

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061118\
 Data File : BF106330.D
 Acq On : 12 Jun 2018 8:08
 Operator : JU/SJ
 Sample : J3309-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 11:06:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	199557	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	687062	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	323105	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	495438	20.00	ng	0.00
75) Chrysene-d12	14.15	240	539069	20.00	ng	-0.01
86) Perylene-d12	15.68	264	413856	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	684465	58.05	ng	0.00
7) Phenol-d6	6.59	99	542071	36.39	ng	0.00
23) Nitrobenzene-d5	7.54	82	1075601	92.10	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	414174	133.23	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1679717	96.16	ng	0.00
78) Terphenyl-d14	13.09	244	1639822	75.56	ng	0.00

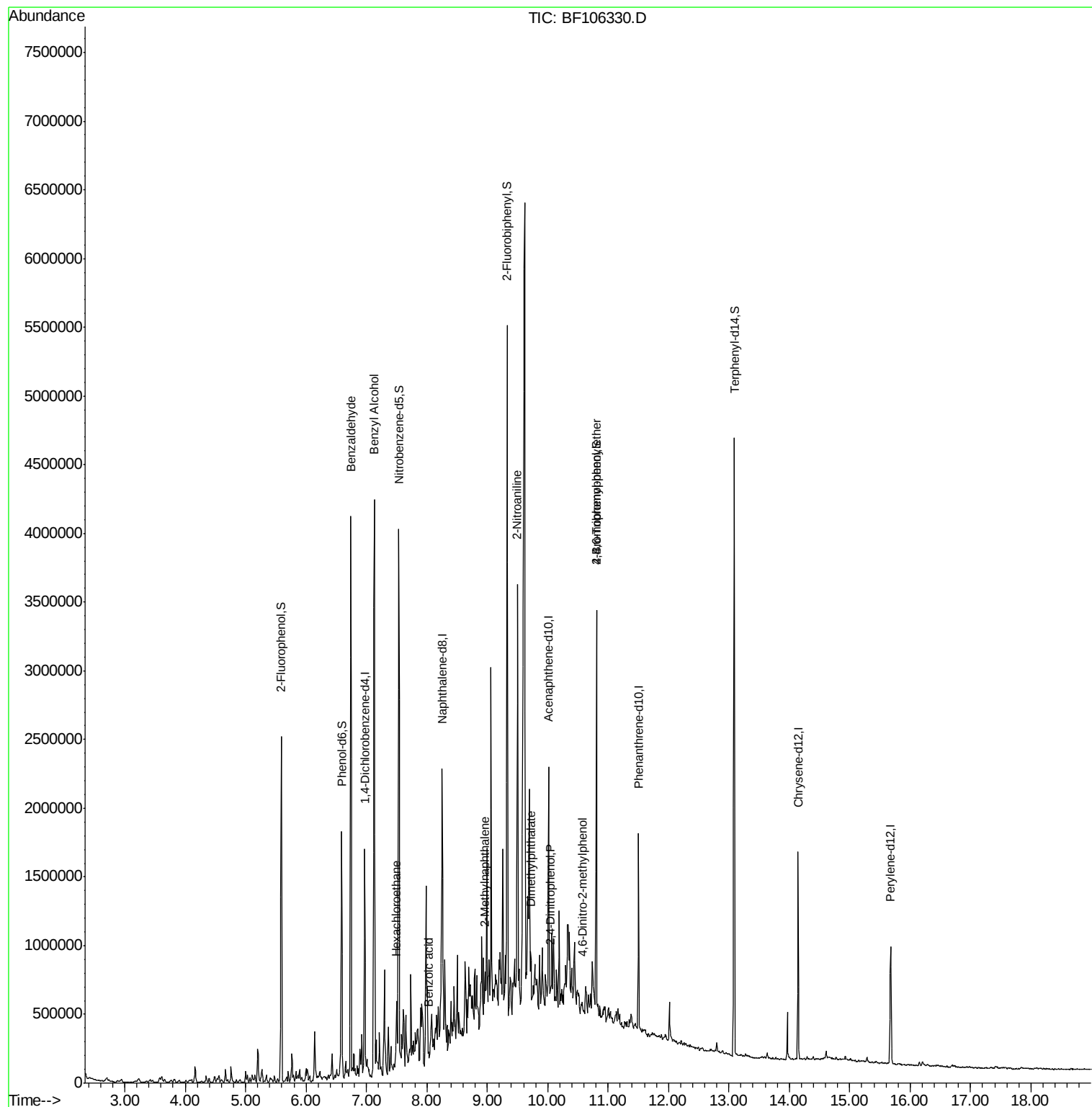
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	27688	2.450	ng	83
15) Benzyl Alcohol	7.13	79	25908	2.031	ng	# 48
18) Hexachloroethane	7.50	117	23228	4.305	ng	# 1
32) Benzoic acid	8.03	122	9111	8.374	ng	# 64
37) 2-Methylnaphthalene	8.97	142	76630	3.622	ng	94
47) 2-Nitroaniline	9.50	65	54359	8.628	ng	# 20
49) Dimethylphthalate	9.72	163	101135	4.381	ng	# 96
53) 2,4-Dinitrophenol	10.04	184	1053	9.048	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.57	198	250	6.376	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	26727	4.743	ng	# 1

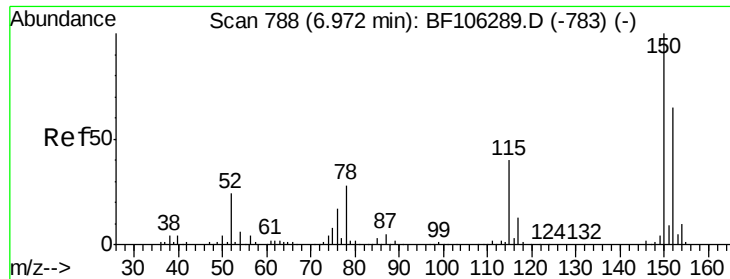
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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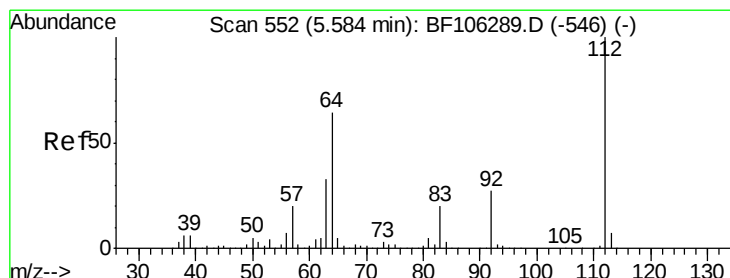
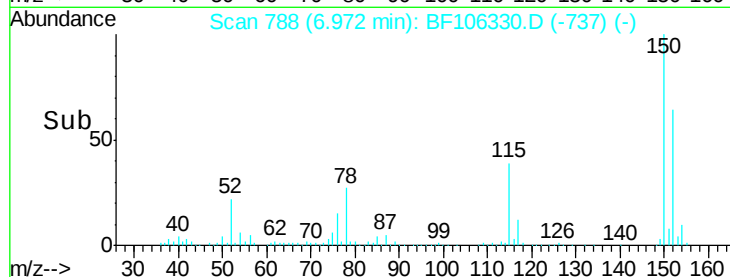
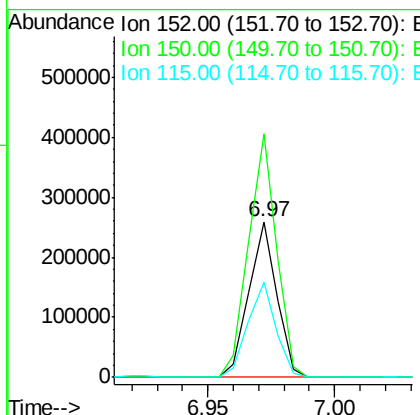
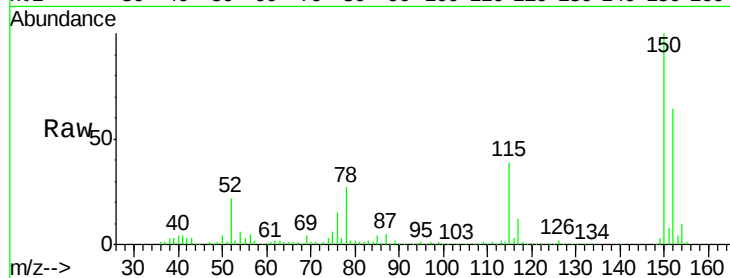




