Supporting Information for

Inducers of Hypoxic Response: Marine Sesquiterpene Quinones Activate HIF-1

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Contents

^{1}H-NMR (CDCl$_3$) spectrum of 2

S1

^{13}C-NMR (CDCl$_3$) spectrum of 2

182.6329
161.2941
156.0259
152.8668
118.7076
105.8454
102.0636
77.4789
77.1601
76.8416
56.7537
46.7035
42.2939
40.1843
38.9014
32.3303
31.1806
25.2902
24.6677
22.5863
13.8773

S2

^{1}H-NMR (CDCl$_3$) spectrum of 3

^{13}C-NMR (CDCl$_3$) spectrum of 3

182.6110
182.5171
161.7091
152.9359
118.7165
102.0216
77.4778
77.1598
76.8420
56.8917
43.2279
39.9980
37.7972
31.8677
29.1761
27.9197
27.8133
26.2899
24.8764
23.0763
22.5067
20.8003
20.6650
17.6685
15.1280

f1 (ppm)

^{1}H-NMR (CDCl$_3$) spectrum of 4

^{13}C-NMR (CDCl₃) spectrum of 4

181.7256
181.1411
171.9798
159.5180
154.2395
154.1526
114.6588
110.0642
104.8077
88.5245
77.4773
77.159
76.8421
56.4529
50.9981
46.5994
39.2655
38.9708
36.6165
36.4093
32.6714
30.9047
28.2881
27.6475
27.5711
23.2055
16.0031

S6

^{1}H-NMR (CDCl$_3$) spectrum of 5

^{13}C-NMR (CDCl$_3$) spectrum of 5

S8

^{1}H-NMR (CDCl$_3$) spectrum of 6

11.0627

7.2598
7.1497

5.4552

3.8301
3.5165
3.4800

2.8043
2.7647

2.0583
2.0489
2.0404

1.6197
1.6113
1.4825
1.4728
1.2775
1.2439
1.2190
1.2065
1.0911
1.0467
0.8838
0.8565

0.99

0.96

0.62

3.07
2.37
1.00
1.10
4.99
9.09
3.16
6.01

f1 (ppm)

