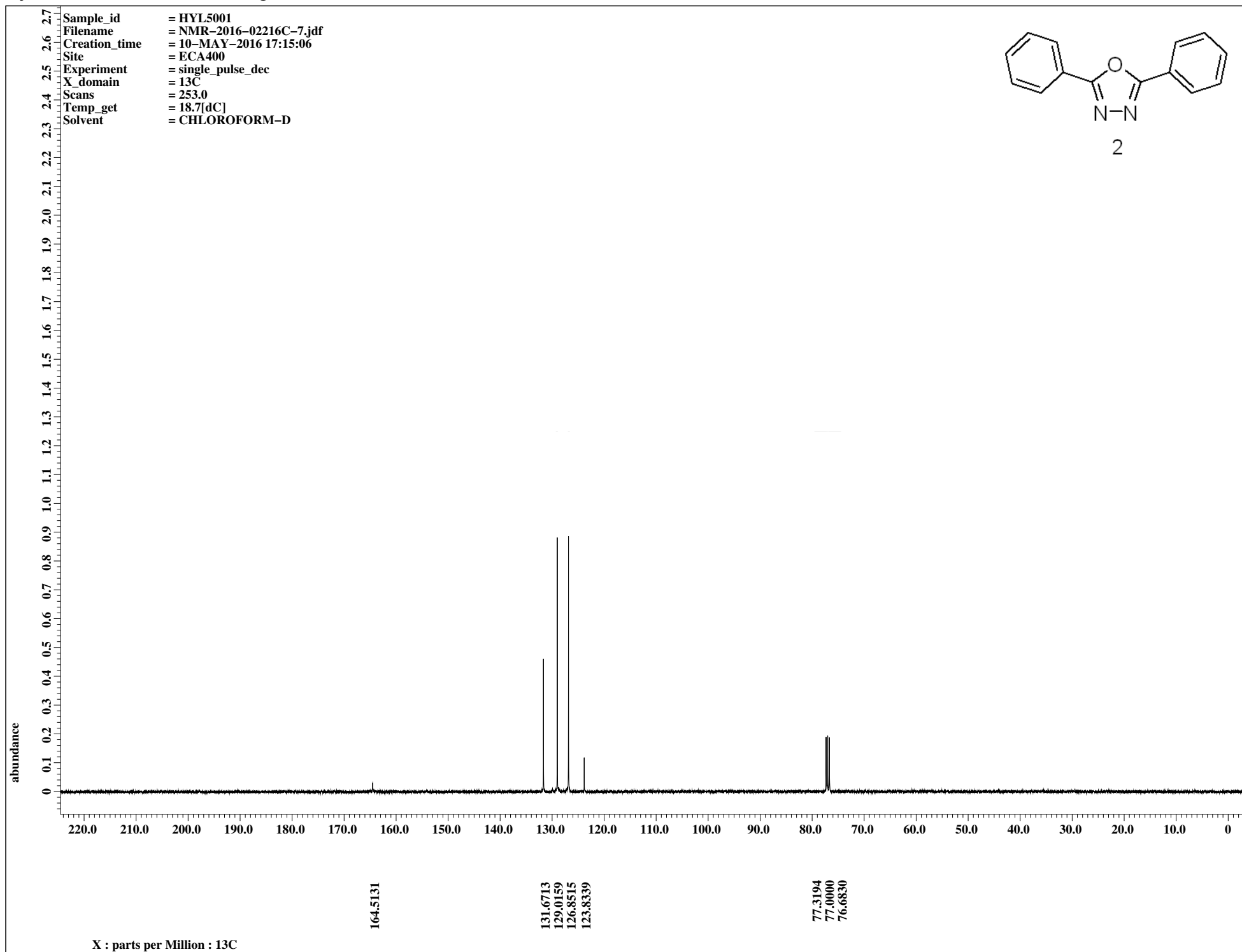
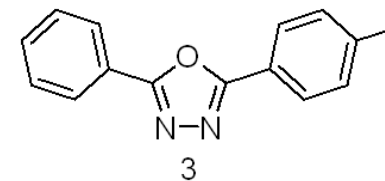
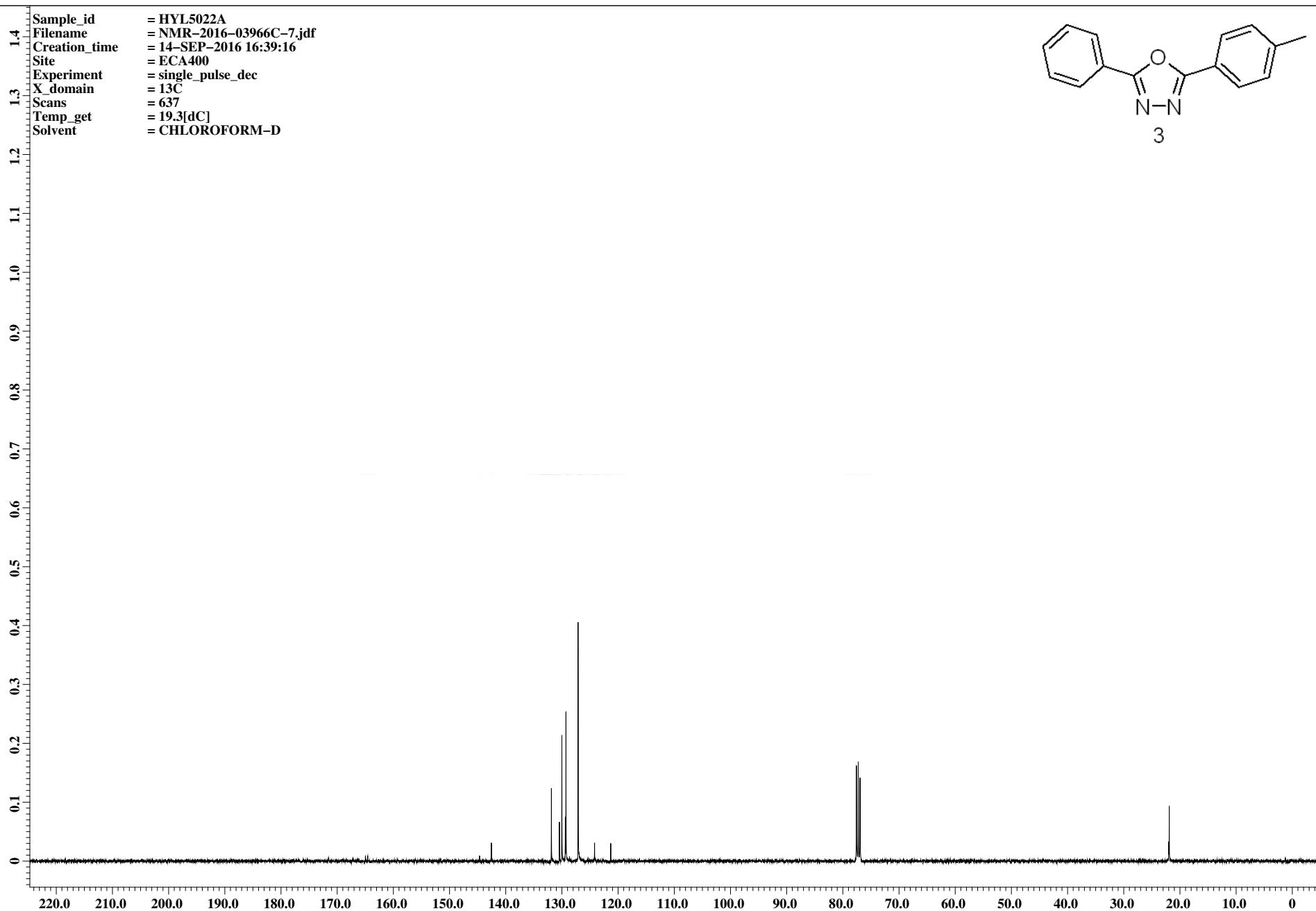




Sample_id = HYL5022A
Filename = NMR-2016-03966C-7.jdf
Creation_time = 14-SEP-2016 16:39:16
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 637
Temp_get = 19.3[dC]
Solvent = CHLOROFORM-D

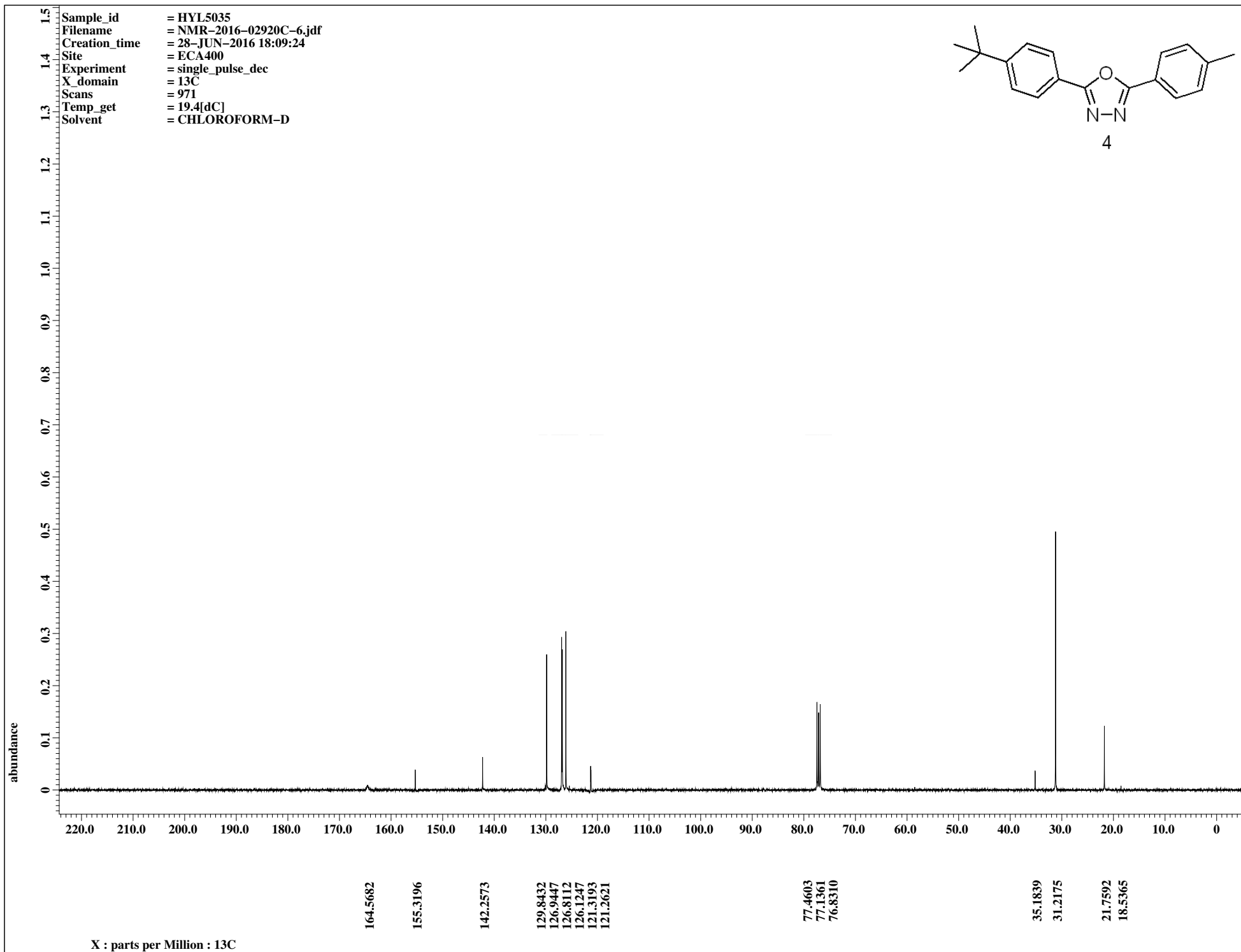
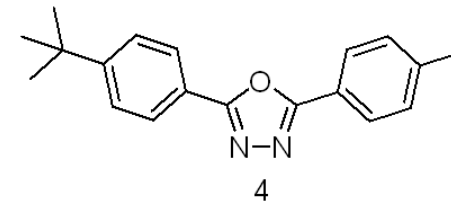