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF106330.D
 Acq: 12 Jun 2018 8:08

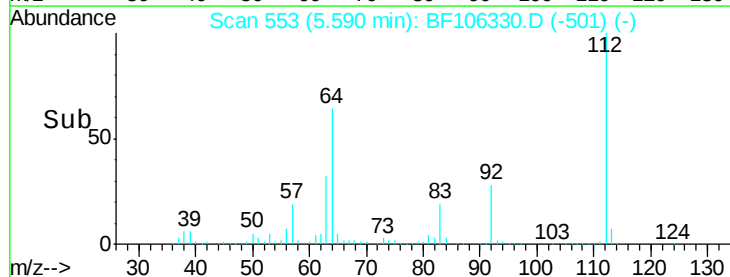
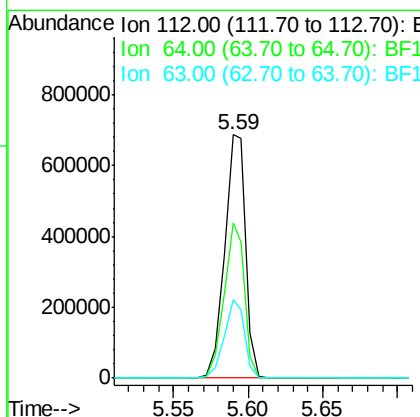
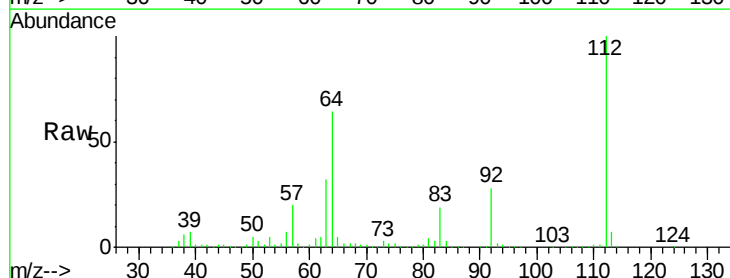
Instrument :
 BNA_F
 ClientSampleId :

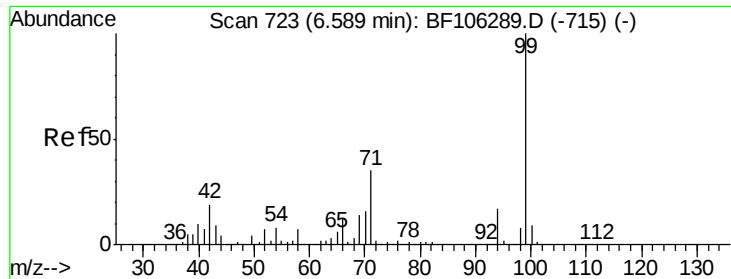
Tot Ion:152 Resp: 199557
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 61.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 58.051 ng
 RT: 5.59 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF106330.D
 Acq: 12 Jun 2018 8:08

Tgt Ion:112 Resp: 684465
 Ion Ratio Lower Upper
 112 100
 64 63.5 47.9 71.9
 63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 36.389 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

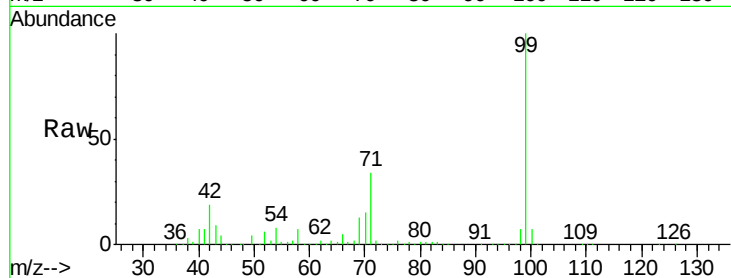
Tot Ion: 99 Resp: 542071

Ion Ratio Lower Upper

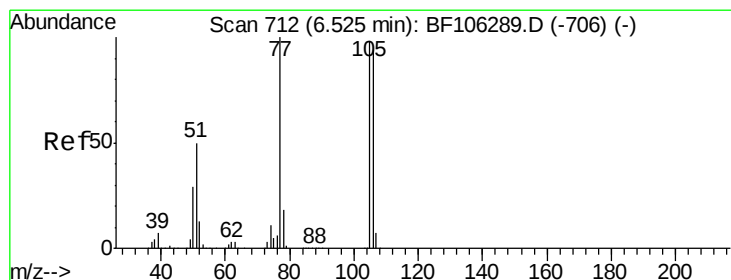
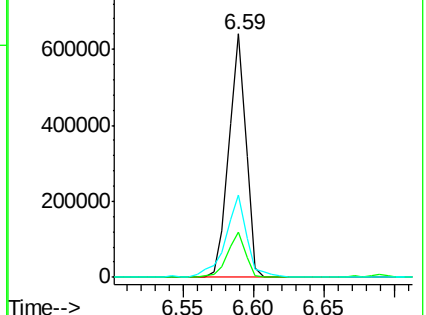
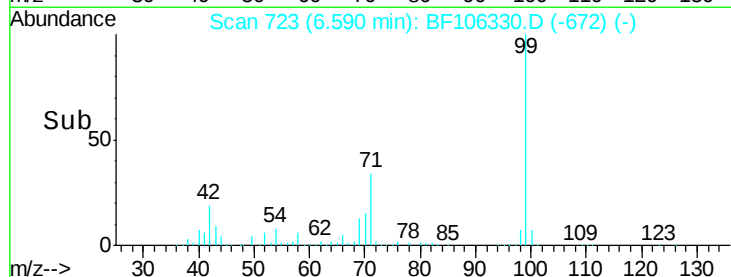
99 100

42 18.8 14.5 21.7

71 33.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.450 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

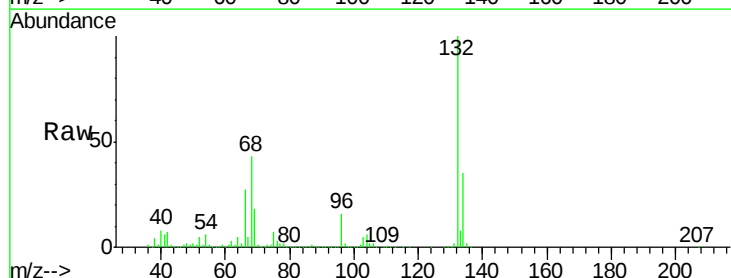
Tgt Ion: 77 Resp: 27688

Ion Ratio Lower Upper

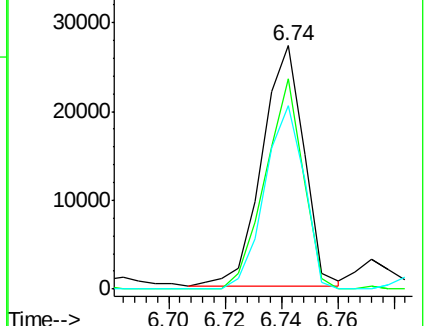
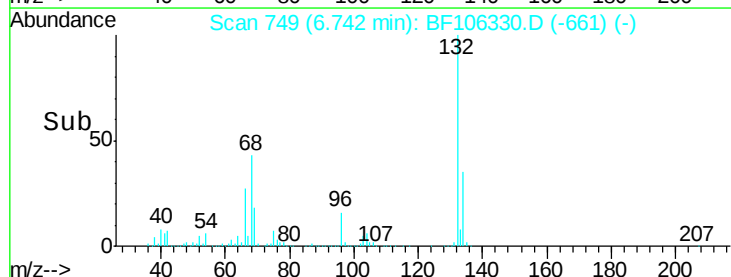
77 100