S9

^{13}C-NMR (CDCl$_3$) spectrum of 6

S10
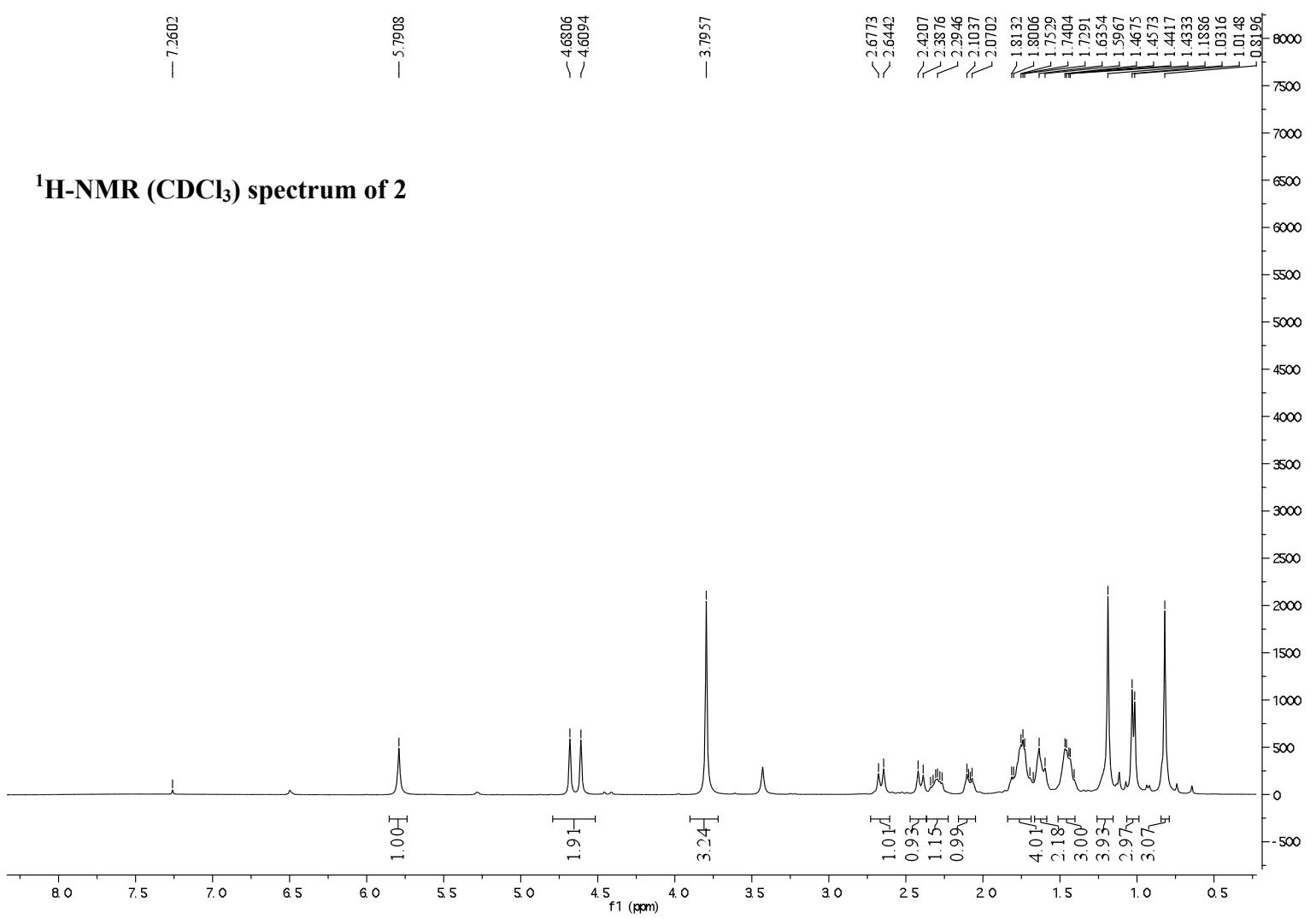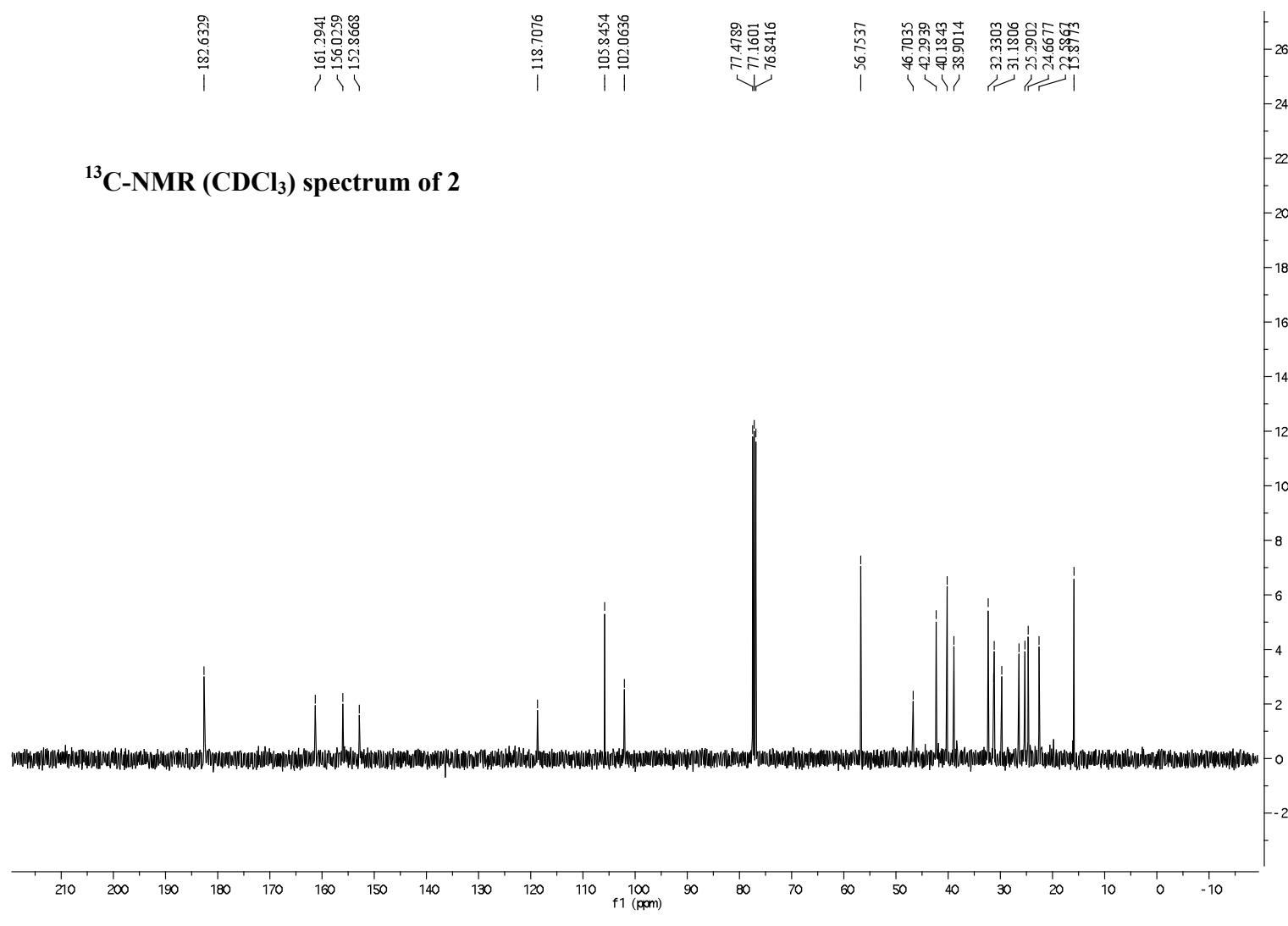