abundance

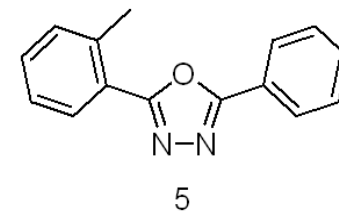


X : parts per Million : 13C

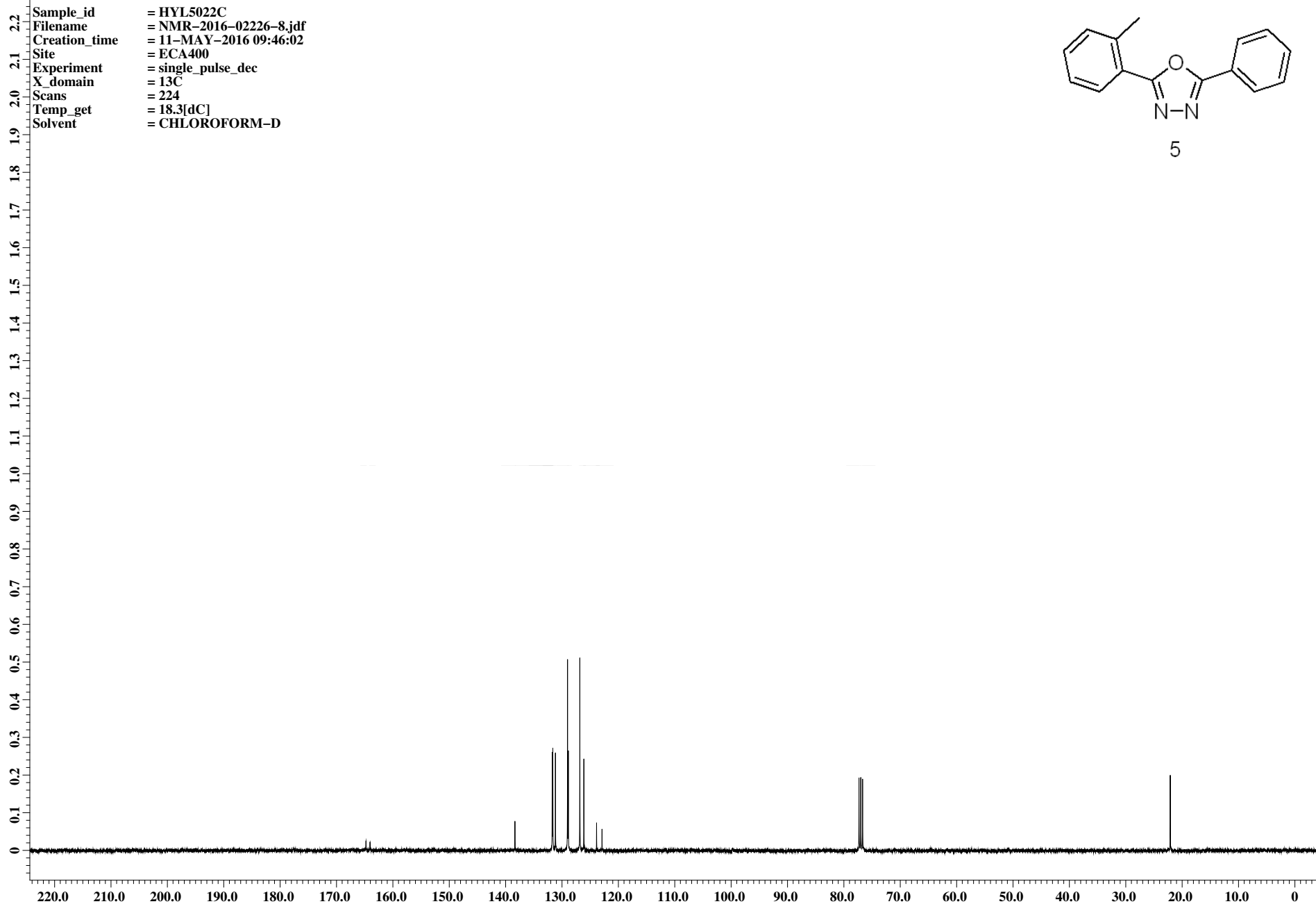
Sample_id = HYL5035
Filename = NMR-2016-02920C-6.jdf
Creation_time = 28-JUN-2016 18:09:24
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 971
Temp_get = 19.4[dC]
Solvent = CHLOROFORM-D



Sample_id = HYL5022C
Filename = NMR-2016-02226-8.jdf
Creation_time = 11-MAY-2016 09:46:02
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 224
Temp_get = 18.3[dC]
Solvent = CHLOROFORM-D

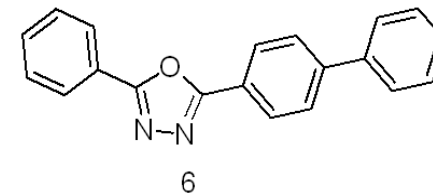


abundance

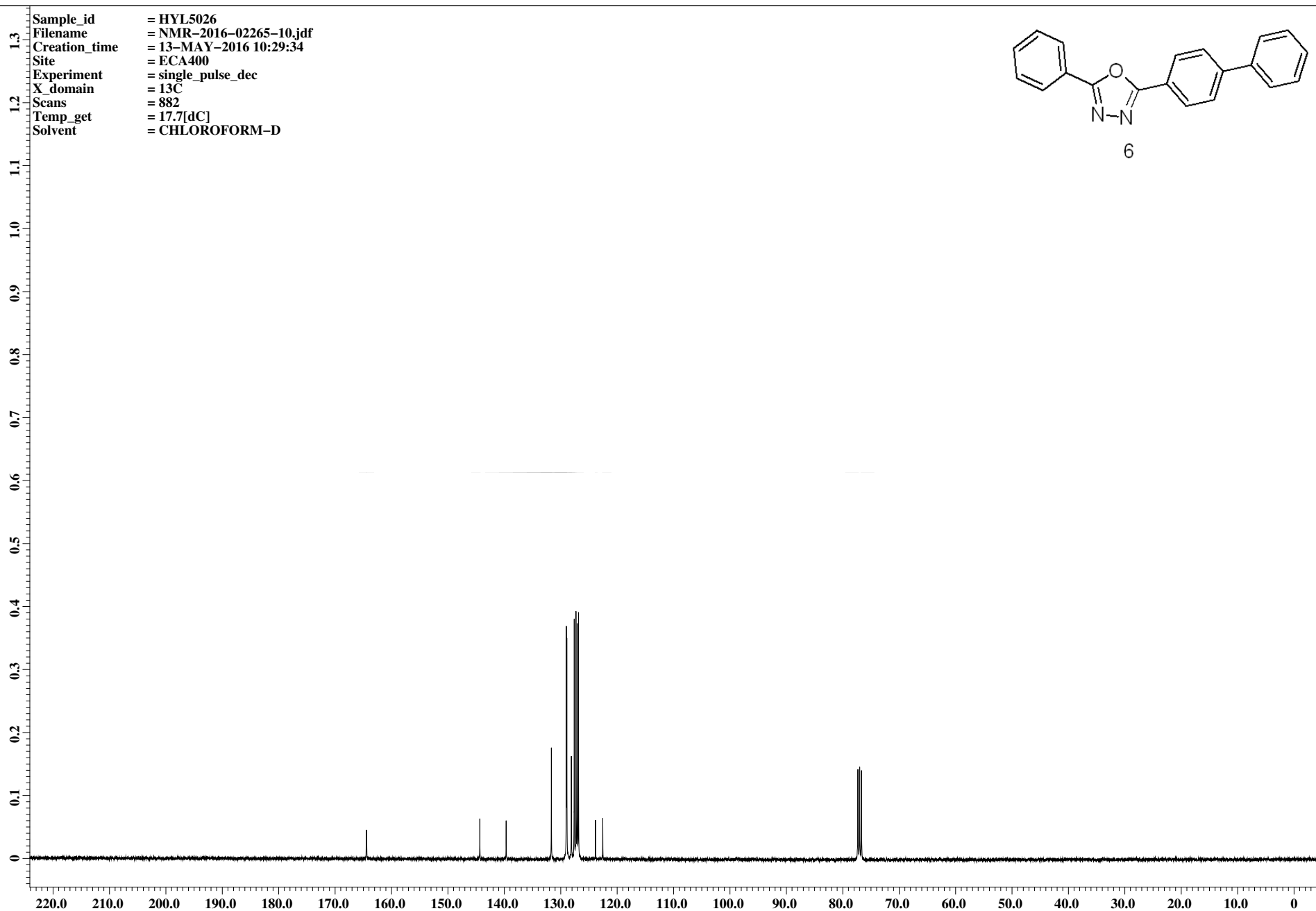


X : parts per Million : 13C

Sample_id = HYL5026
Filename = NMR-2016-02265-10.jdf
Creation_time = 13-MAY-2016 10:29:34
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 882
Temp_get = 17.7[dC]
Solvent = CHLOROFORM-D