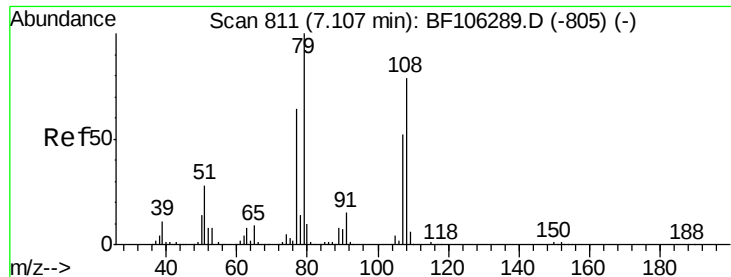
105 86.5 81.1 121.1

106 75.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1





#15

Benzyl Alcohol

Concen: 2.031 ng

RT: 7.13 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

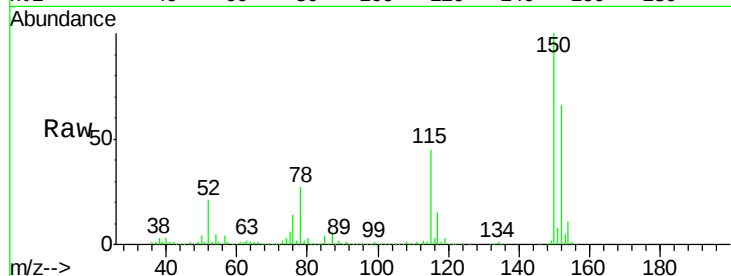
Tot Ion: 79 Resp: 25908

Ion Ratio Lower Upper

79 100

108 34.2 65.1 97.7#

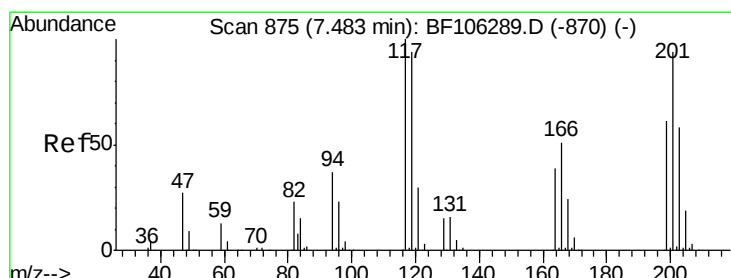
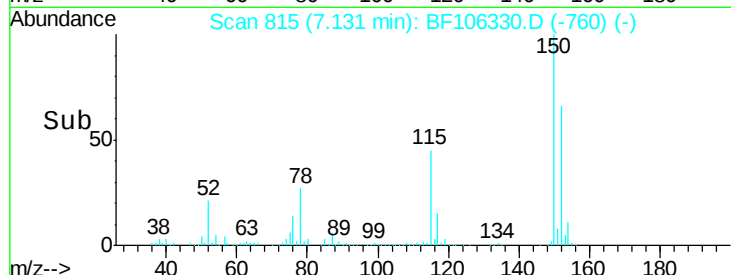
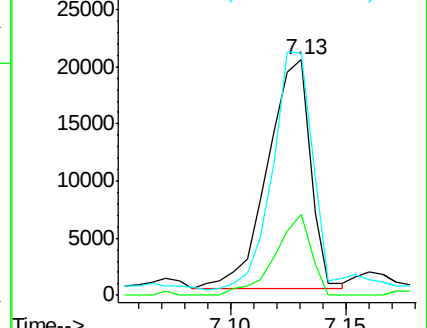
77 103.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 4.305 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.02 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

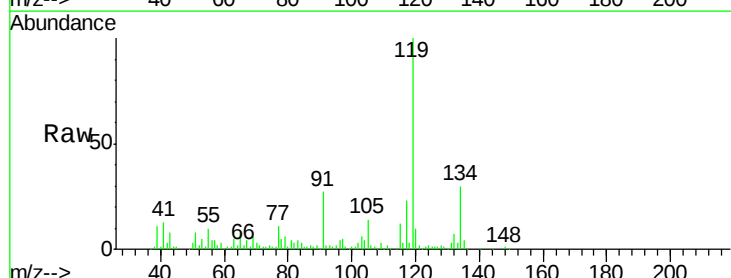
Tgt Ion: 117 Resp: 23228

Ion Ratio Lower Upper

117 100

119 442.0 75.8 113.8#

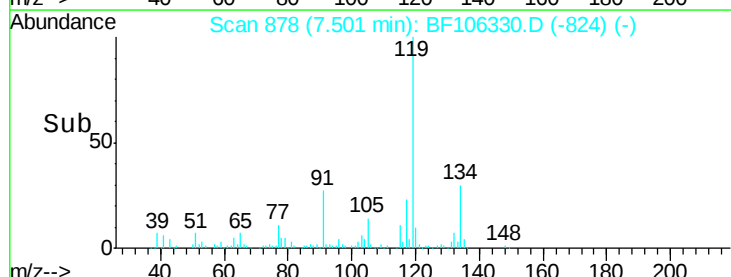
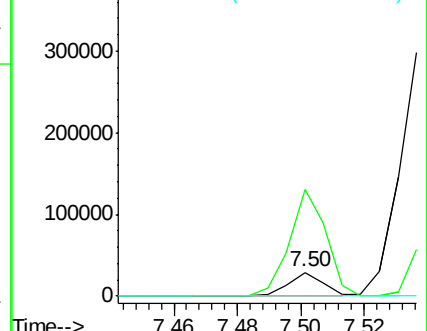
201 0.0 75.7 113.5#

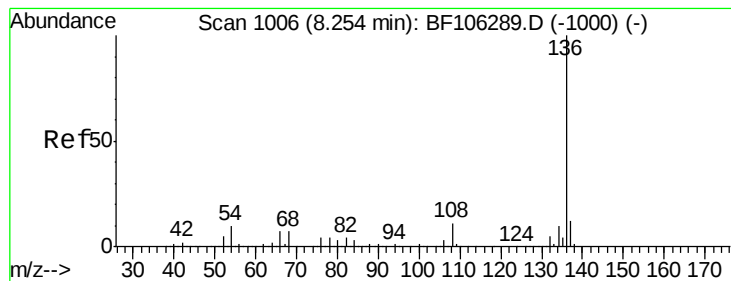


Abundance Ion 117.00 (116.70 to 117.70): BF1

Ion 119.00 (118.70 to 119.70): BF1

Ion 201.00 (200.70 to 201.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 687062

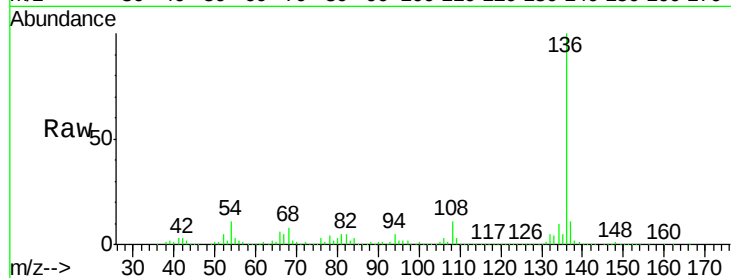
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.5 6.6 9.8#

