

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
 Data File : BF106560.D
 Acq On : 19 Jun 2018 1:56
 Operator : JU/SJ
 Sample : J3564-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 19 08:26:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 15 11:11:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	103474	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	364743	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	166605	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	237672	20.00	ng	0.00
75) Chrysene-d12	14.15	240	286607	20.00	ng	0.00
86) Perylene-d12	15.68	264	245257	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	323603	52.93	ng	0.00
7) Phenol-d6	6.62	99	252049	32.63	ng	0.00
23) Nitrobenzene-d5	7.53	82	522165	84.22	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	178113	111.11	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	813940	87.60	ng	0.00
78) Terphenyl-d14	13.09	244	792122	68.65	ng	0.00

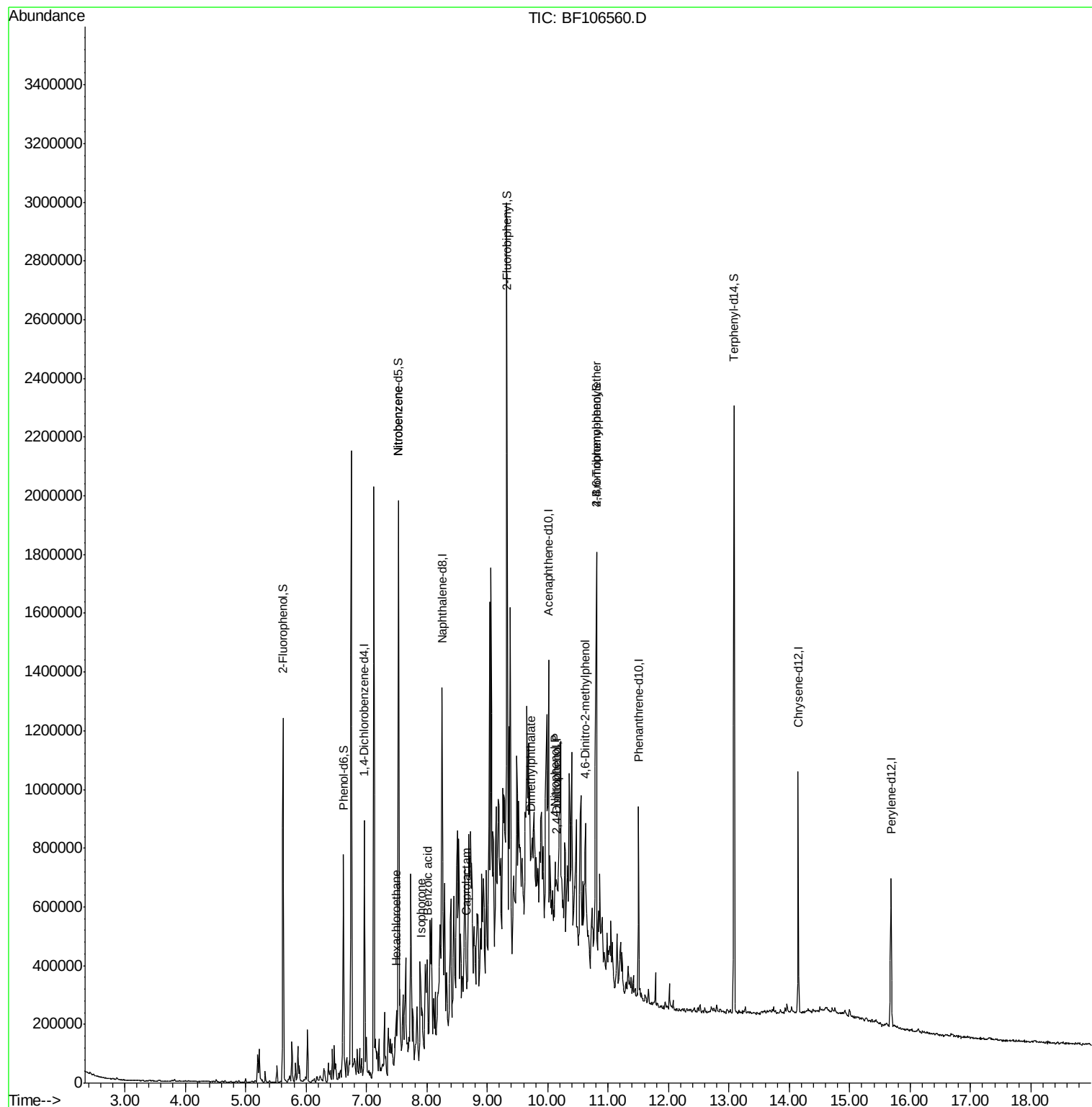
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.50	117	11376	4.066	ng	# 1
24) Nitrobenzene	7.54	77	15300	2.270	ng	# 13
25) Isophorone	7.91	82	27254	2.250	ng	# 58
32) Benzoic acid	8.01	122	580	7.419	ng	# 1
35) Caprolactam	8.65	113	5208	3.113	ng	# 1
49) Dimethylphthalate	9.72	163	42958	3.609	ng	# 71
53) 2,4-Dinitrophenol	10.15	184	931	9.358	ng	# 1
55) 4-Nitrophenol	10.13	139	5311	2.401	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.63	198	140	6.390	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	11510	4.258	ng	# 1