abundance



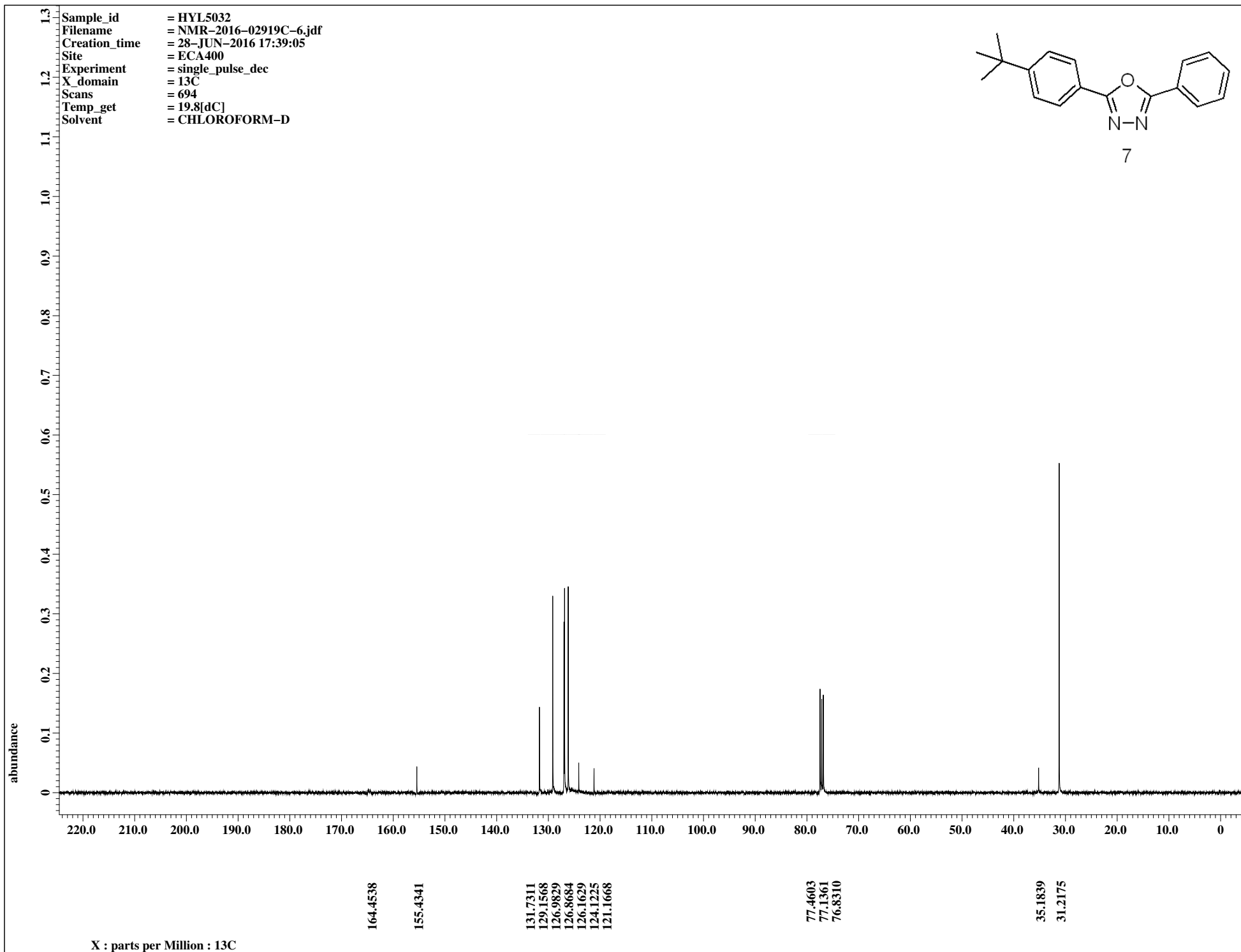
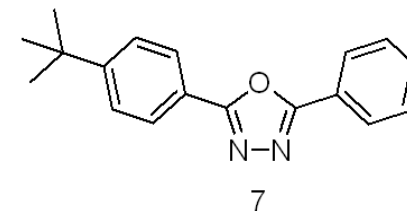
164.4821
164.3940

144.3427
131.6641
129.0135
128.9205
128.1196
127.6119
127.2997
127.0756
126.8563
123.8267
122.5467

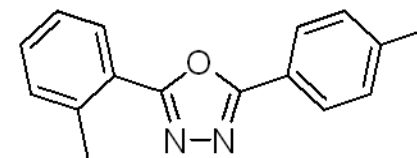
77.3170
77.0000
76.6830

X : parts per Million : 13C

Sample_id = HYL5032
Filename = NMR-2016-02919C-6.jdf
Creation_time = 28-JUN-2016 17:39:05
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 694
Temp_get = 19.8[dC]
Solvent = CHLOROFORM-D

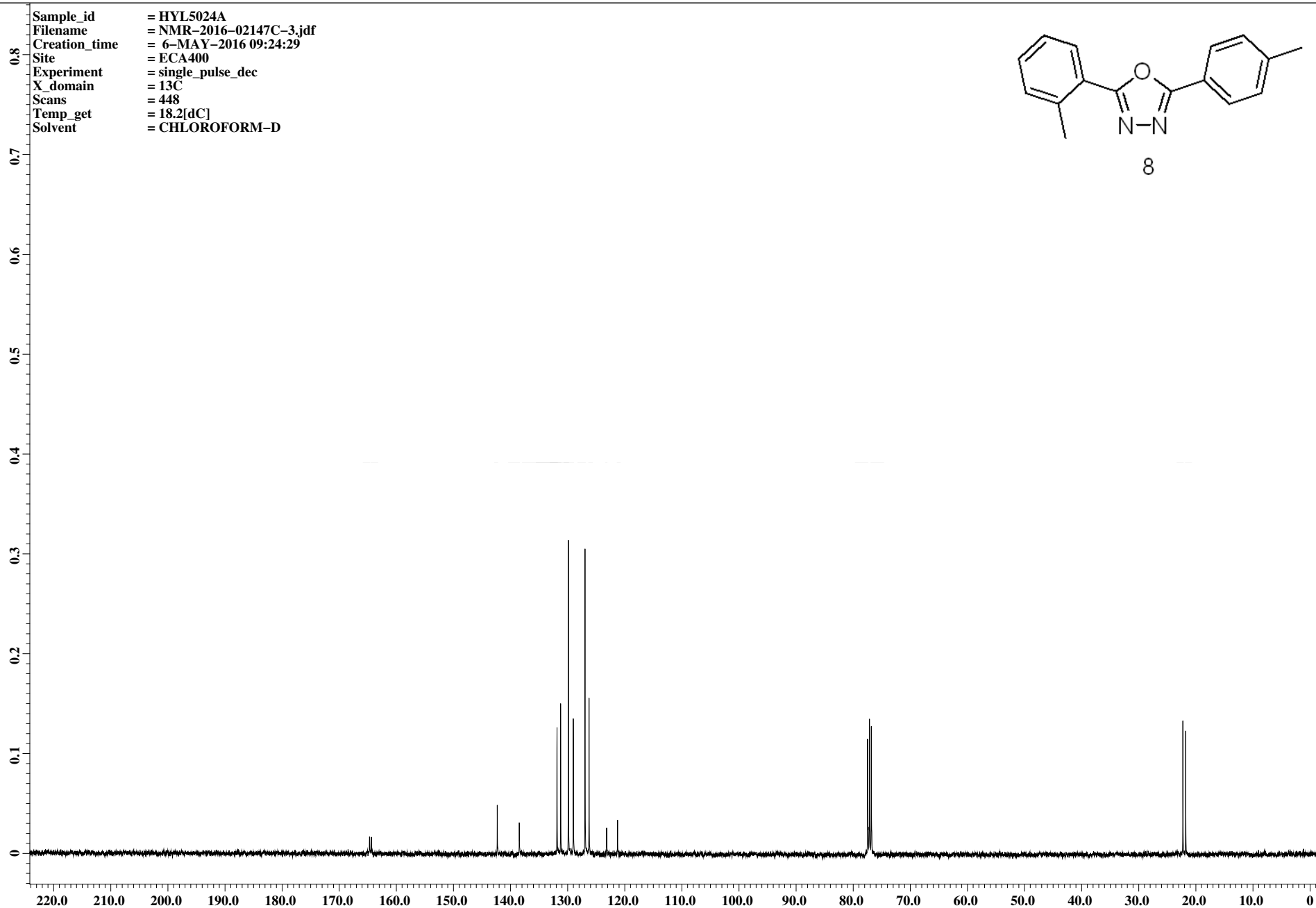


Sample_id = HYL5024A
Filename = NMR-2016-02147C-3.jdf
Creation_time = 6-MAY-2016 09:24:29
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 448
Temp_get = 18.2[dC]
Solvent = CHLOROFORM-D



8

abundance



164.7017
164.3775

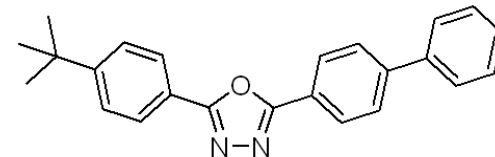
142.3335
138.4816
131.8646
131.2353
129.8814
129.0233
126.9638
126.2582
123.1690
121.2621

77.4793
77.1551
76.8310

22.2741
21.7783

X : parts per Million : 13C

Sample_id = HYL5037
Filename = NMR-2016-02817C-8.jdf
Creation_time = 21-JUN-2016 16:50:03
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 591
Temp_get = 20[dC]
Solvent = CHLOROFORM-D