68 8.3 5.0 7.4#

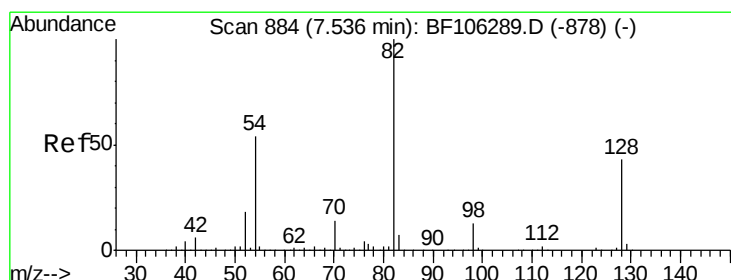
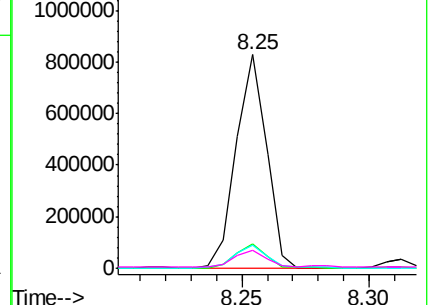
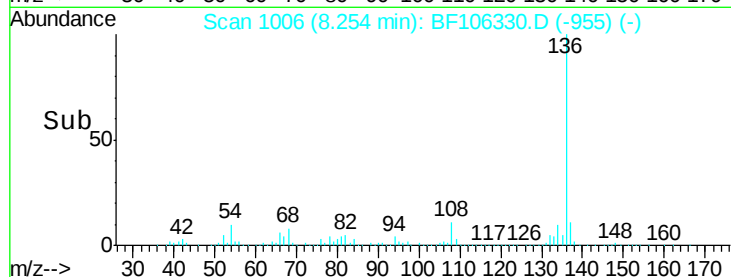


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 92.096 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

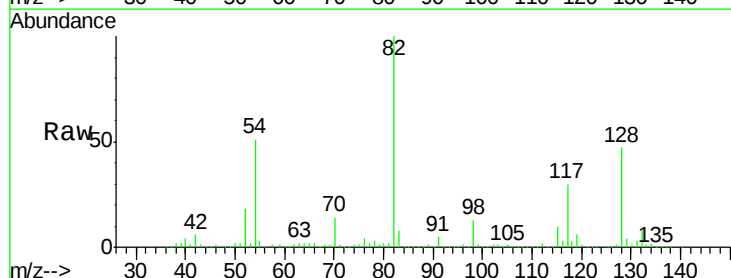
Tgt Ion: 82 Resp: 1075601

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

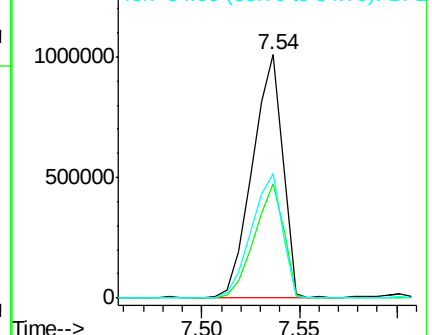
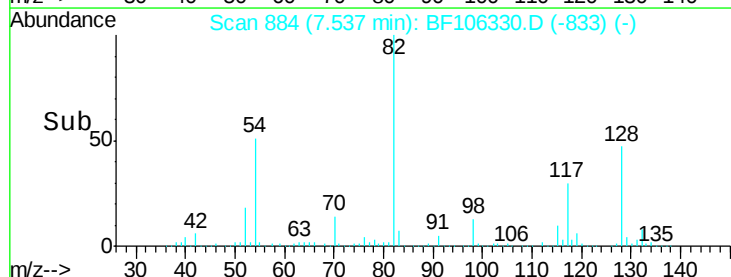
54 51.4 41.4 62.2

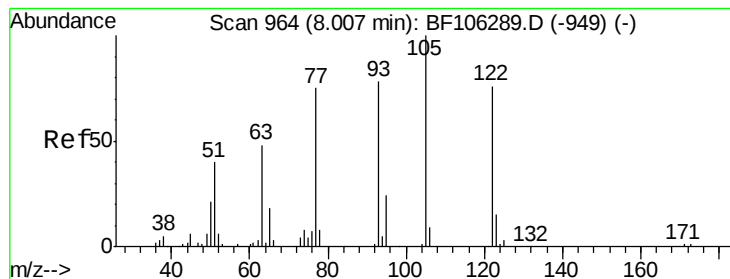


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#32

Benzoic acid

Concen: 8.374 ng

RT: 8.03 min Scan# 968

Delta R.T. 0.02 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

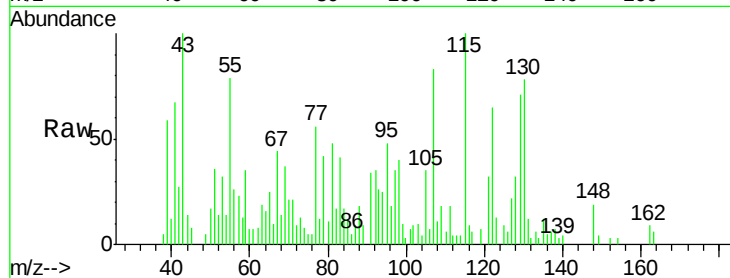
Tot Ion:122 Resp: 9111

Ion Ratio Lower Upper

122 100

105 54.1 101.1 141.1#

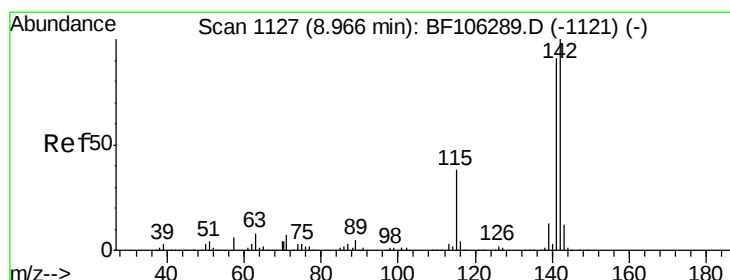
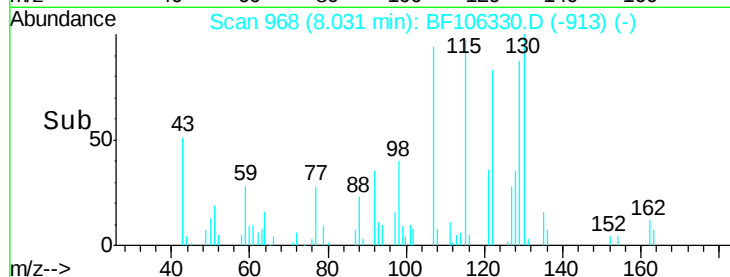
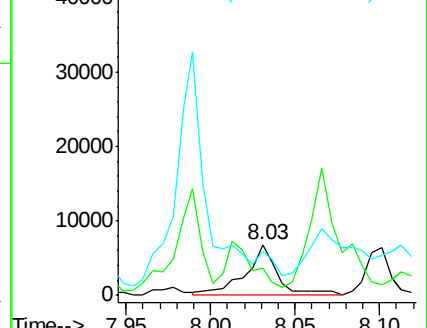
77 86.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#37

2-Methylnaphthalene

Concen: 3.622 ng

RT: 8.97 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

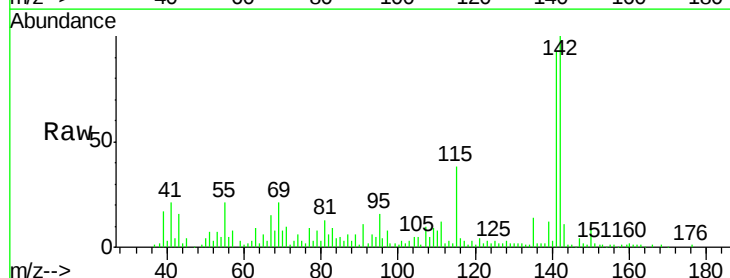
Tgt Ion:142 Resp: 76630

Ion Ratio Lower Upper

142 100

141 93.0 70.8 106.2

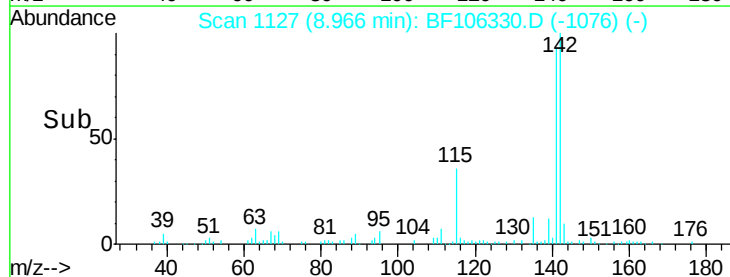
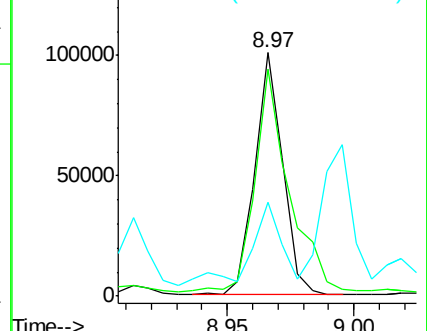
115 38.5 26.1 39.1

