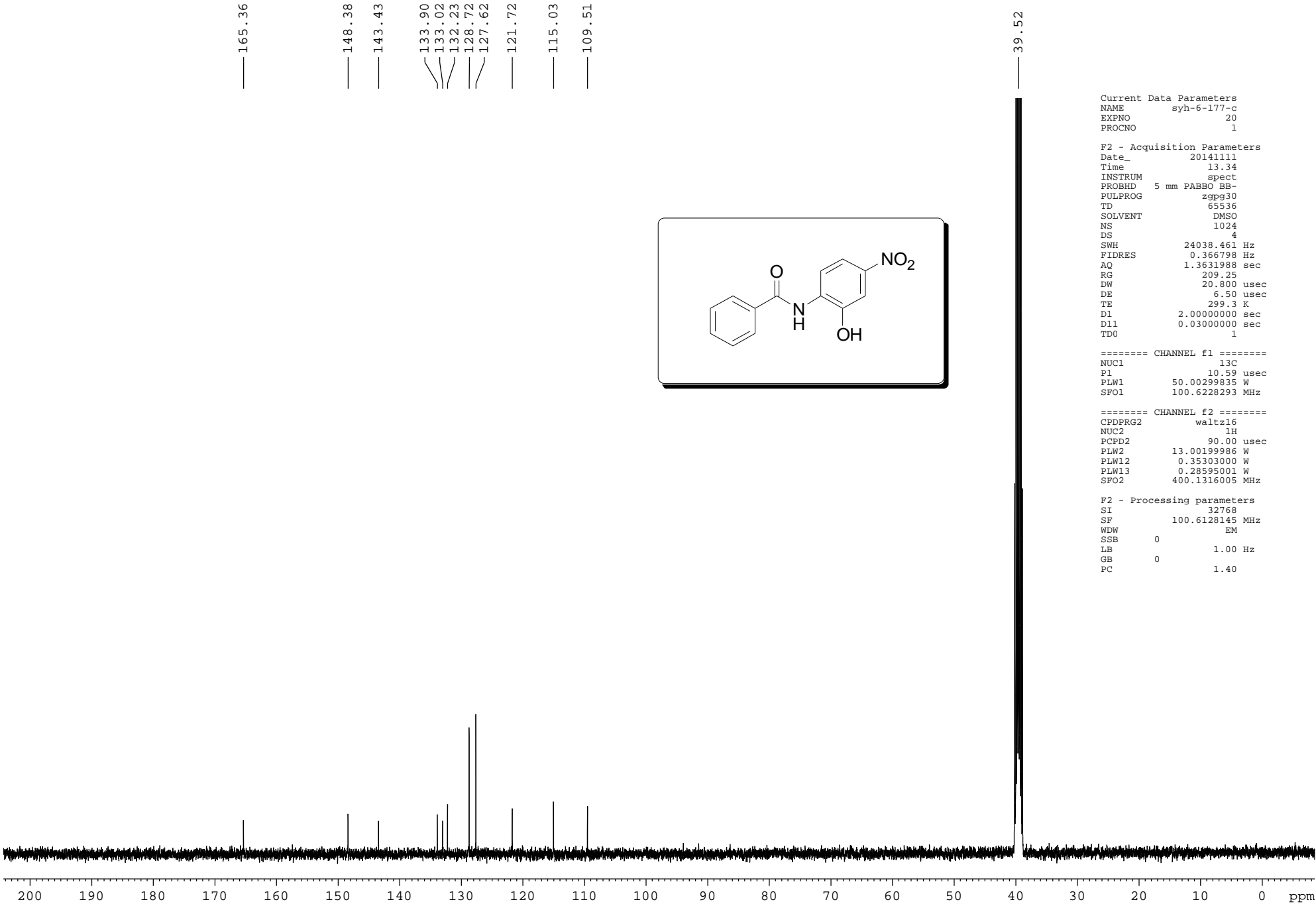
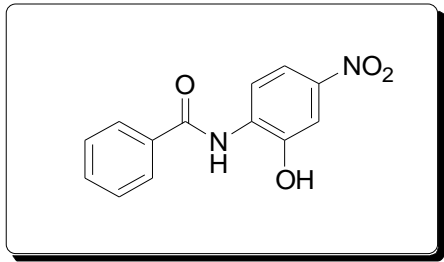
===== CHANNEL f1 =====
NUC1       13C
P1         10.59 usec
PLW1       50.00299835 W
SFO1       100.6228293 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2     90.00 usec
PLW2       13.00199986 W
PLW12     0.35303000 W
PLW13     0.28595001 W
SFO2       400.1316005 MHz

F2 - Processing parameters
SI         32768
SF         100.6128188 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40

```