9

abundance

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

164.3966

155.4531

144.4502

139.9308

129.0995

128.2605

127.7838

127.4596

127.2689

126.8875

126.1820

122.8639

121.1858

77.4603

77.1361

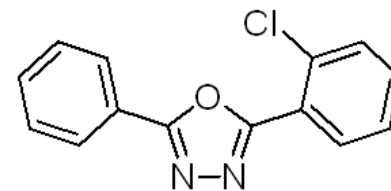
76.8119

35.2030

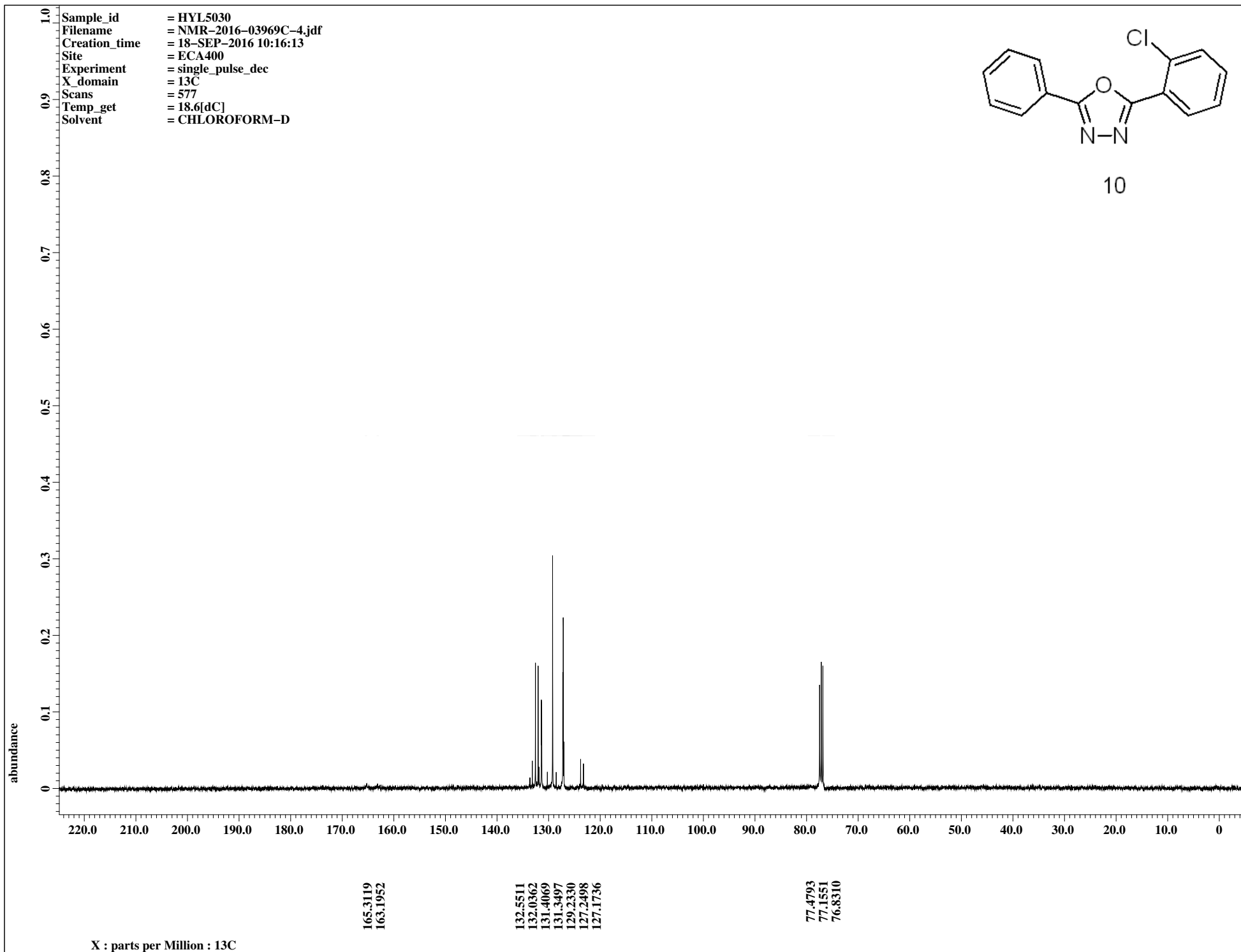
31.2366

X : parts per Million : 13C

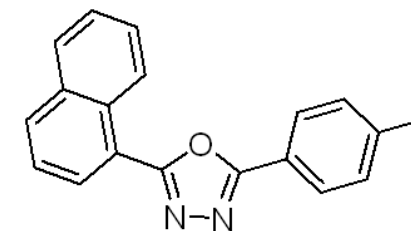
Sample_id = HYL5030
Filename = NMR-2016-03969C-4.jdf
Creation_time = 18-SEP-2016 10:16:13
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 577
Temp_get = 18.6[dC]
Solvent = CHLOROFORM-D



10



Sample_id = WQY6019
Filename = NMR-2017-01553C-5.jdf
Creation_time = 17-FEB-2017 17:05:51
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 1045
Temp_get = 19.1[dC]
Solvent = CHLOROFORM-D



11

abundance

0.5

0.4

0.3

0.2

0.1

0

220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

164.4347

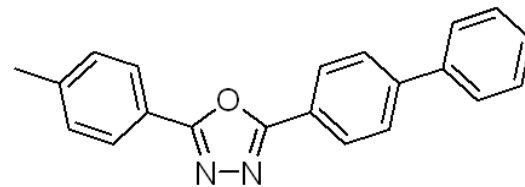
142.4861
132.5987
130.2056
129.9386
128.7754
128.4131
128.2605
127.1163
126.8303
126.3727
124.9806
121.2049
120.7091

77.4412
77.1170
76.8119

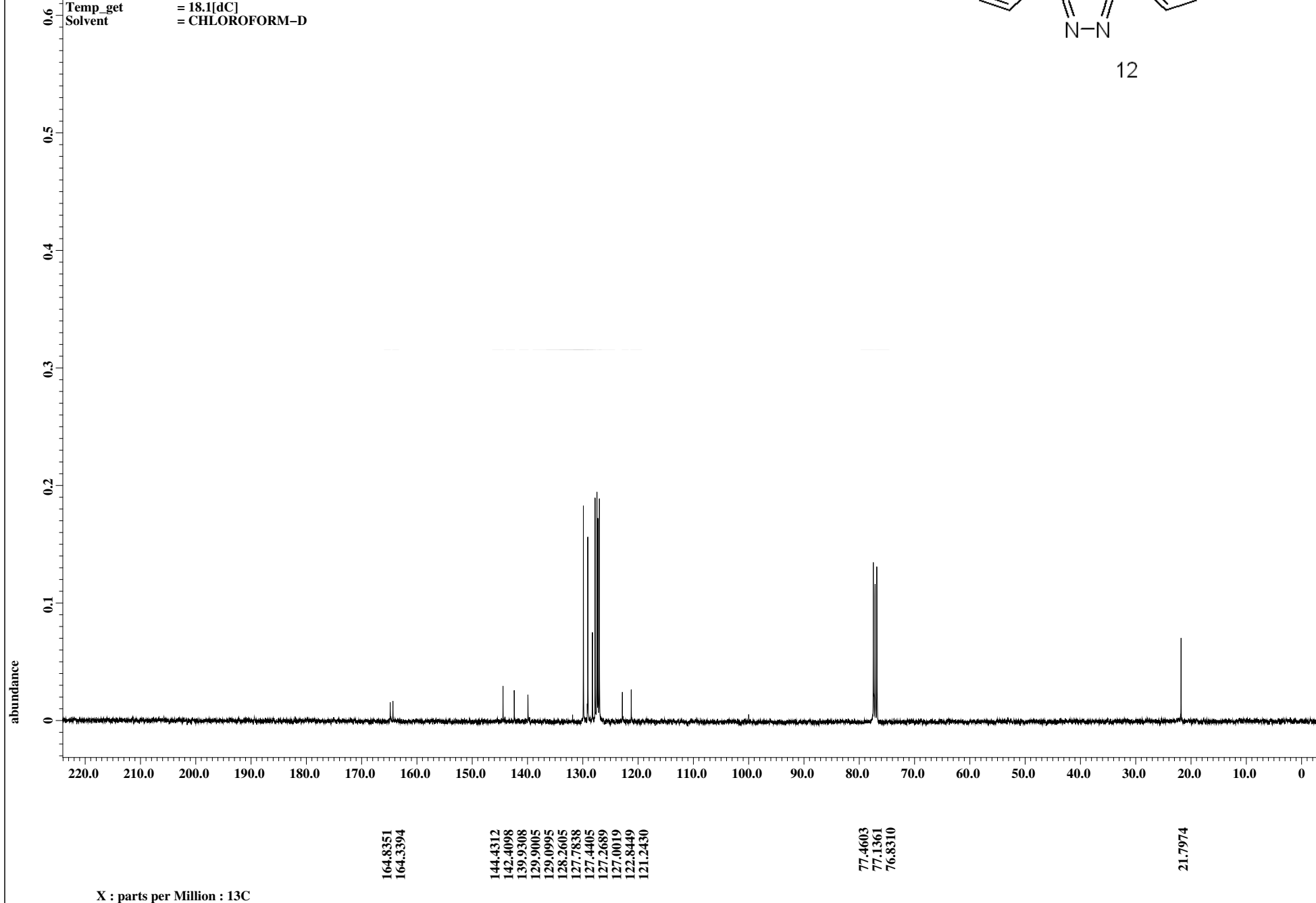
21.8260

X : parts per Million : 13C

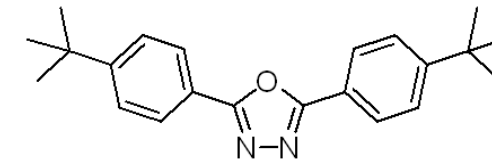
Sample_id = HYL5027
Filename = NMR-2016-02167C-3.jdf
Creation_time = 6-MAY-2016 16:14:02
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 632
Temp_get = 18.1[dC]
Solvent = CHLOROFORM-D



12



Sample_id = WQY6020
Filename = NMR-2017-01554C-4.jdf
Creation_time = 17-FEB-2017 18:16:38
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 1036
Temp_get = 19.5[dC]
Solvent = DMSO-D6