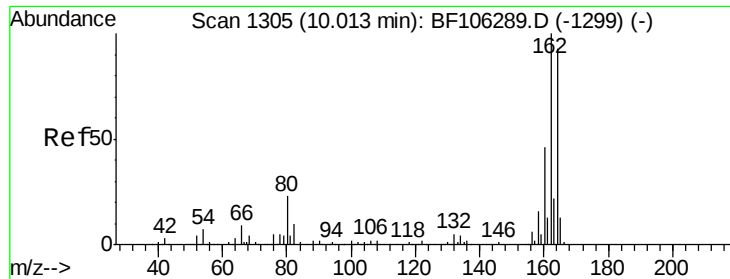


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

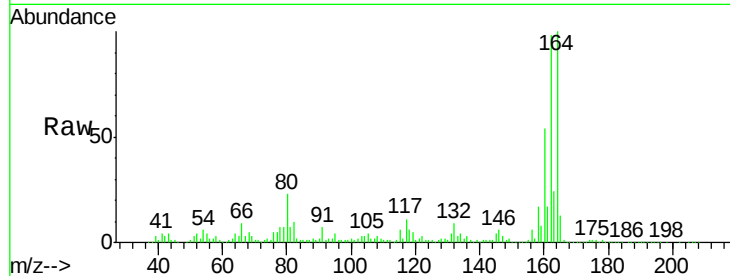




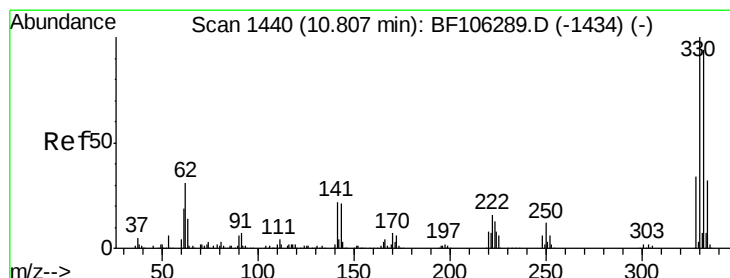
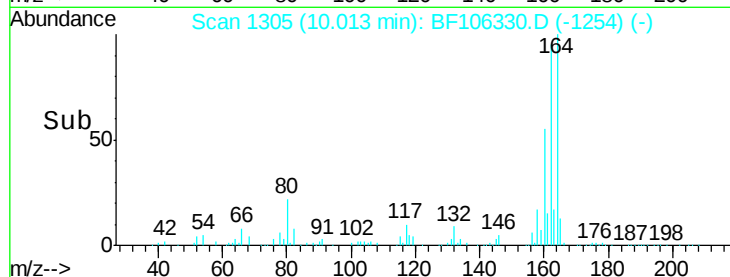
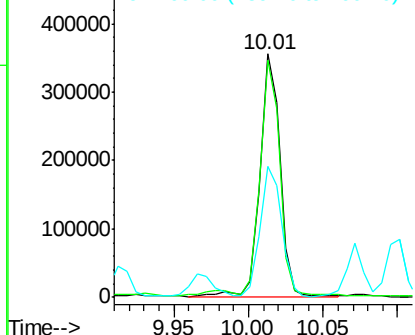
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 323105
Ion Ratio Lower Upper
164 100
162 97.6 86.1 129.1
160 54.0 38.3 57.5

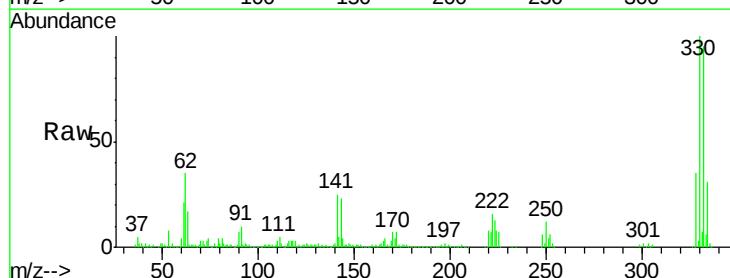


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

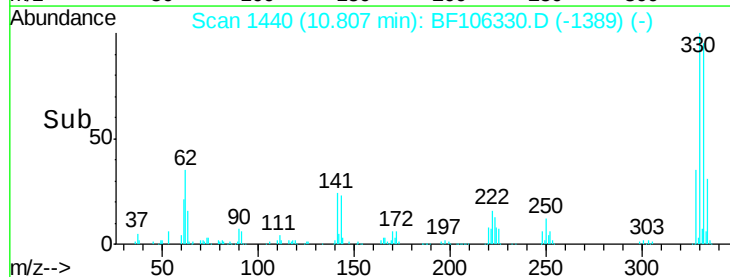
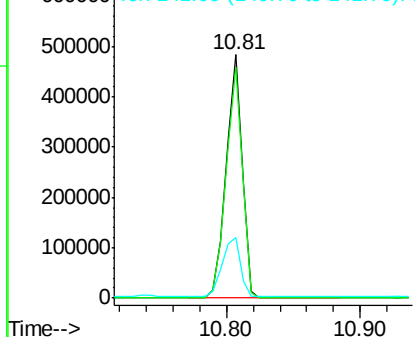


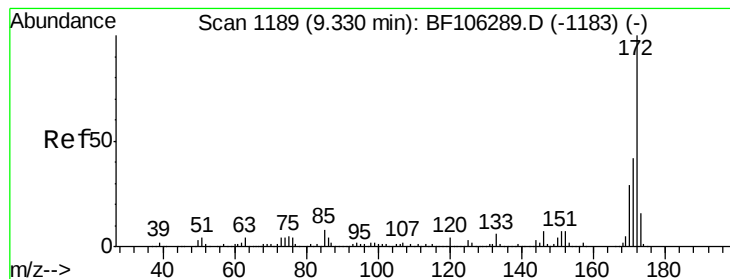
#41
2,4,6-Tribromophenol
Concen: 133.225 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:330 Resp: 414174
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 28.1 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 96.159 ng

RT: 9.33 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

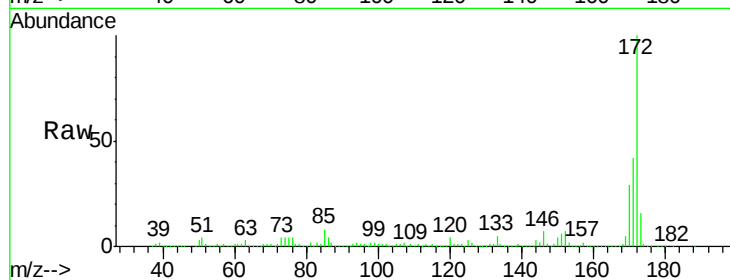
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1679717