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Current Data Parameters
NAME          syh-6-177-c
EXPNO         20
PROCNO        1

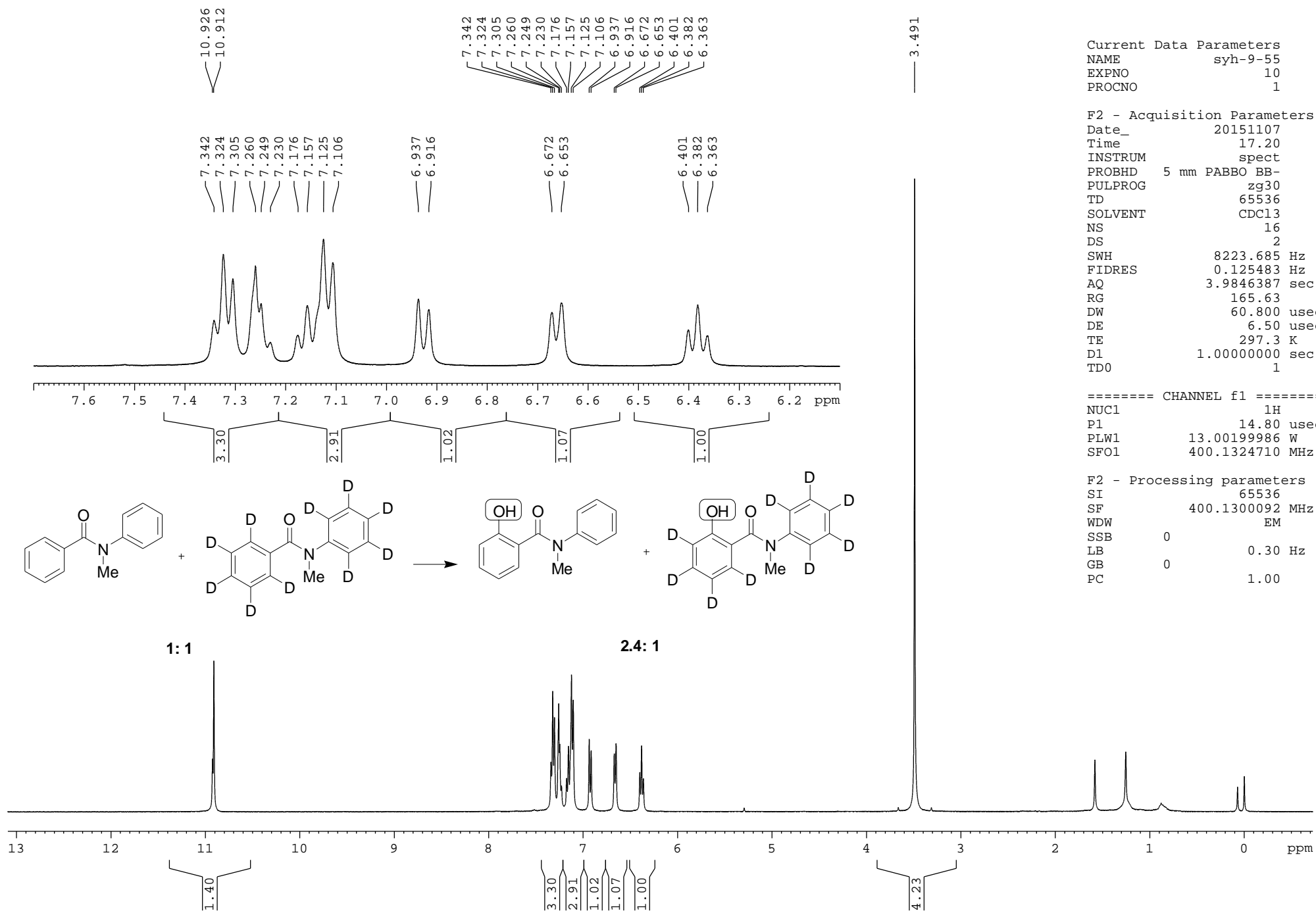
F2 - Acquisition Parameters
Date_         20141111
Time          13.34
INSTRUM       spect
PROBHD        5 mm PABBO BB-
PULPROG       zgpg30
TD            65536
SOLVENT       DMSO
NS            1024
DS            4
SWH           24038.461 Hz
FIDRES        0.366798 Hz
AQ            1.3631988 sec
RG            209.25
DW            20.800 usec
DE            6.50 usec
TE            299.3 K