13

abundance

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 -10.0

153.7369

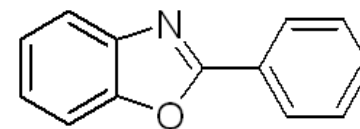
129.5191

125.0569

40.4470
40.2372
40.0275
39.8177
39.6080
39.3982
31.5989

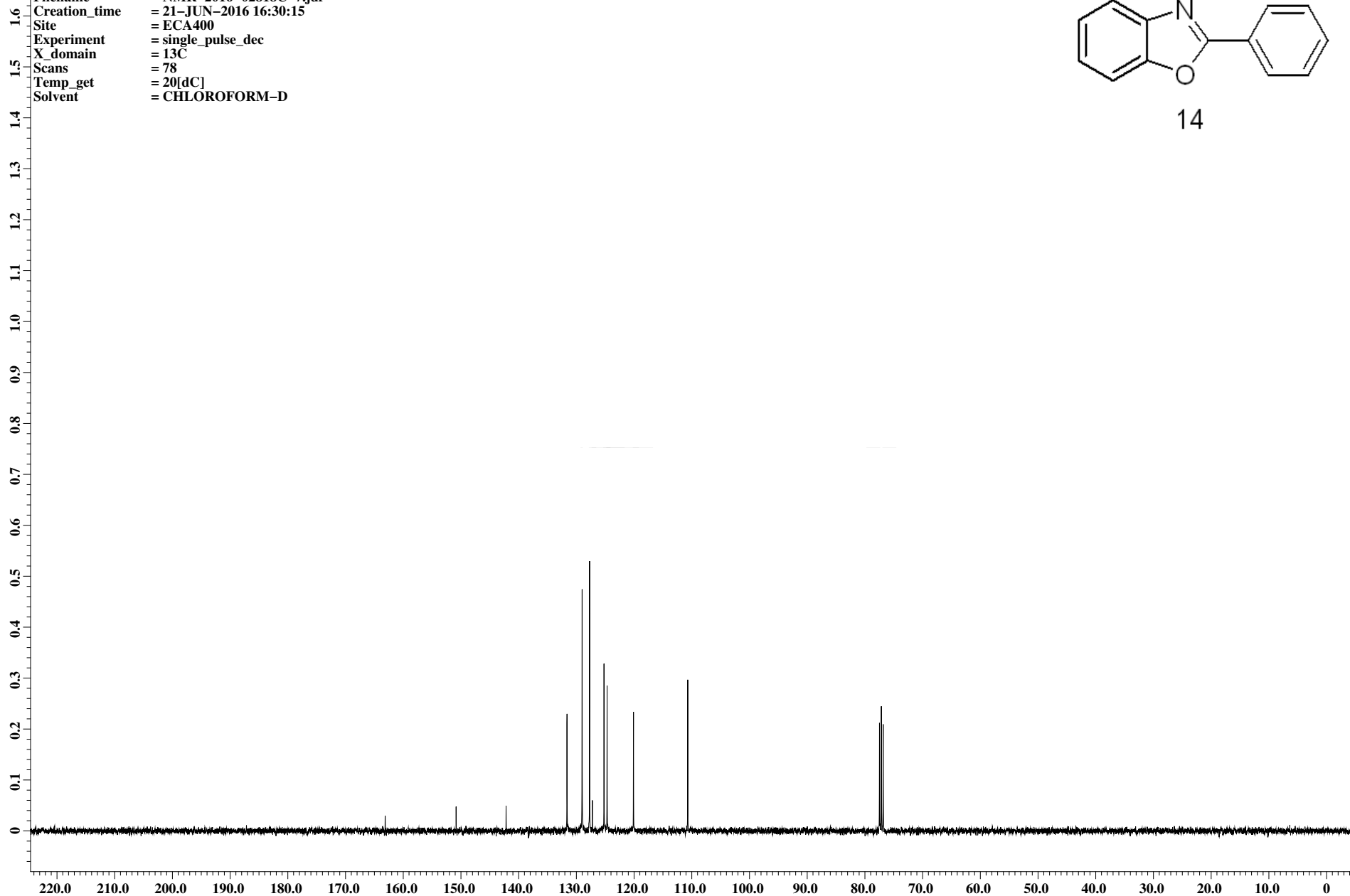
X : parts per Million : 13C

Sample_id = HYL6019
Filename = NMR-2016-02818C-7.jdf
Creation_time = 21-JUN-2016 16:30:15
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 78
Temp_get = 20[dC]
Solvent = CHLOROFORM-D



14

abundance



163.1285

150.8384

142.1810

131.6167

129.0137

127.7075

127.2308

125.2094

124.6755

120.0989

110.6978

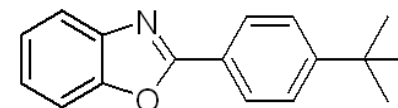
77.4793

77.1551

76.8310

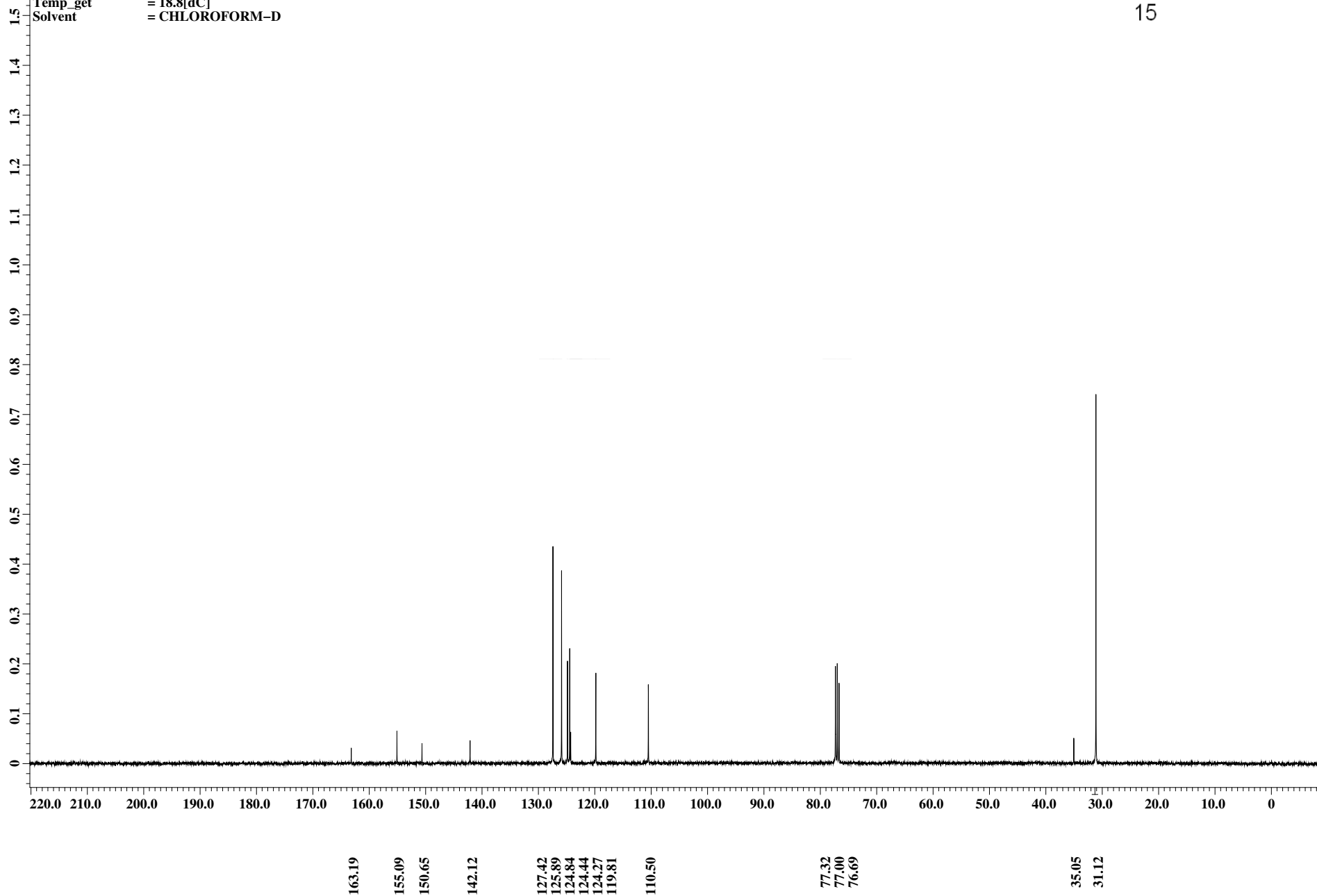
X : parts per Million : 13C

Sample_id = HYL6033
Filename = NMR-2016-02993C-5.jdf
Creation_time = 1-JUL-2016 15:26:27
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 490
Temp_get = 18.8[dC]
Solvent = CHLOROFORM-D



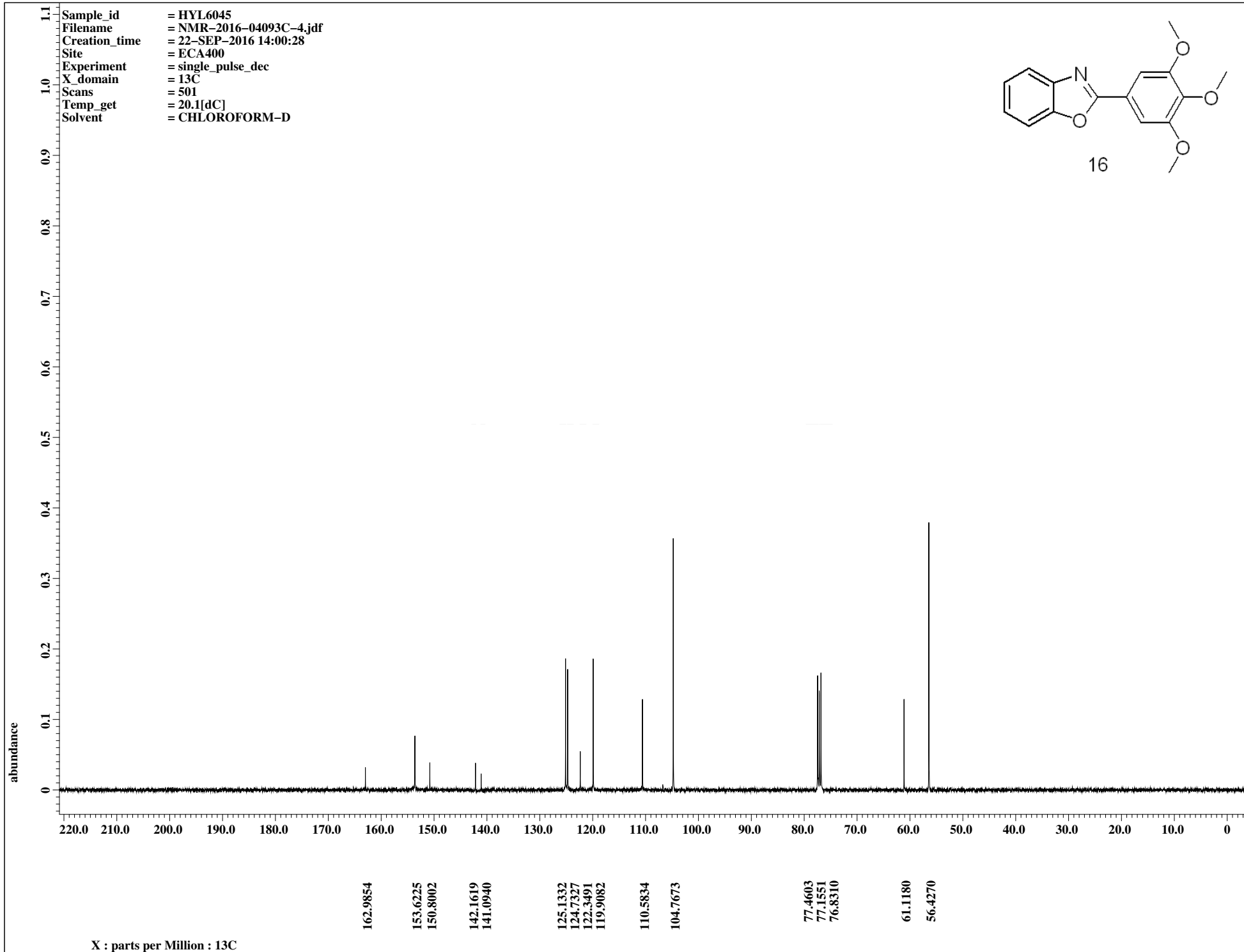
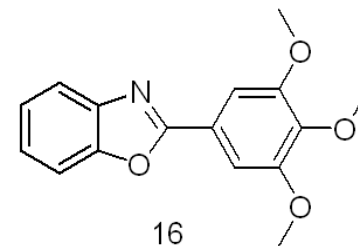
15