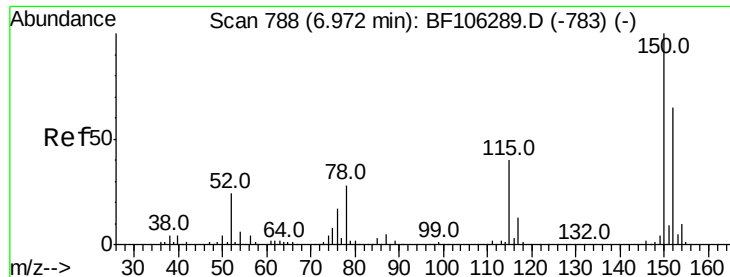
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

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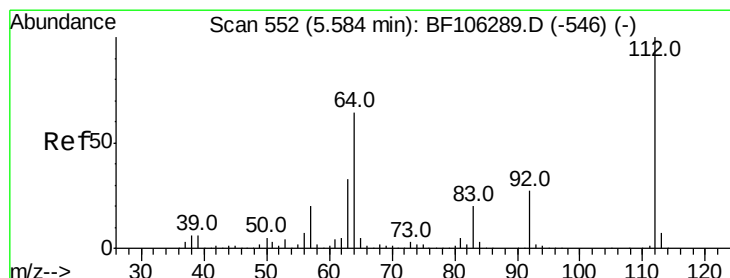
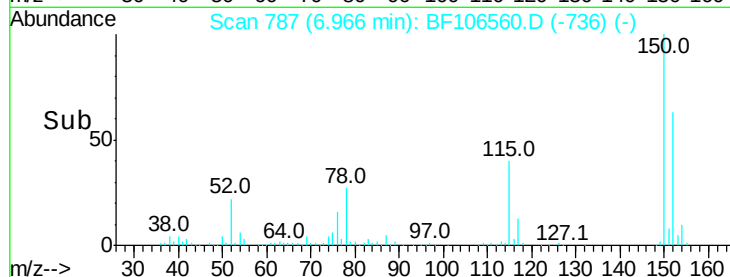
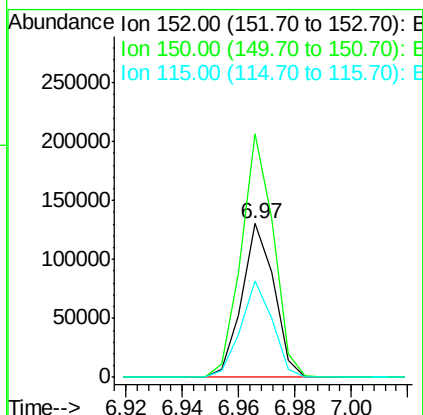
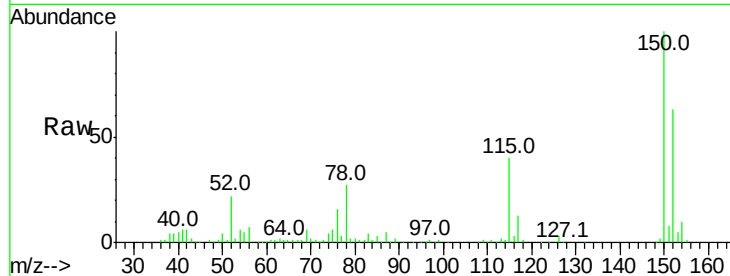