D1            2.0000000 sec
D11           0.0300000 sec
TD0           1

===== CHANNEL f1 =====
NUC1          13C
P1            10.59 usec
PLW1          50.00299835 W
SFO1          100.6228293 MHz

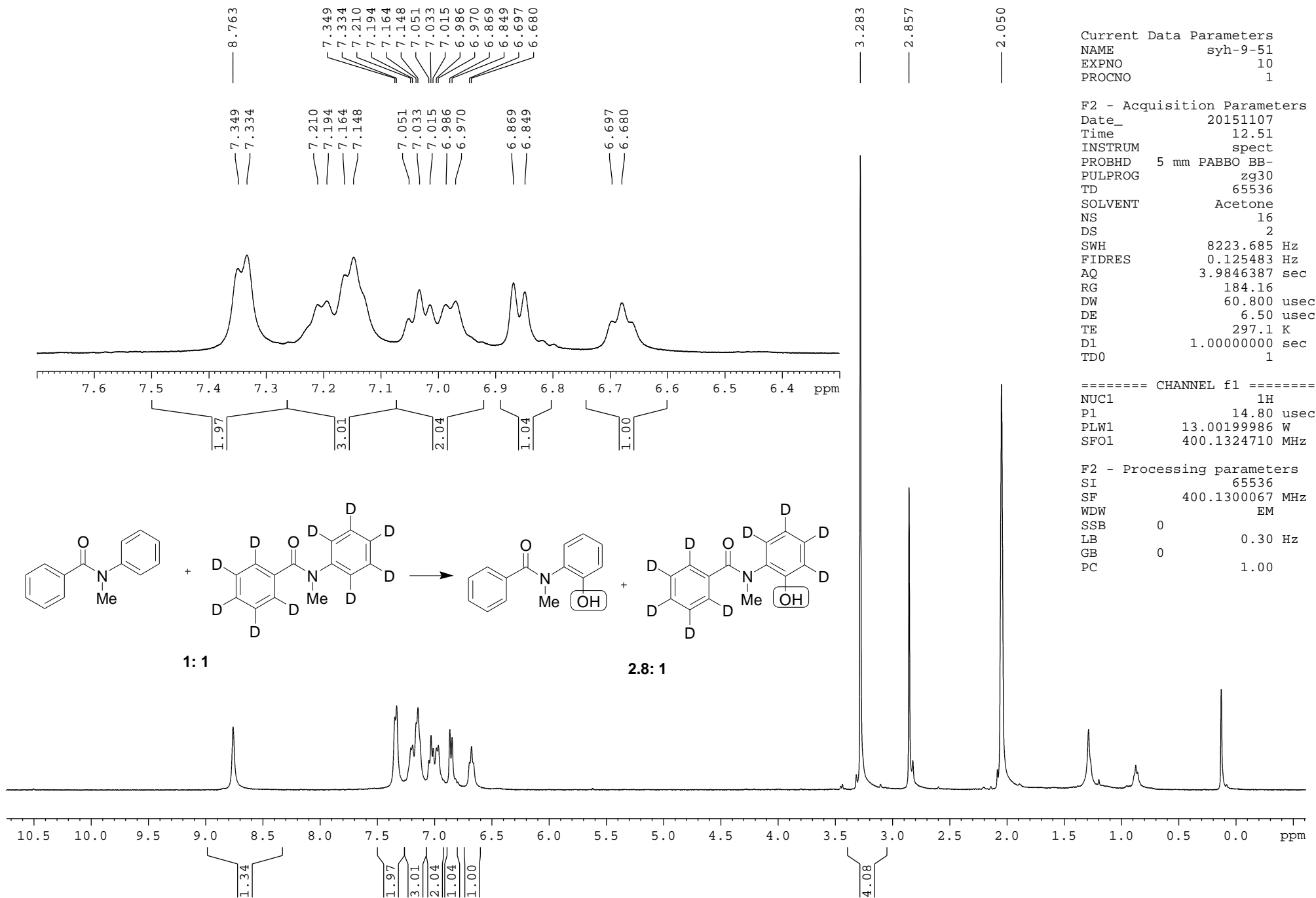
===== CHANNEL f2 =====
CPDPRG2       waltz16
NUC2          1H
PCPD2         90.00 usec
PLW2          13.00199986 W
PLW12         0.35303000 W
PLW13         0.28595001 W
SFO2          400.1316005 MHz

F2 - Processing parameters
SI            32768
SF            100.6128145 MHz