abundance

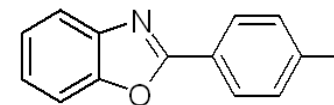


X : parts per Million : 13C

Sample_id = HYL6045
Filename = NMR-2016-04093C-4.jdf
Creation_time = 22-SEP-2016 14:00:28
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 501
Temp_get = 20.1[dC]
Solvent = CHLOROFORM-D



Sample_id = HYL6048
Filename = NMR-2016-03970C-6.jdf
Creation_time = 18-SEP-2016 10:24:49
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 98
Temp_get = 18.4[dC]
Solvent = CHLOROFORM-D



17

abundance

1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

163.5024

150.8786

142.2975

129.8644

127.8049

125.0971

124.7157

124.5632

120.0438

110.7189

77.5767

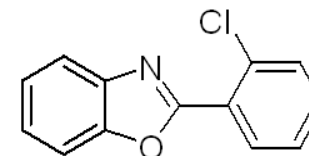
77.2716

76.9474

21.8757

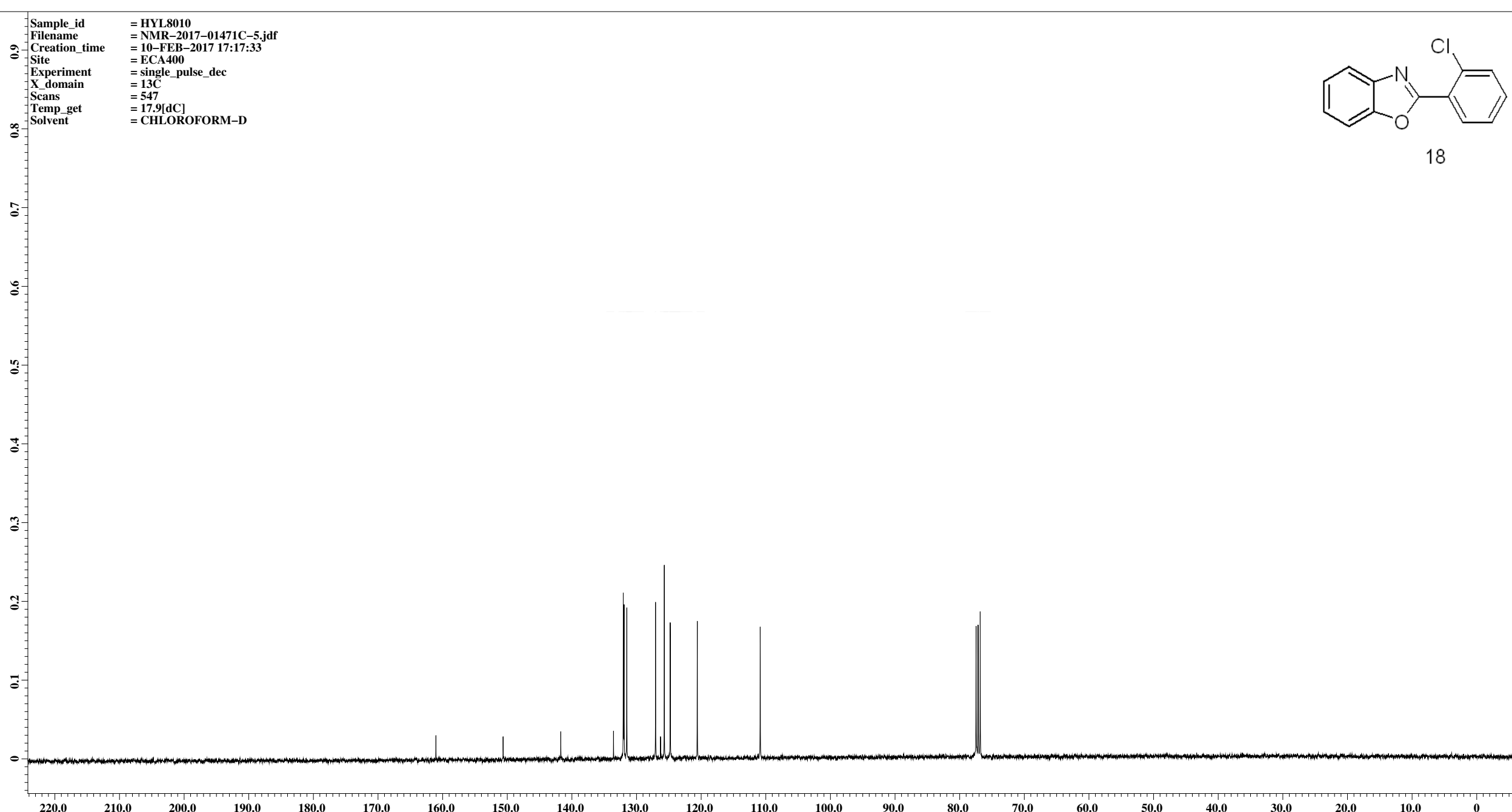
X : parts per Million : 13C

Sample_id = HYL8010
Filename = NMR-2017-01471C-5.jdf
Creation_time = 10-FEB-2017 17:17:33
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 547
Temp_get = 17.9[dC]
Solvent = CHLOROFORM-D



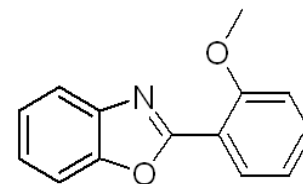
18

abundance

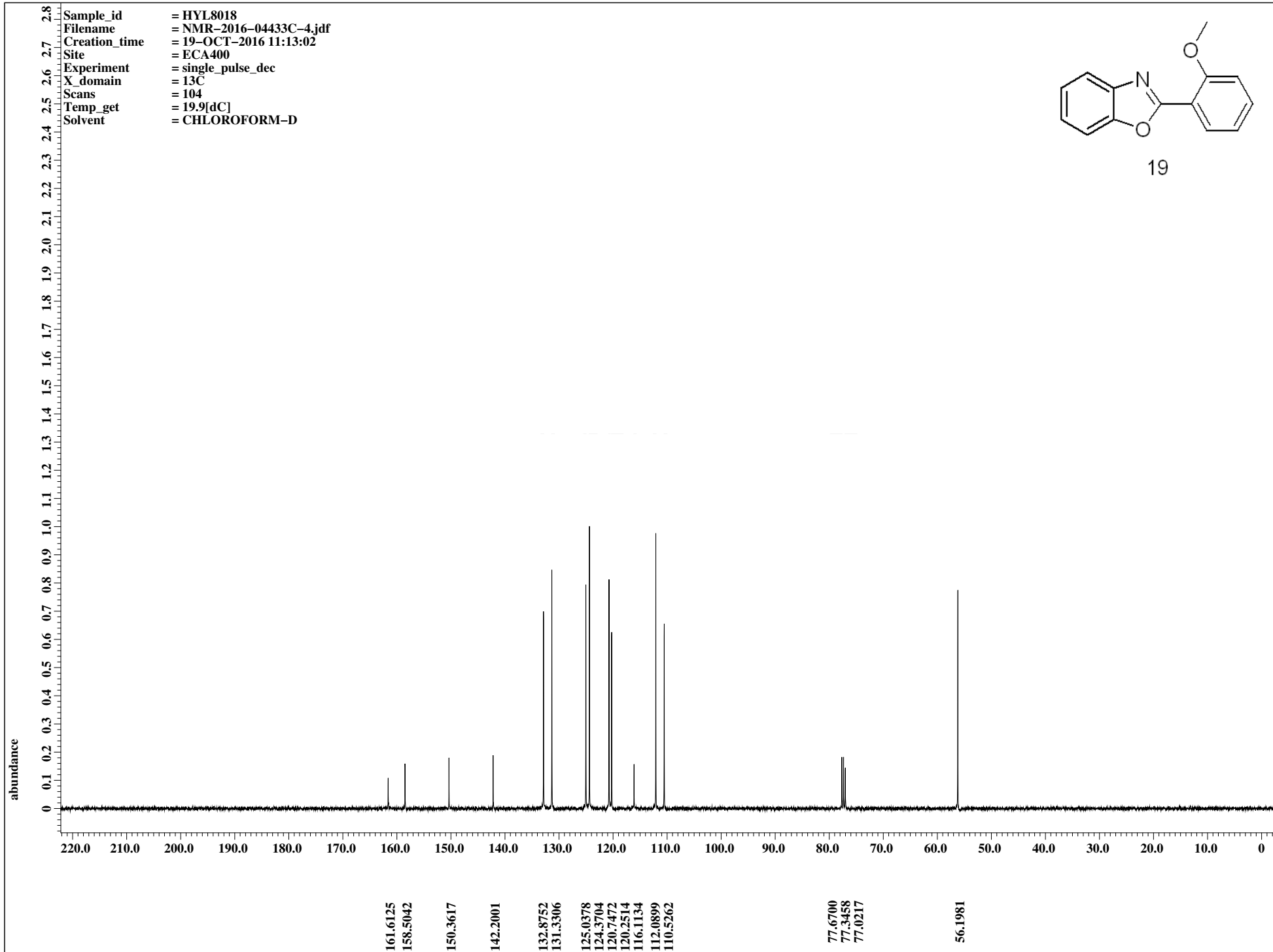


X : parts per Million : 13C

Sample_id = HYL8018
Filename = NMR-2016-04433C-4.jdf
Creation_time = 19-OCT-2016 11:13:02
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 104
Temp_get = 19.9[dC]
Solvent = CHLOROFORM-D