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :

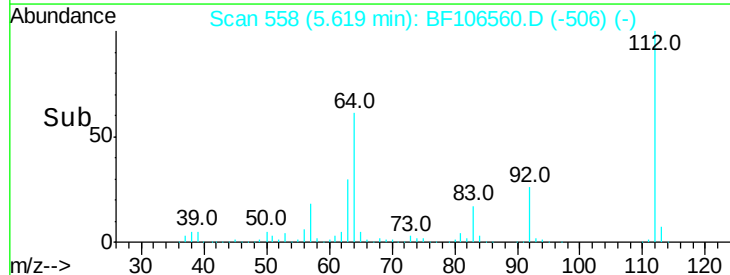
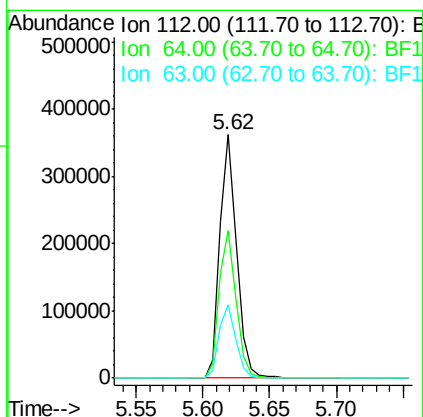
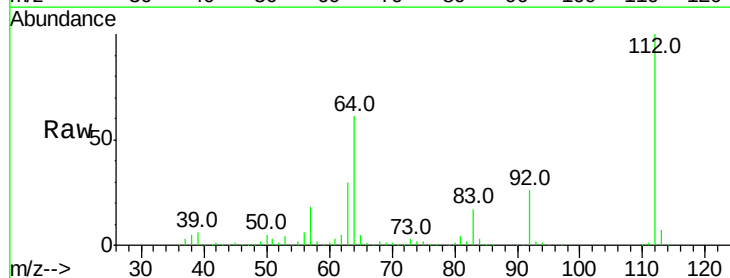
Tot Ion:152 Resp: 103474
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 62.7 50.1 75.1

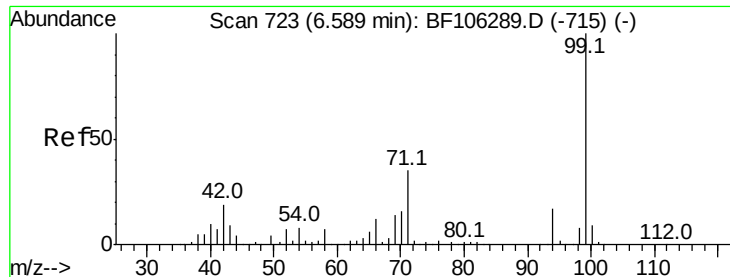


#5

2-Fluorophenol
Concen: 52.931 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion:112 Resp: 323603
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.1 23.7 35.5





#7

Phenol-d6

Concen: 32.632 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Instrument :

BNA_F

ClientSampleId :