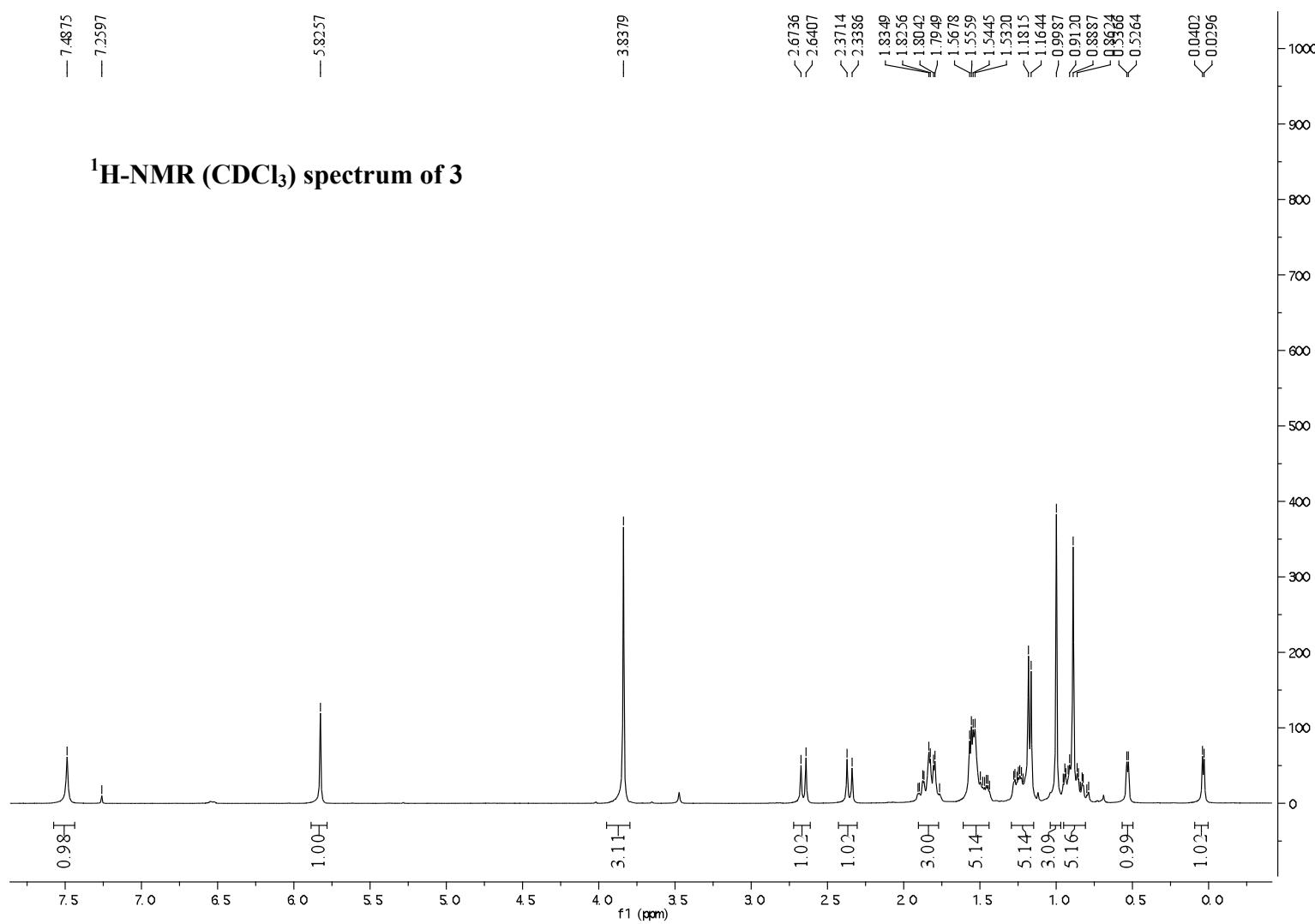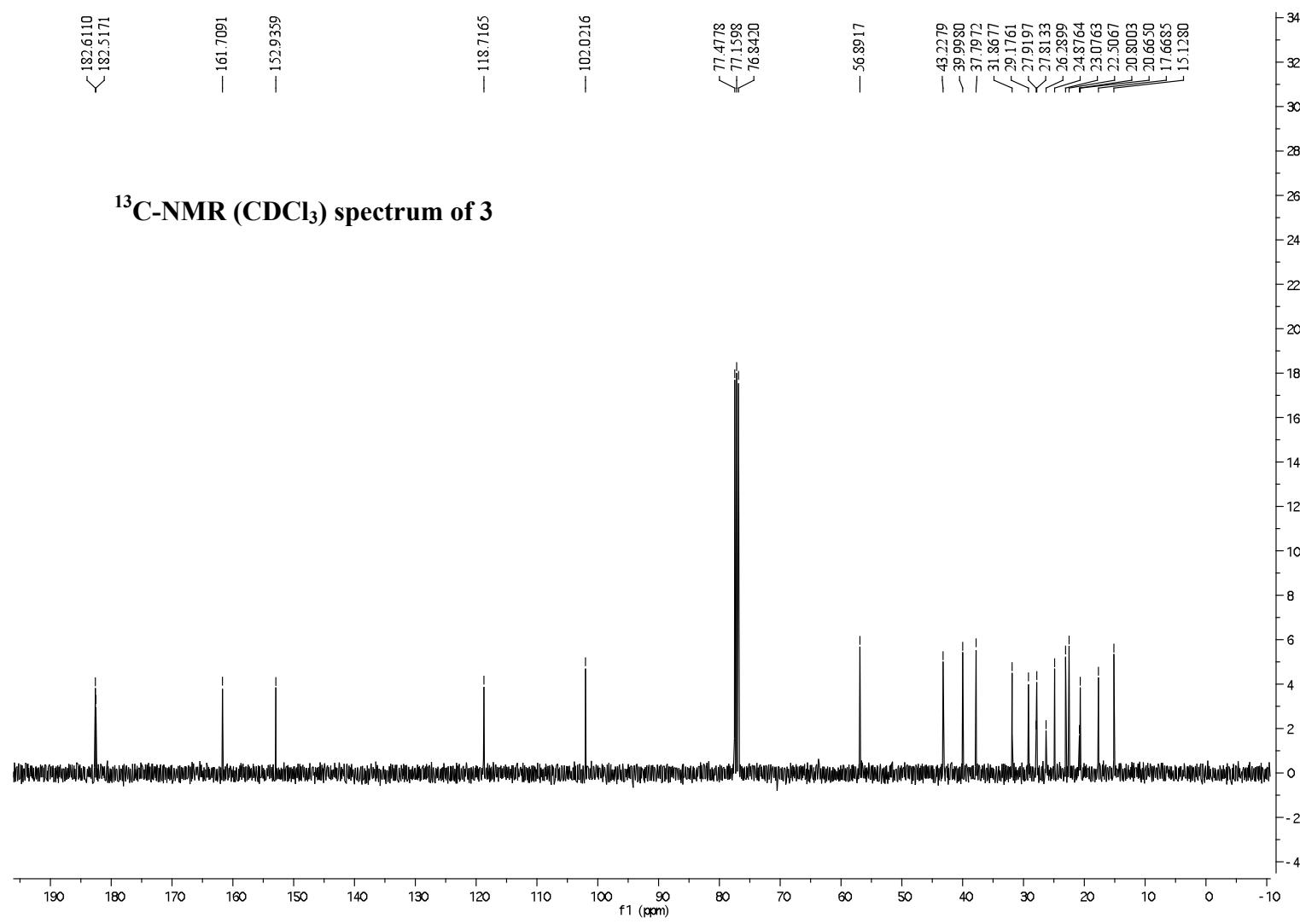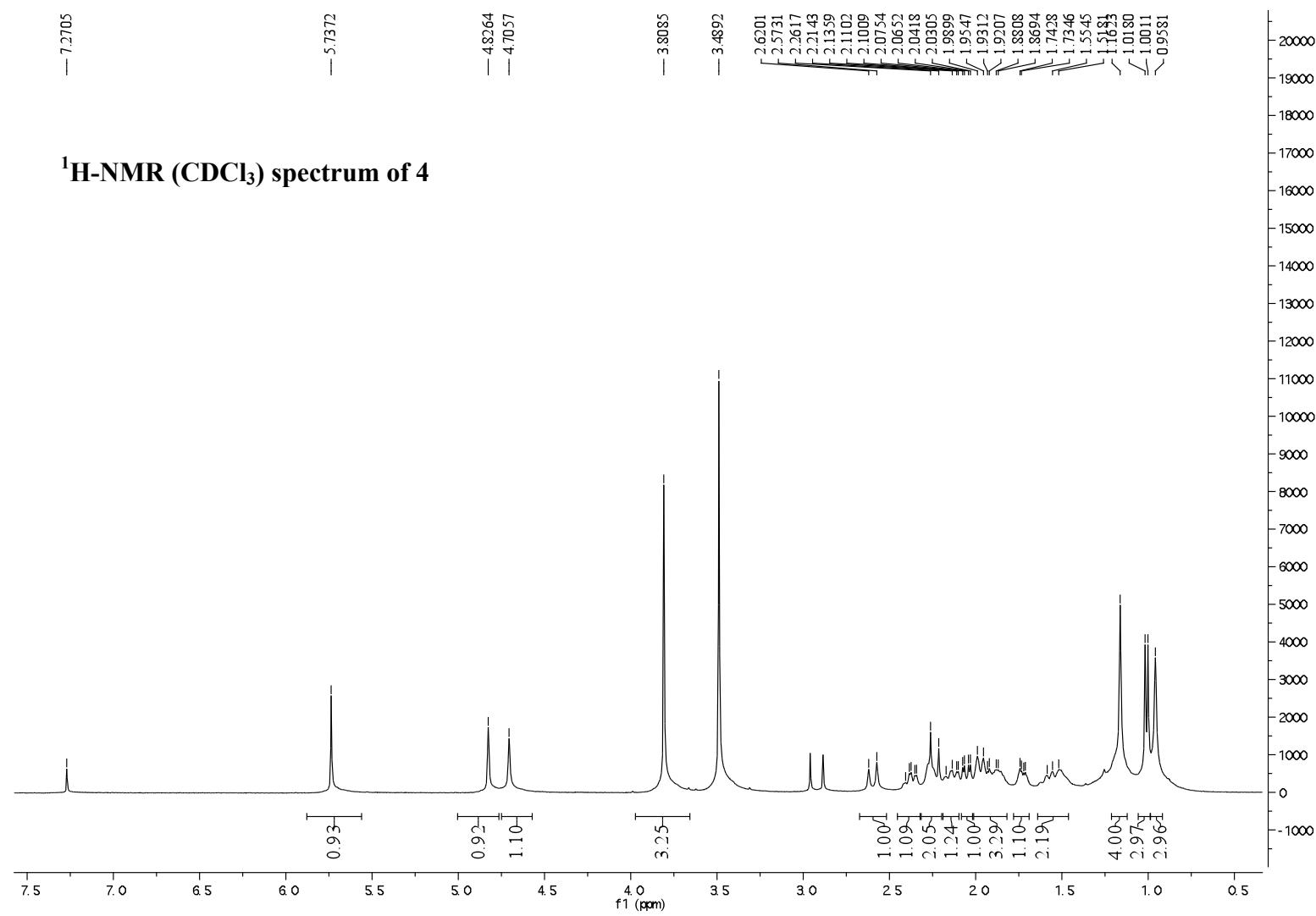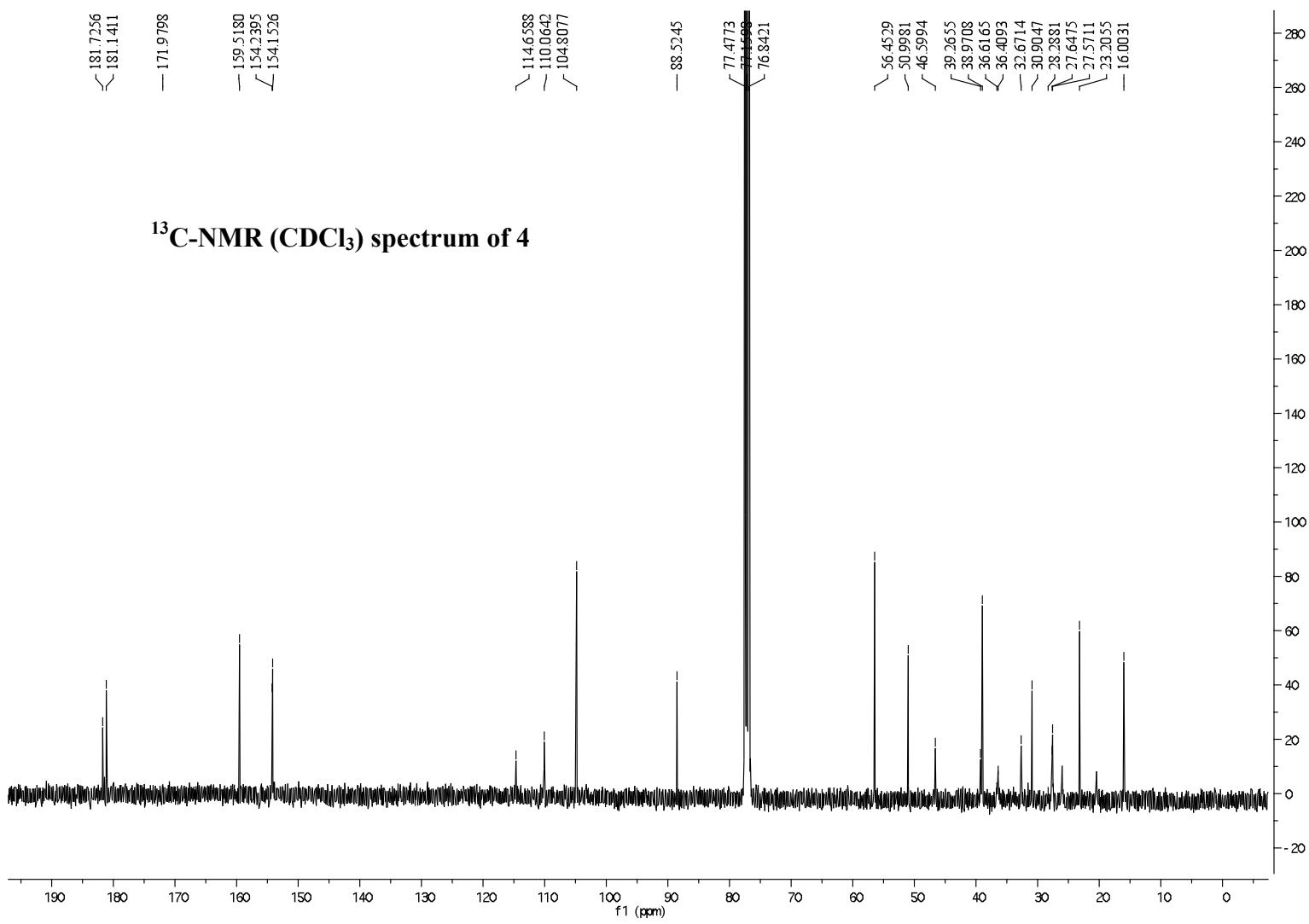