WDW           EM
SSB           0
LB            1.00 Hz
GB            0
PC            1.40
  
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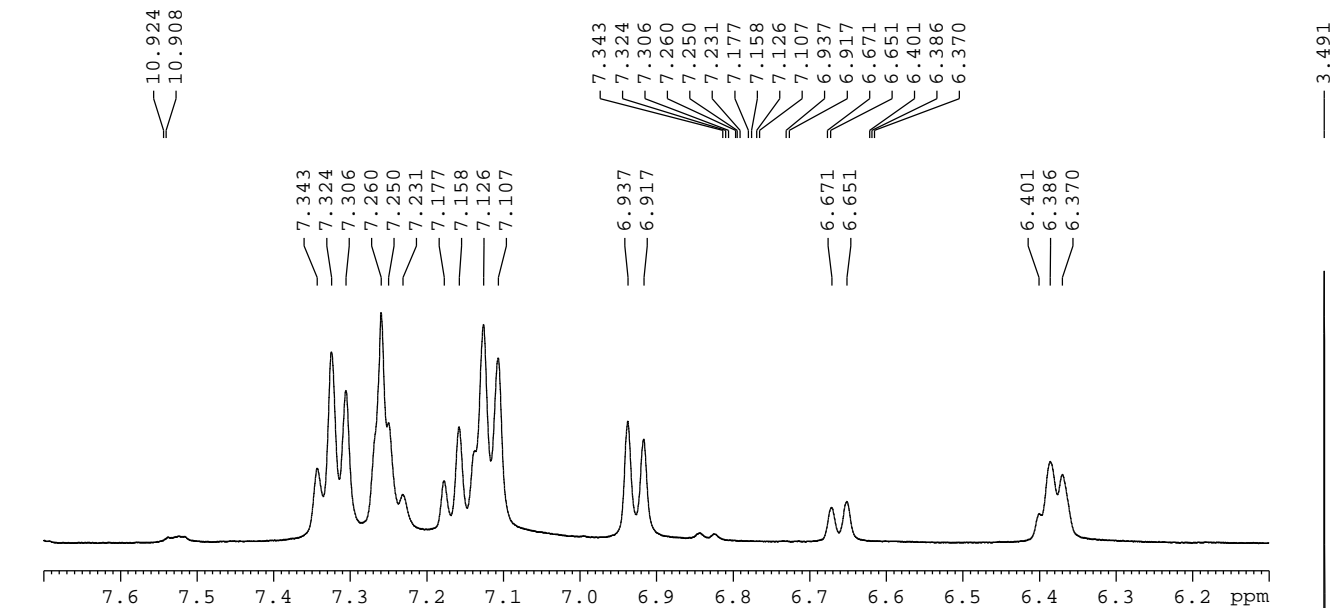
The NMR of preliminary mechanistic study (intermolecular)



The NMR of preliminary mechanistic study (intermolecular)



The NMR of preliminary mechanistic study (intramolecular)

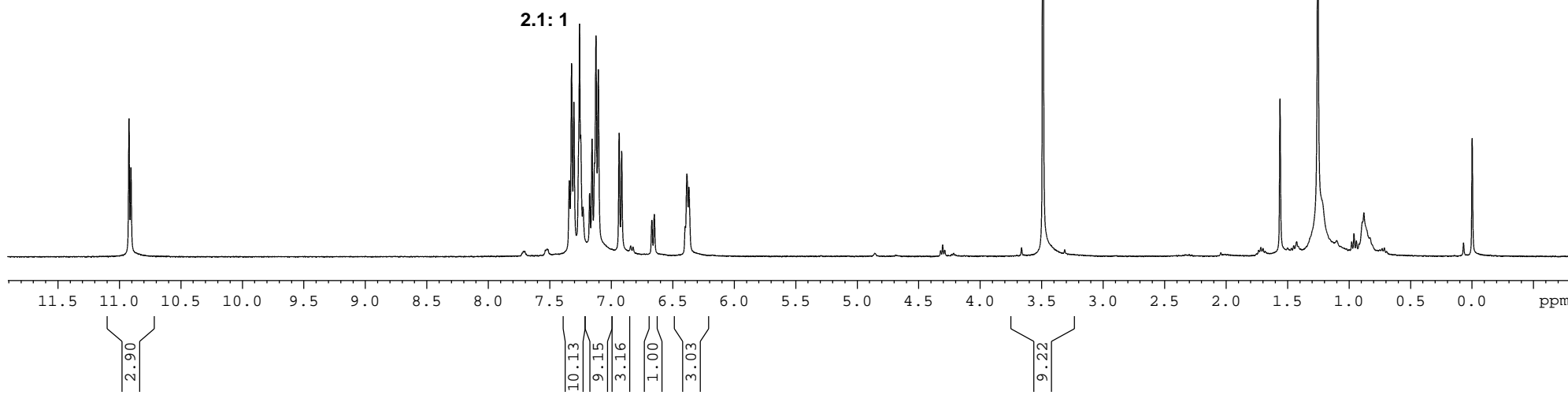
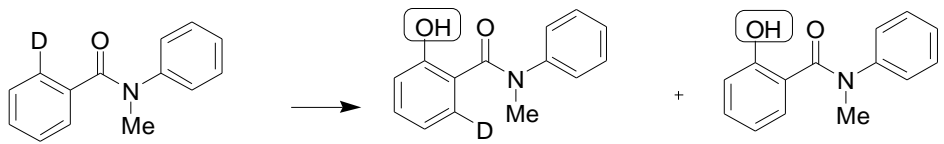


Current Data Parameters
 NAME syh-9-67-2
 EXPNO 10
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20151112
 Time 14.50
 INSTRUM spect
 PROBHD 5 mm PABBO BB-
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 8223.685 Hz
 FIDRES 0.125483 Hz
 AQ 3.9846387 sec
 RG 184.16
 DW 60.800 usec
 DE 6.50 usec
 TE 297.9 K
 D1 1.00000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.80 usec
 PLW1 13.00199986 W
 SFO1 400.1324710 MHz

F2 - Processing parameters
 SI 65536
 SF 400.1300095 MHz
 WDW EM
 SSB 0
 LE 0.30 Hz
 GE 0
 PC 1.00



The NMR of preliminary mechanistic study (intramolecular)