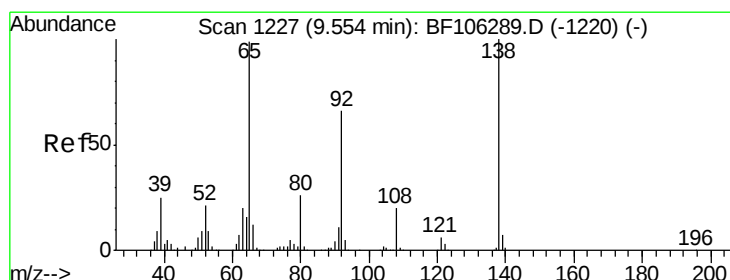
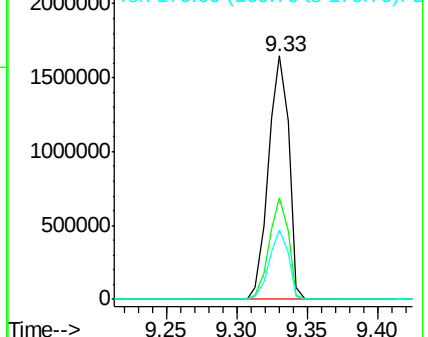
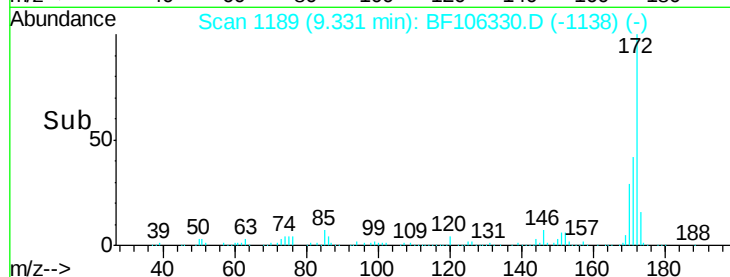
Ion	Ratio	Lower	Upper
172	100		
171	41.7	29.7	44.5
170	28.7	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#47

2-Nitroaniline

Concen: 8.628 ng

RT: 9.50 min Scan# 1218

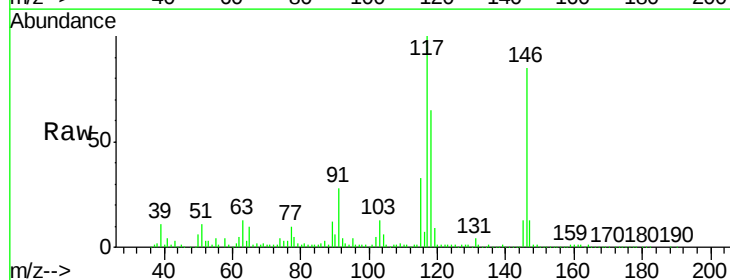
Delta R.T. -0.05 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Tgt Ion: 65 Resp: 54359

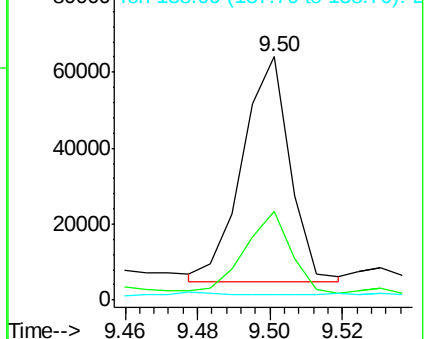
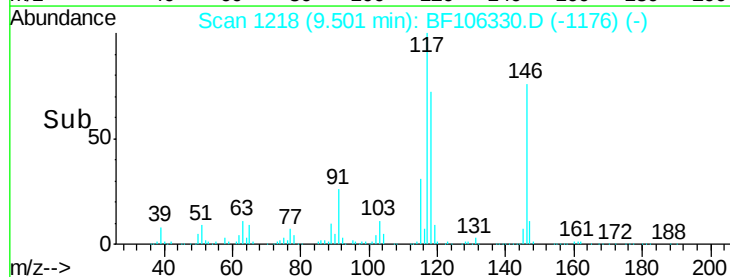
Ion	Ratio	Lower	Upper
65	100		
92	36.7	55.8	83.6#
138	2.2	91.2	136.8#

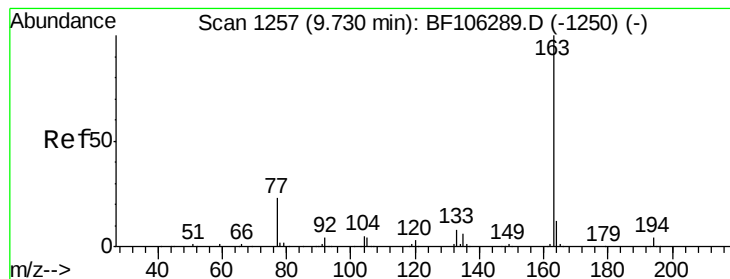


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 4.381 ng

RT: 9.72 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

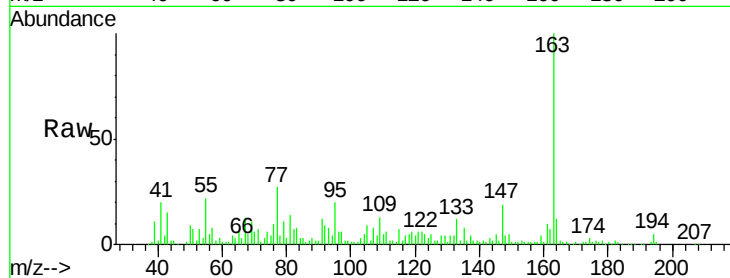
Tot Ion:163 Resp: 101135

Ion Ratio Lower Upper

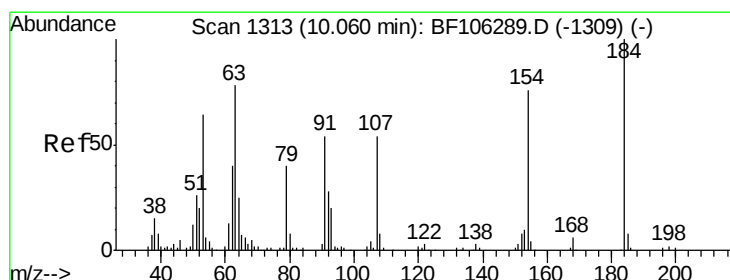
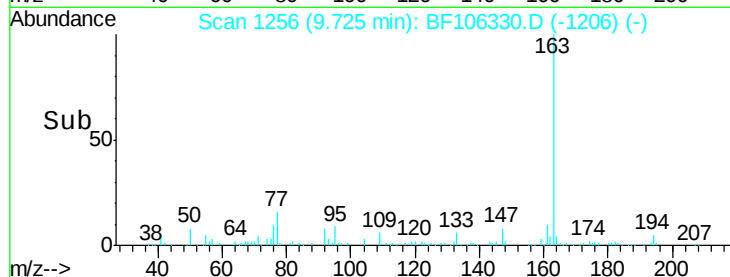
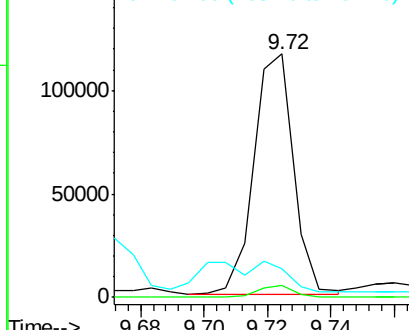
163 100

194 4.7 2.7 4.1#

164 11.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 9.048 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