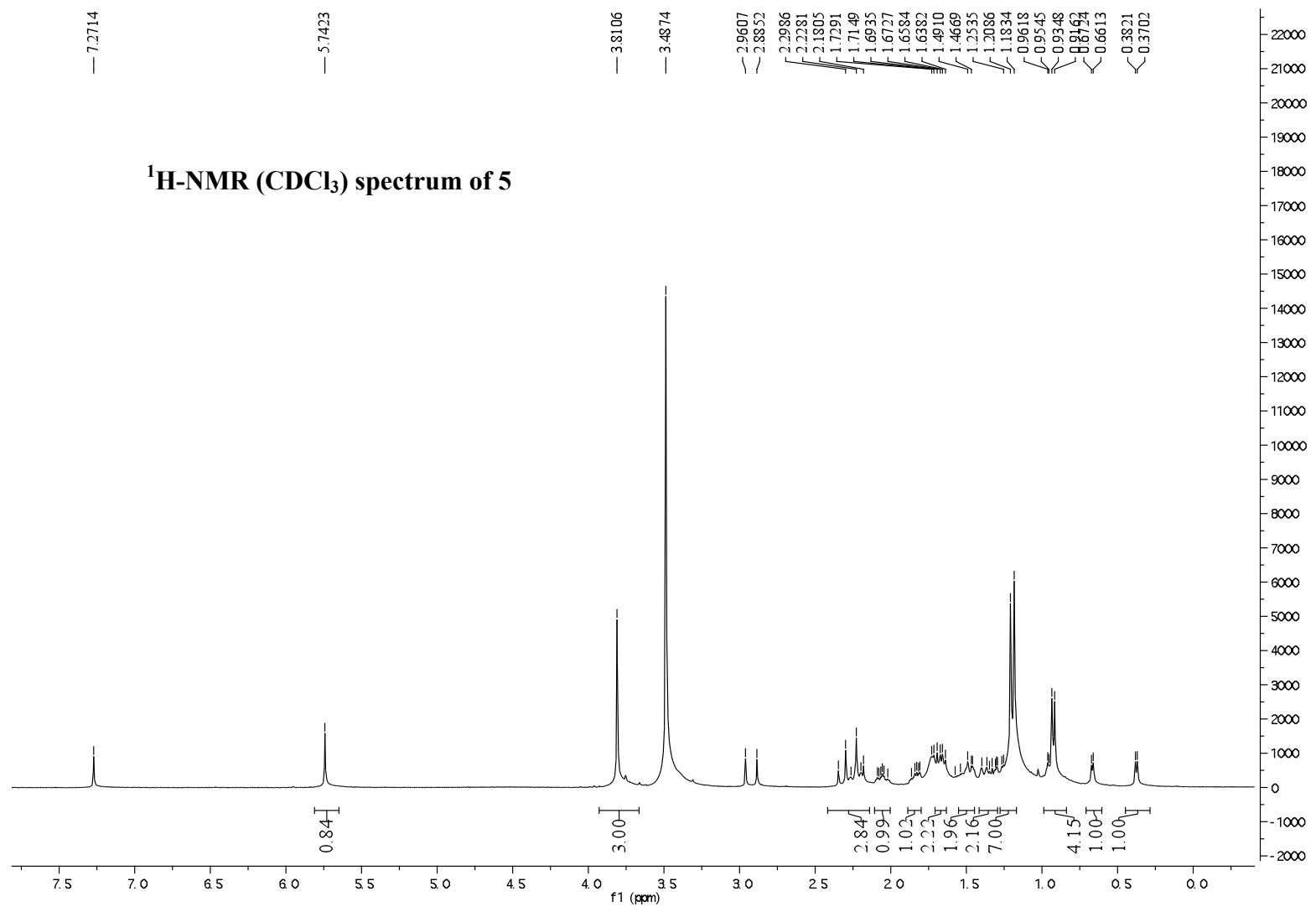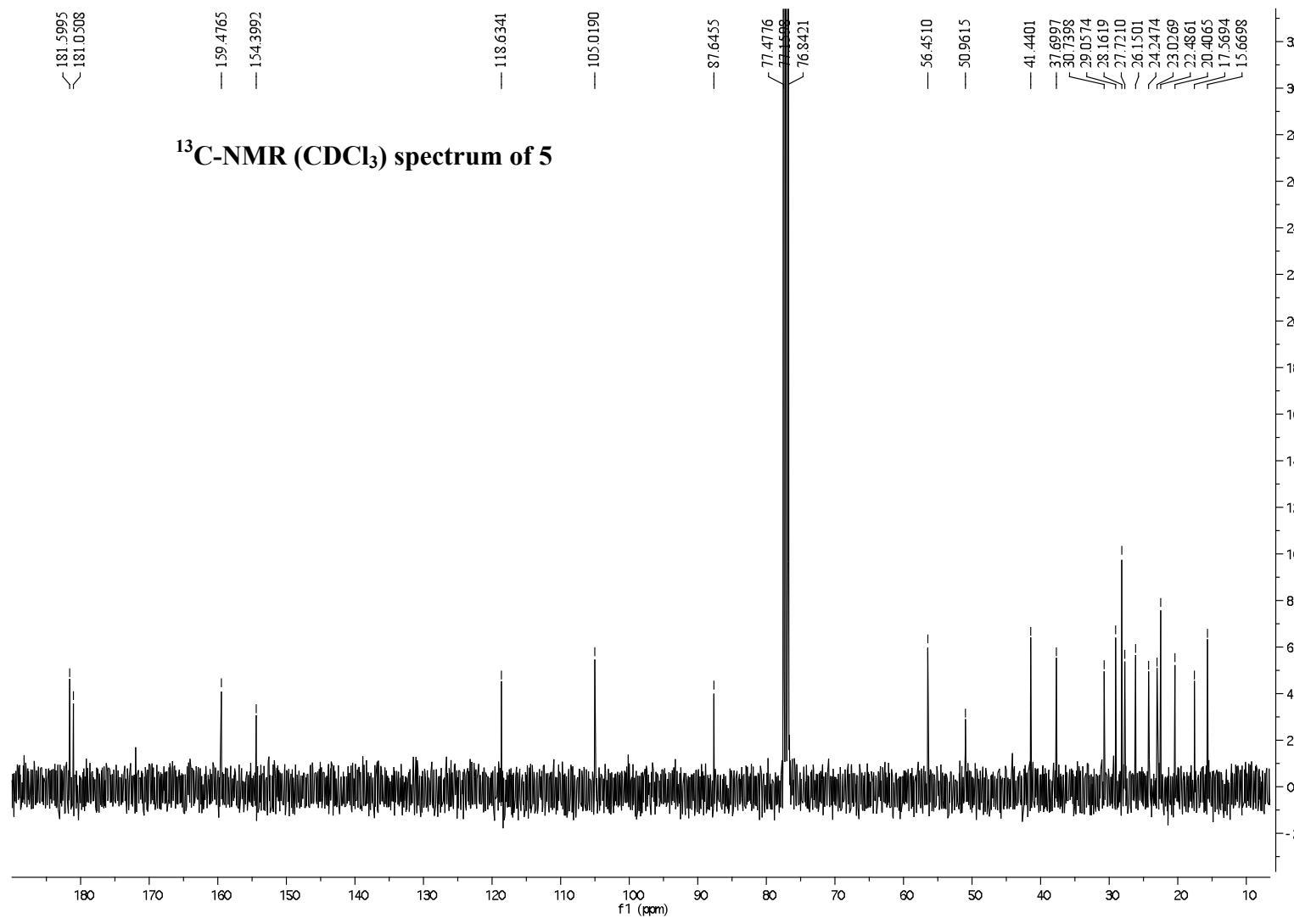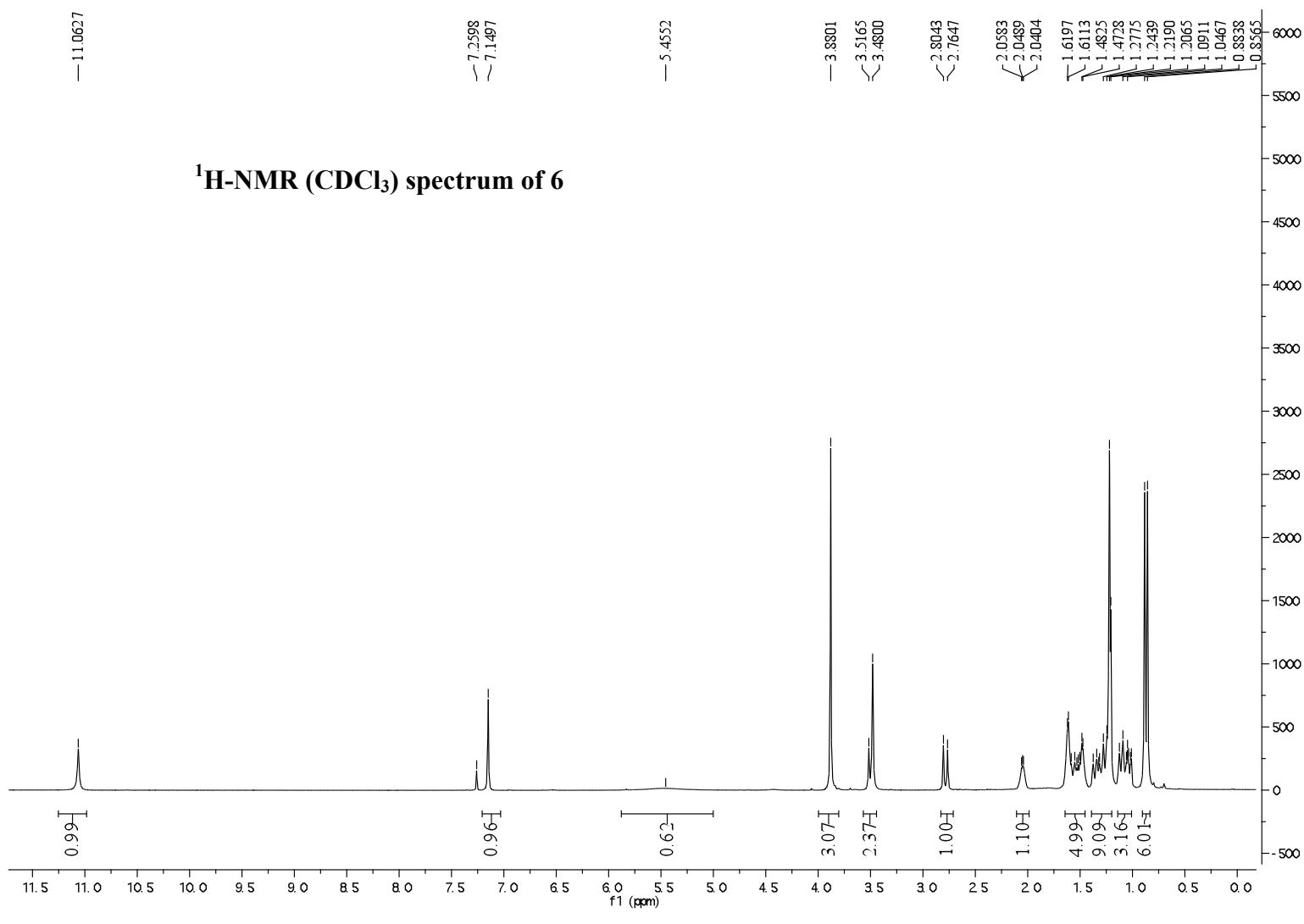