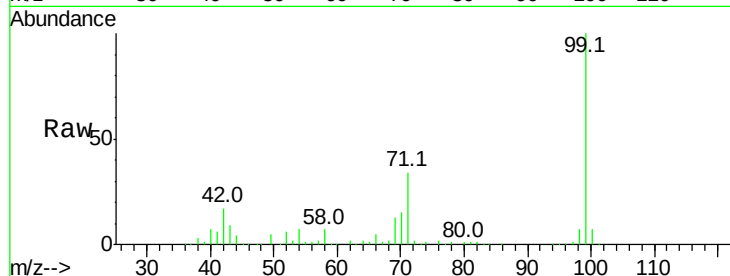
Tot Ion: 99 Resp: 252049

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

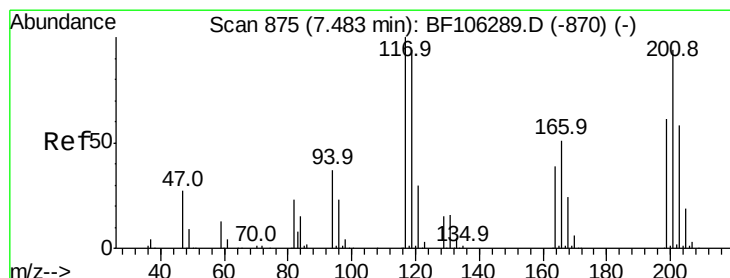
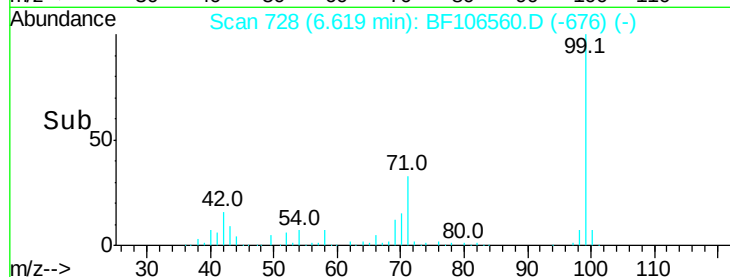
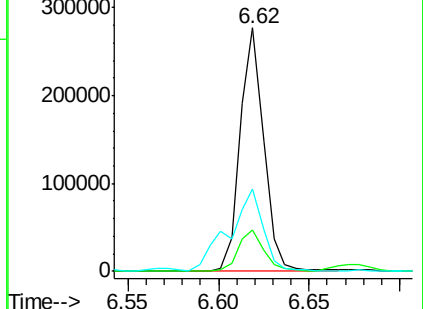
71 33.7 25.4 38.0



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



#18

Hexachloroethane

Concen: 4.066 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.02 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

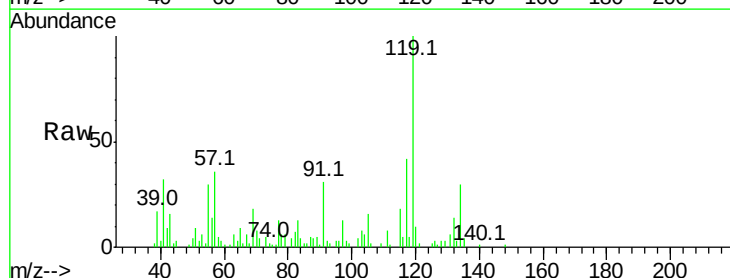
Tgt Ion: 117 Resp: 11376

Ion Ratio Lower Upper

117 100

119 238.9 75.8 113.8#

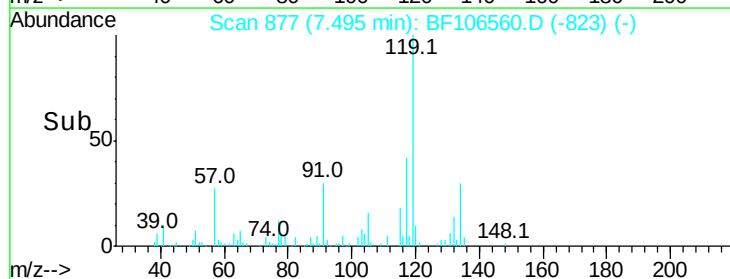
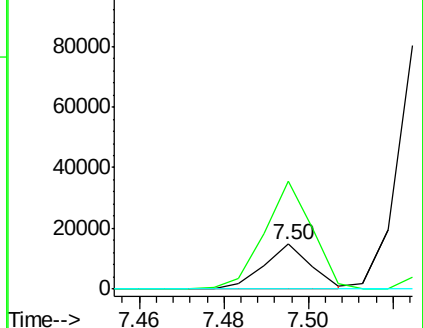
201 0.0 75.7 113.5#