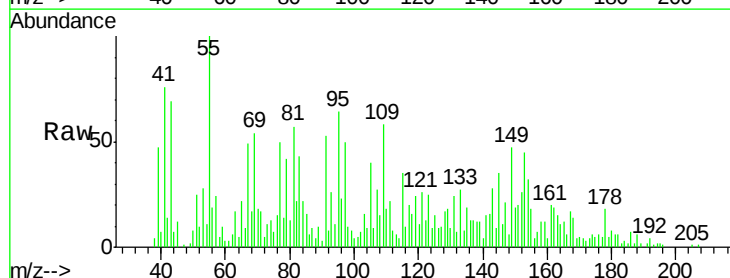
Tgt Ion:184 Resp: 1053

Ion Ratio Lower Upper

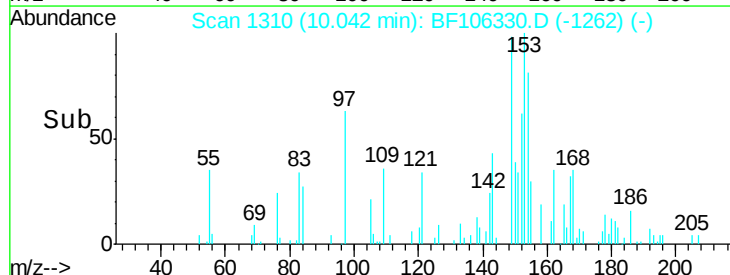
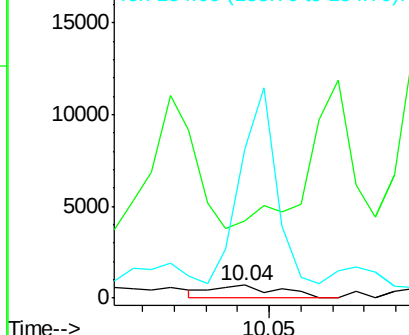
184 100

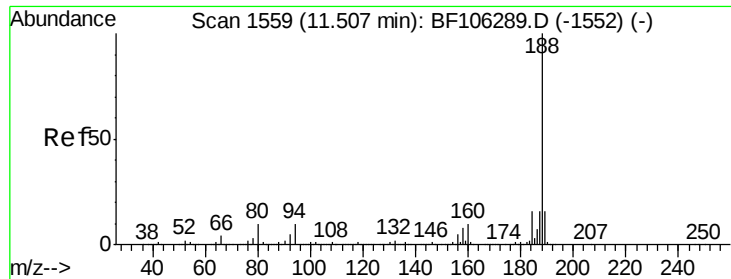
63 584.7 54.2 81.2#

154 1131.5 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Instrument :

BNA_F

ClientSampleId :

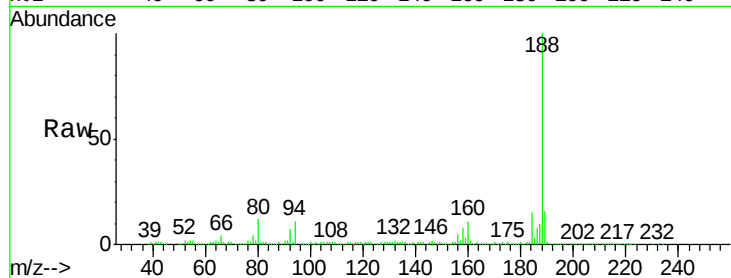
Tot Ion:188 Resp: 495438

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

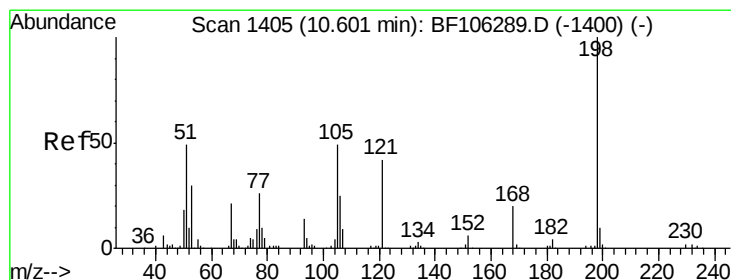
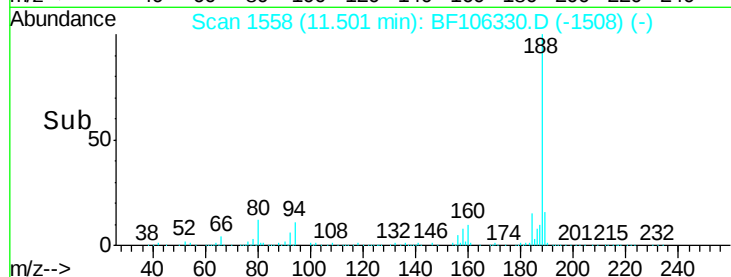
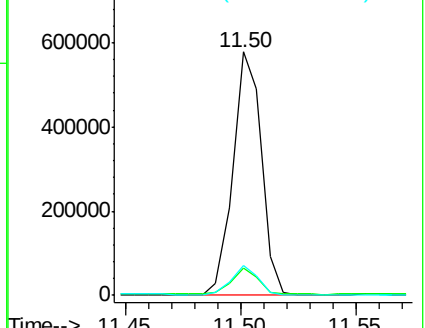
80 12.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 6.376 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.03 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

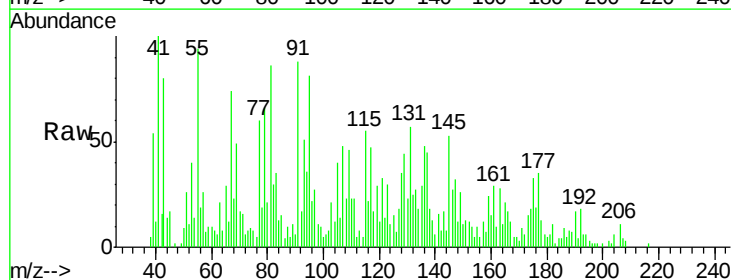
Tgt Ion:198 Resp: 250

Ion Ratio Lower Upper

198 100

51 1248.1 37.7 77.7#

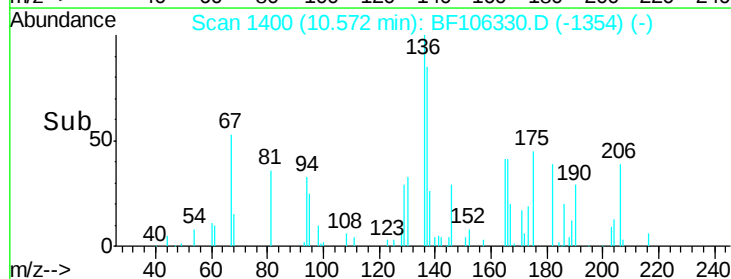
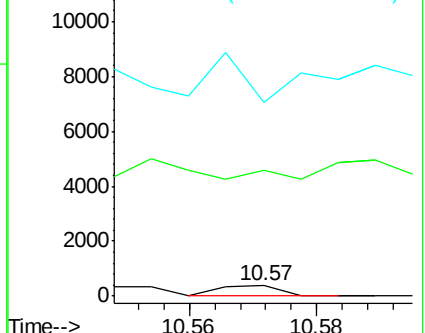
105 1917.9 36.3 76.3#