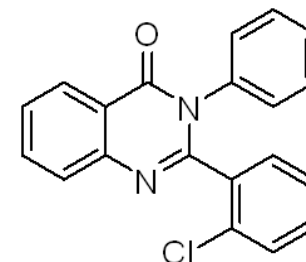


19



X : parts per Million : 13C

Sample_id = HYL6013
Filename = NMR-2016-02921C-4.jdf
Creation_time = 28-JUN-2016 18:37:22
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 1000
Temp_get = 19.3[dC]
Solvent = CHLOROFORM-D



21

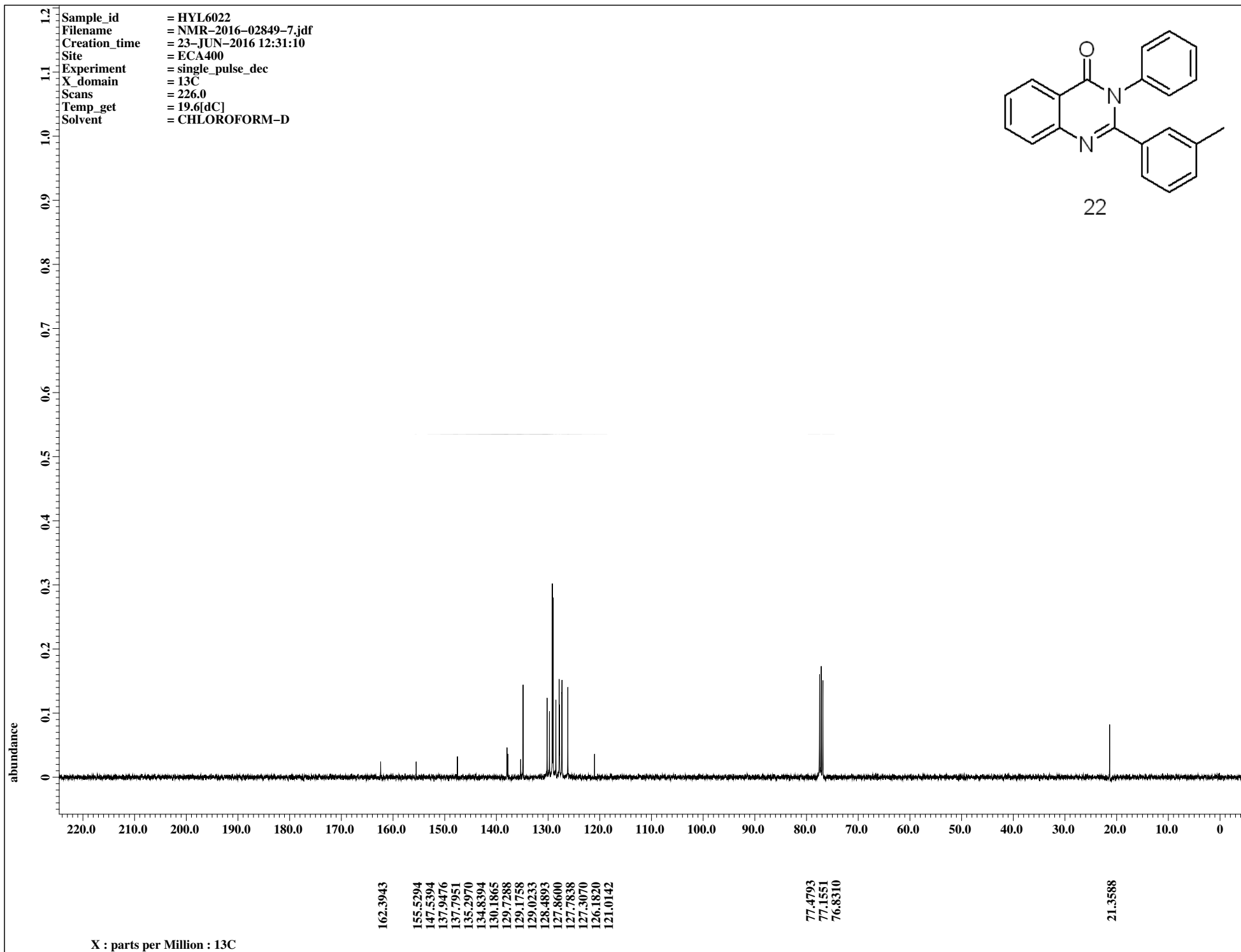
abundance

0.5
0.4
0.3
0.2
0.1
0

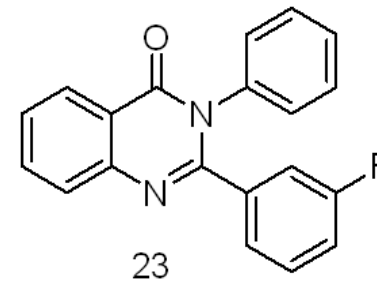
220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

162.1273
153.0504
147.3106
134.9156
130.6632
130.3581
129.6335
129.1568
128.9851
128.8516
127.8791
127.7838
127.3261
126.5252
77.4793
77.1551
76.8500

X : parts per Million : 13C



Sample_id = HYL6023
Filename = NMR-2016-02850-5.jdf
Creation_time = 23-JUN-2016 12:45:43
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 462
Temp_get = 19.5[dC]
Solvent = CHLOROFORM-D



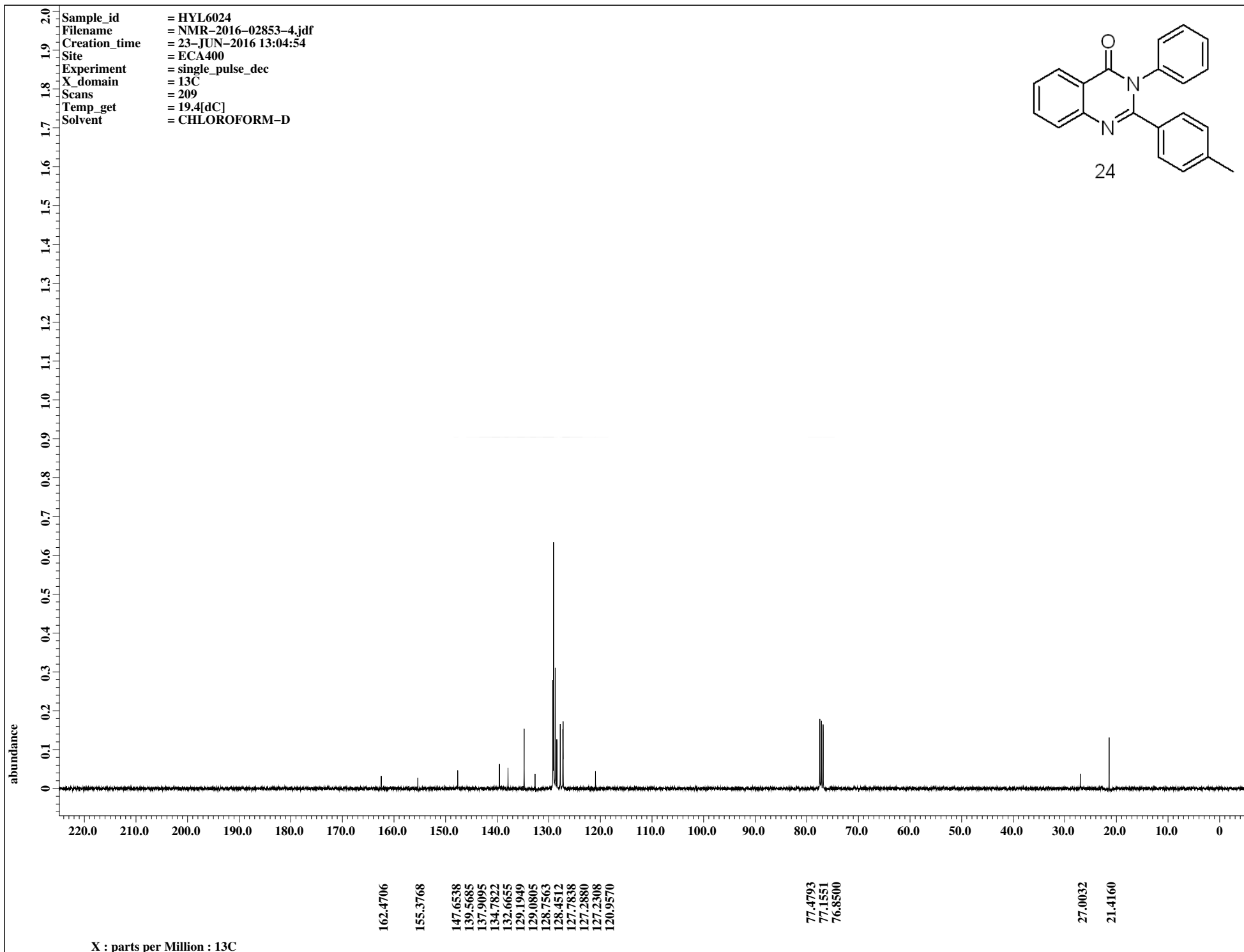
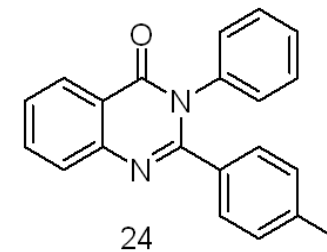
abundance

0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

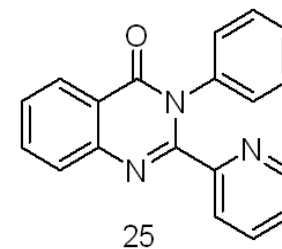
220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

163.3859
162.1655
160.9260
153.8704
147.3297
134.9919
129.7479
129.2712
129.0805
128.8135
127.8600
127.7075
127.3643
124.9615
116.6665
116.4567
77.4603
77.1361
76.8310