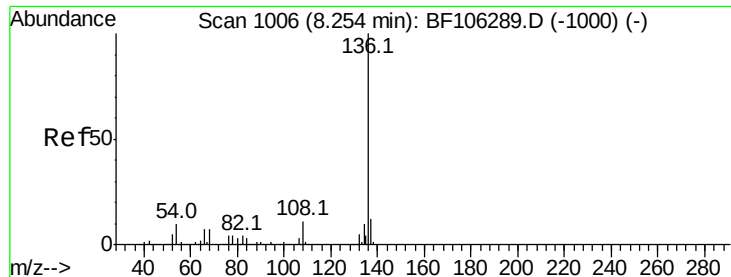


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 364743

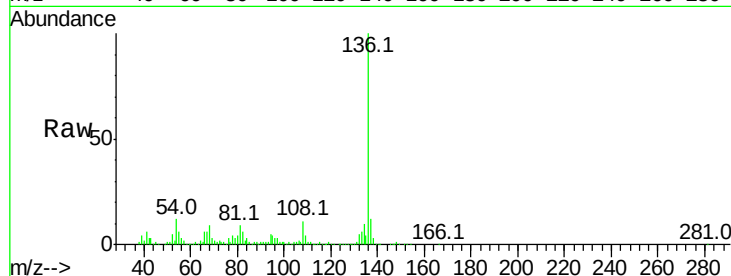
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 11.8 6.6 9.8#

68 9.1 5.0 7.4#

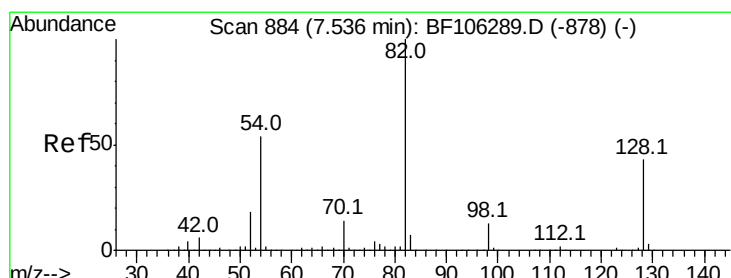
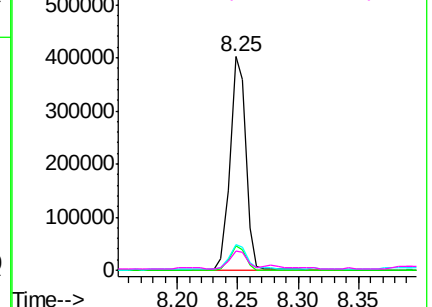
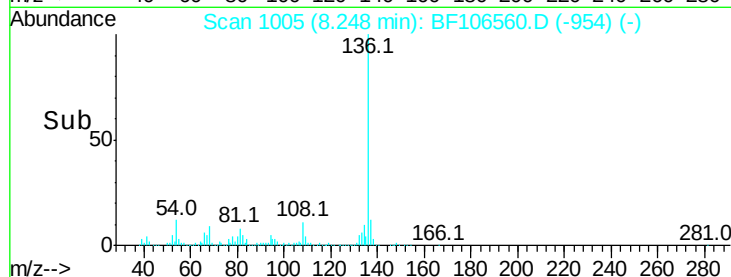


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.219 ng

RT: 7.53 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

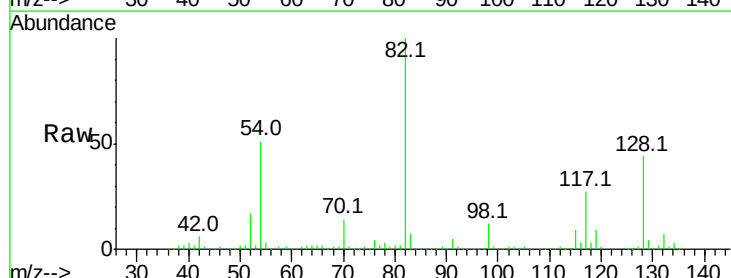
Tgt Ion: 82 Resp: 522165

Ion Ratio Lower Upper

82 100

128 43.8 36.1 54.1

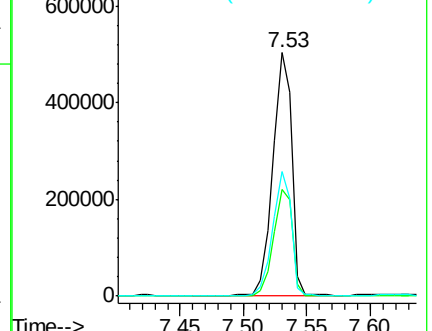
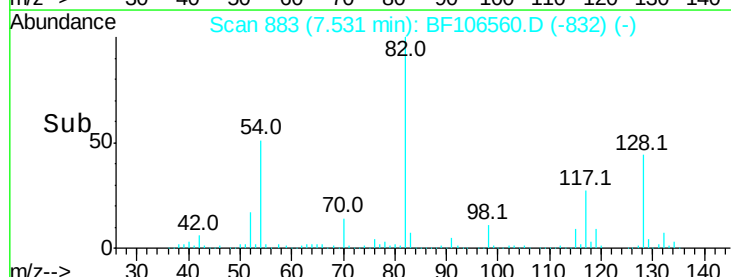
54 51.0 41.4 62.2