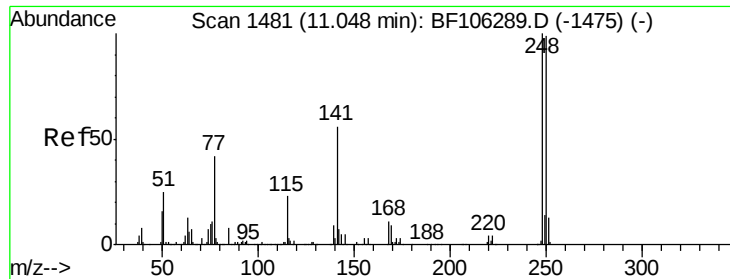


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

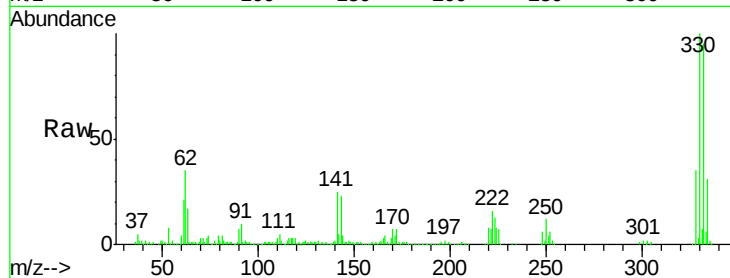




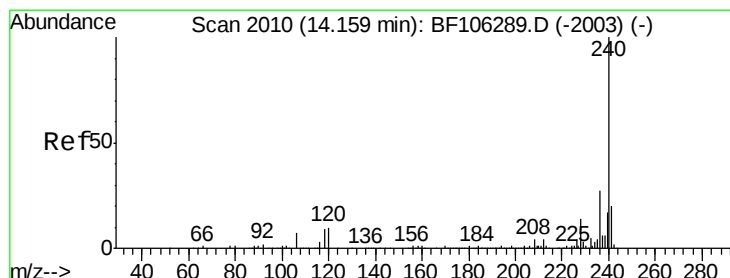
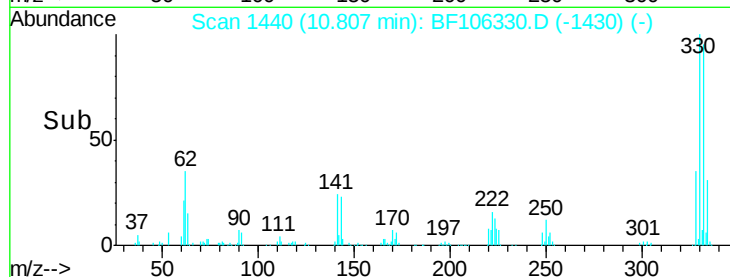
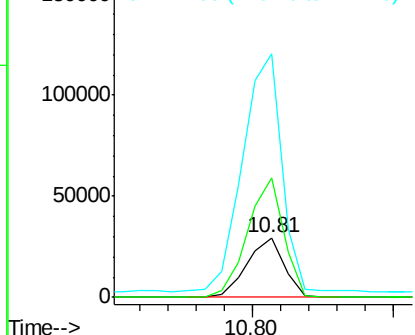
#66
4-Bromophenyl-phenylether
Concen: 4.743 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 26727
Ion Ratio Lower Upper
248 100
250 200.2 76.9 115.3#
141 407.9 74.4 111.6#

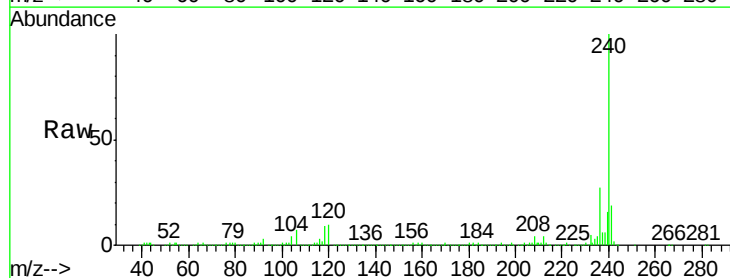


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

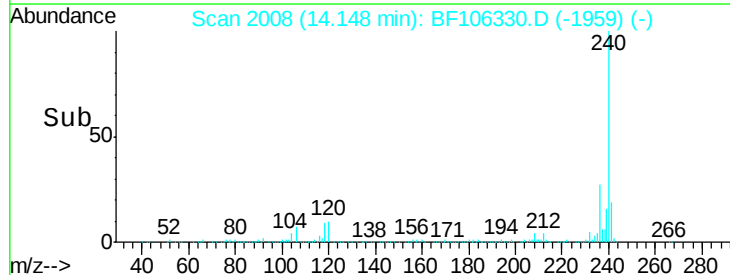
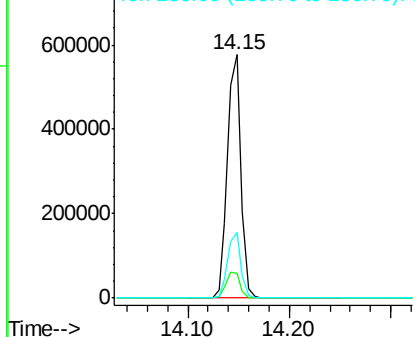


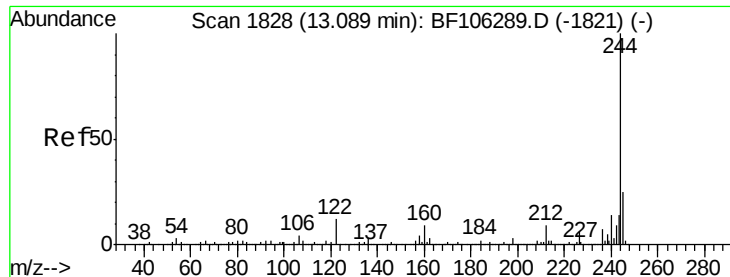
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106330.D
Acq: 12 Jun 2018 8:08

Tgt Ion:240 Resp: 539069
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.555 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

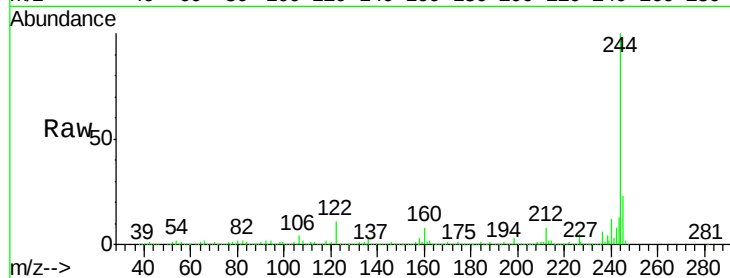
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1639822

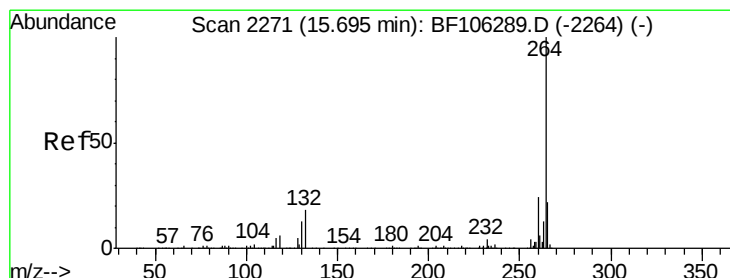
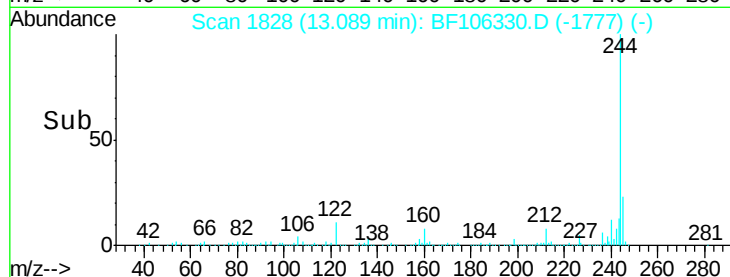
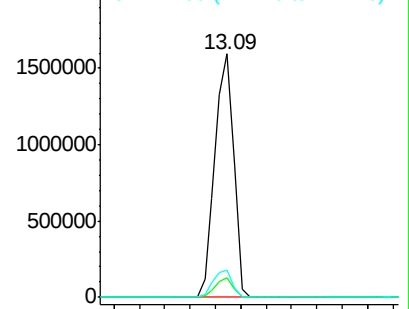
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.4	8.0
122	11.0	11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2268

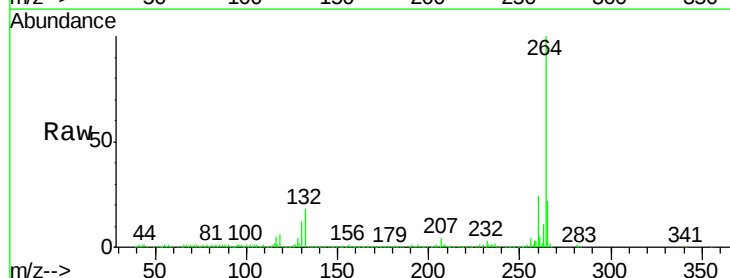
Delta R.T. -0.02 min

Lab File: BF106330.D

Acq: 12 Jun 2018 8:08

Tgt Ion:264 Resp: 413856

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