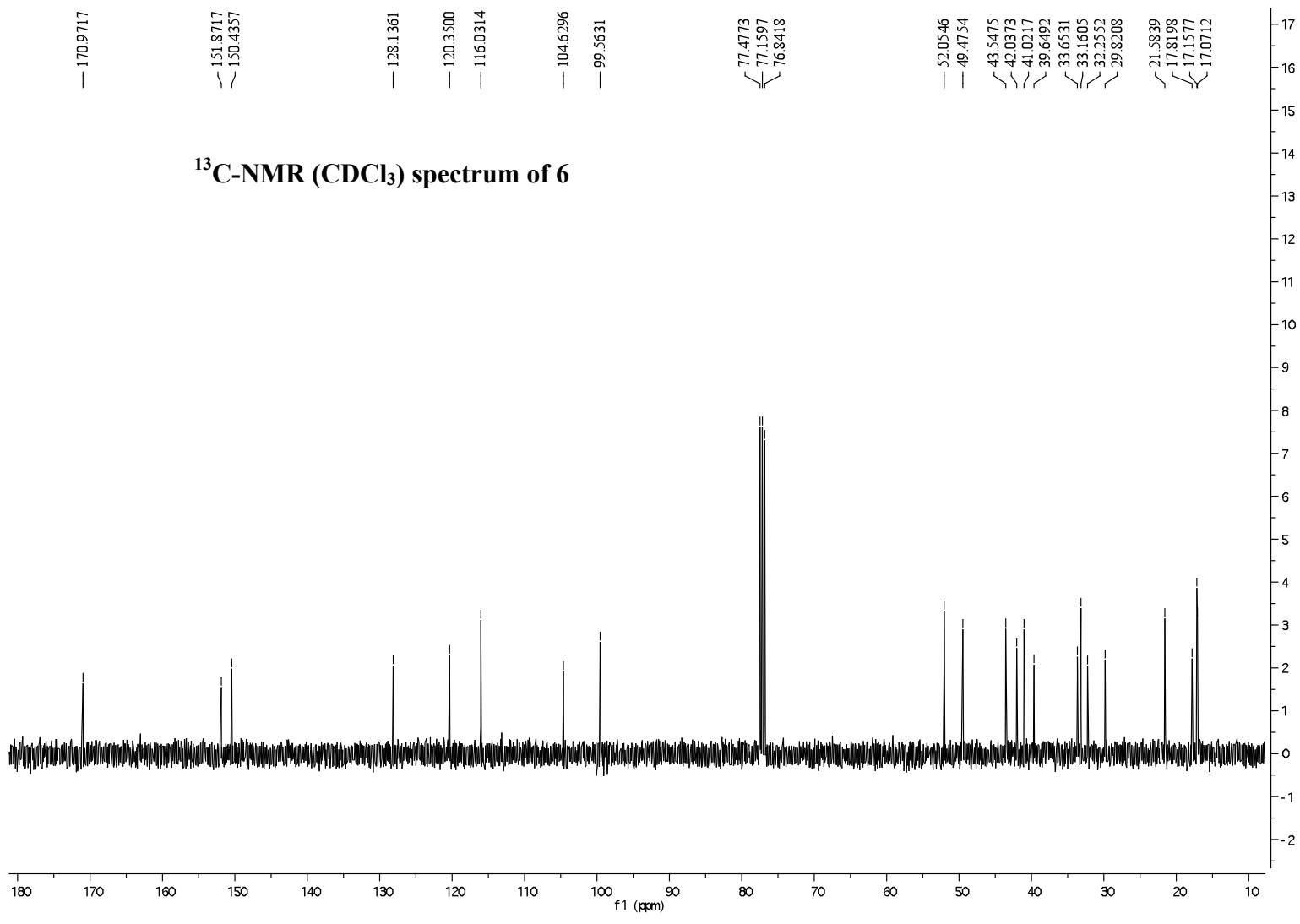
Purity of **1–9**

Compound	Purity
1	98.0%
2	99.1%
3	98.4%
4	97.5%
5	95.1%
6	96.9%
7	98.3%
8	98.3%
9	98.0%

HPLC was conducted on a Waters system, equipped with a 600 controller, a 996-photodiode array detector, and a semi-preparative HPLC column (Phenomenex Luna, ODS-3, C_{18}, 5 μm, 250 x 10.00 mm). Isocratic and gradient systems comprising $MeCN–H_2O$ solvent were used to generate optimal compound resolution. The purities of the compounds were judged on the percentage of the integrated signal at UV 220 nm.