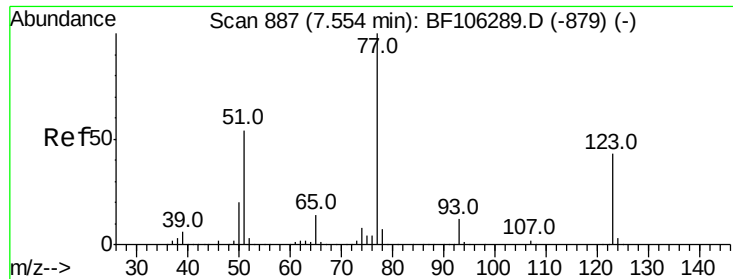


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

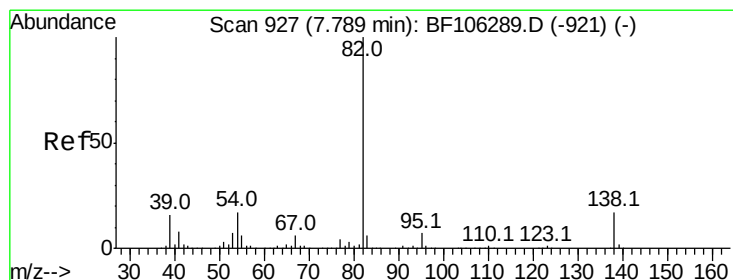
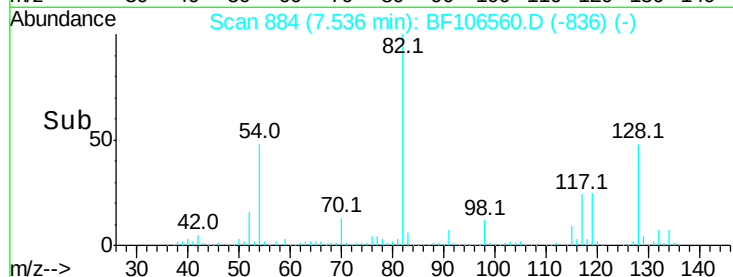
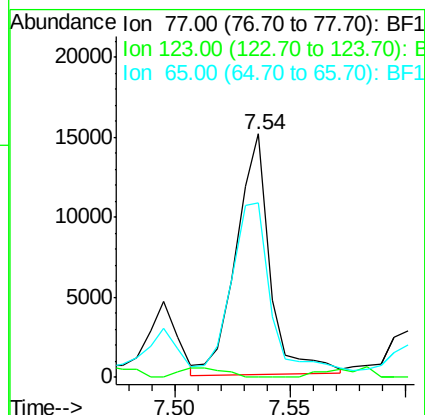
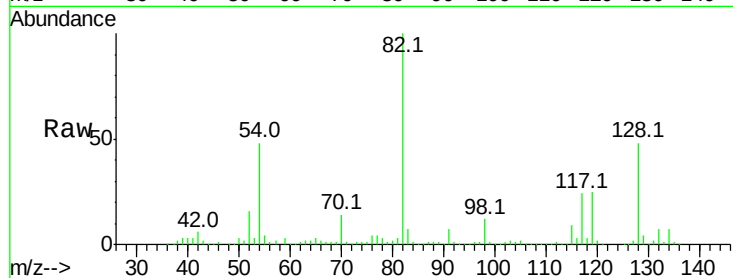




#24
Nitrobenzene
Concen: 2.270 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