X : parts per Million : 13C



Sample_id = HYL6026
Filename = NMR-2016-03968C-4.jdf
Creation_time = 18-SEP-2016 09:54:05
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 629
Temp_get = 18.6[dC]
Solvent = CHLOROFORM-D



abundance

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

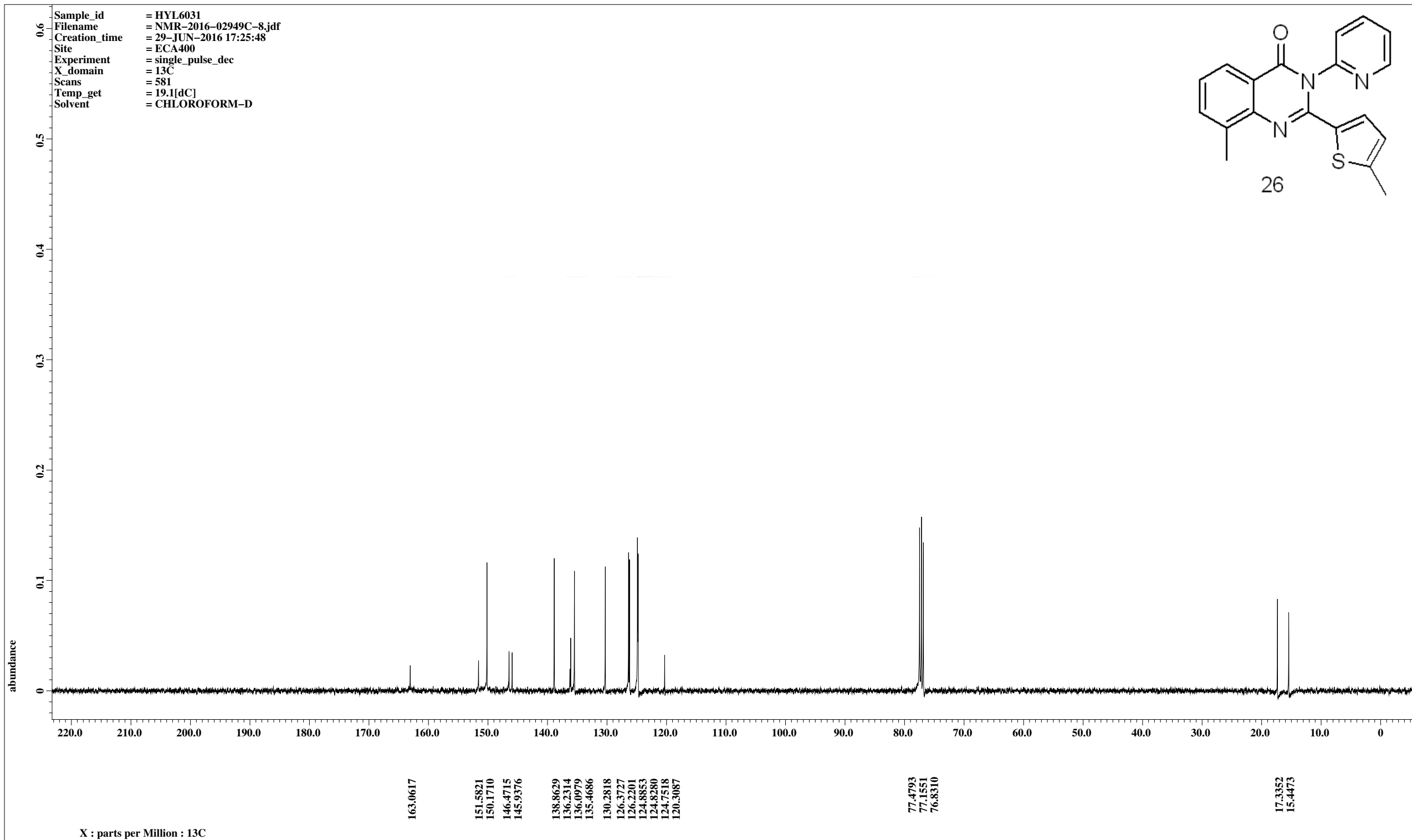
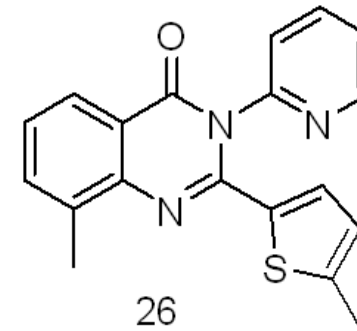
162.1464

147.3297
137.4900
136.4602
134.8584
129.0805
128.8707
128.4131
128.0698
127.8219
127.3833

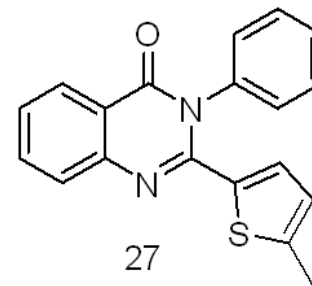
77.4793
77.1742
76.8500

X : parts per Million : 13C

Sample_id = HYL6031
Filename = NMR-2016-02949C-8.jdf
Creation_time = 29-JUN-2016 17:25:48
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 581
Temp_get = 19.1[dC]
Solvent = CHLOROFORM-D



Sample_id = WJ2004
Filename = NMR-2016-04174C-6.jdf
Creation_time = 27-SEP-2016 11:02:23
Site = ECA400
Experiment = single_pulse_dec
X_domain = 13C
Scans = 1041
Temp_get = 19.8[dC]
Solvent = CHLOROFORM-D



abundance

0.5
0.4
0.3
0.2
0.1
0

220.0 210.0 200.0 190.0 180.0 170.0 160.0 150.0 140.0 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0

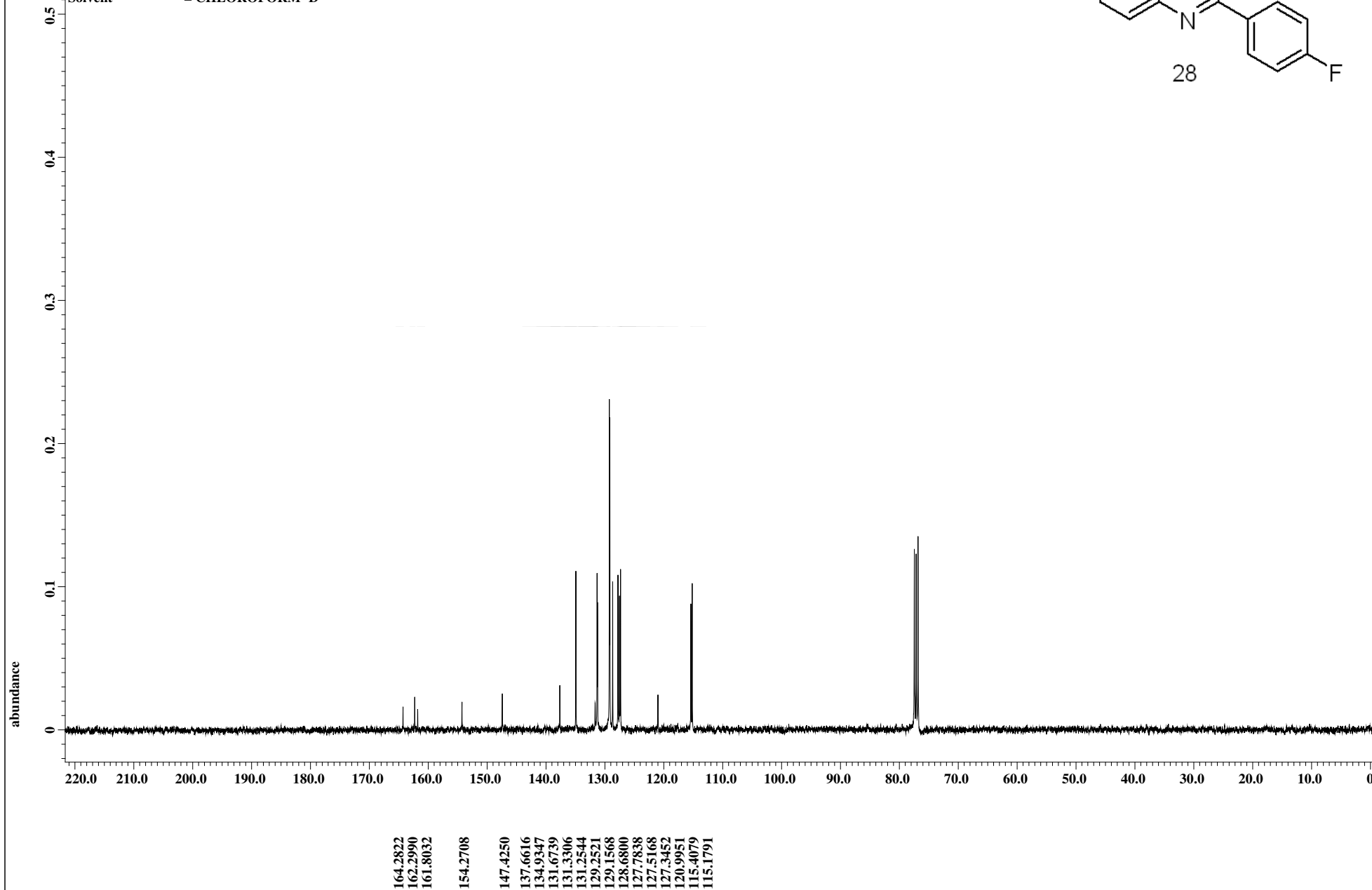
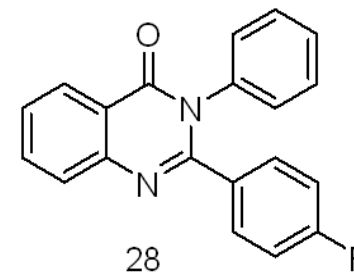
162.6803

147.9017
146.2236
137.9286
135.6021
134.7822
131.7502
129.8814
129.6525
129.2521
127.4215
127.2117
126.7159
126.2582
120.3087

15.4092

X : parts per Million : 13C

Sample_id = WJ2005
Filename = NMR-2016-04175C-4.jdf
Creation_time = 27-SEP-2016 11:21:52
Site = ECA400
Experiment = single_pulse_dec
X_domain = ^{13}C
Scans = 503
Temp_get = 20.1[dC]
Solvent = CHLOROFORM-D



X : parts per Million : ^{13}C