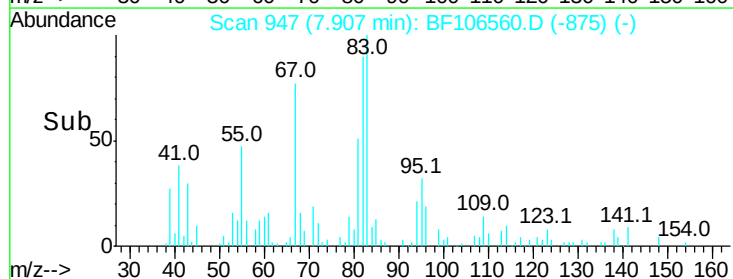
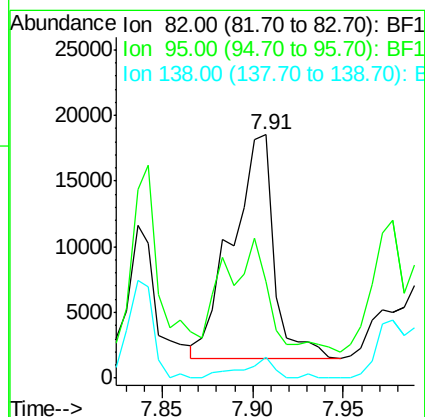
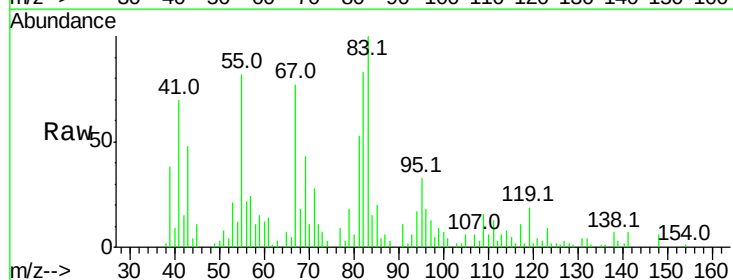
Instrument :
BNA_F
ClientSampleId :

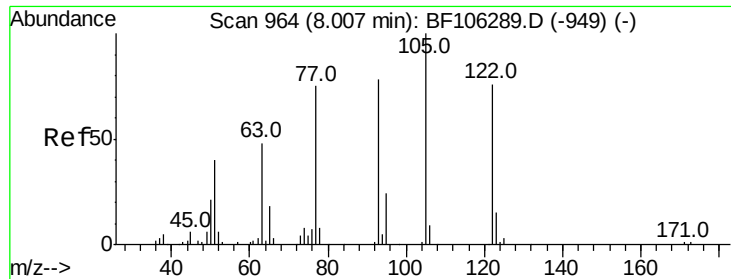
Tot Ion: 77 Resp: 15300
Ion Ratio Lower Upper
77 100
123 0.0 37.9 56.9#
65 71.8 11.0 16.4#



#25
Isophorone
Concen: 2.250 ng
RT: 7.91 min Scan# 947
Delta R.T. 0.12 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion: 82 Resp: 27254
Ion Ratio Lower Upper
82 100
95 39.5 5.2 7.8#
138 8.5 14.9 22.3#

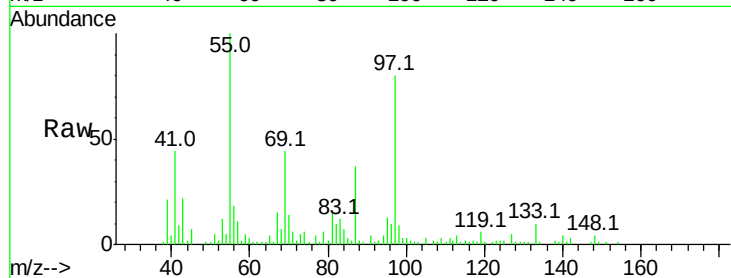




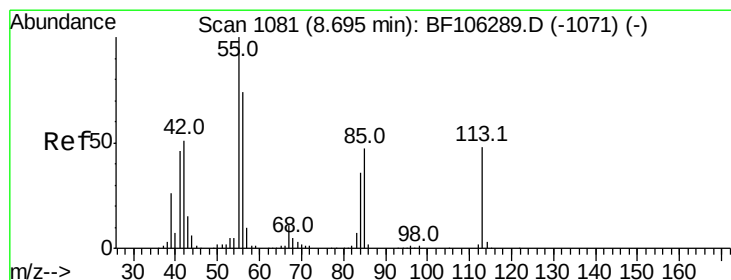
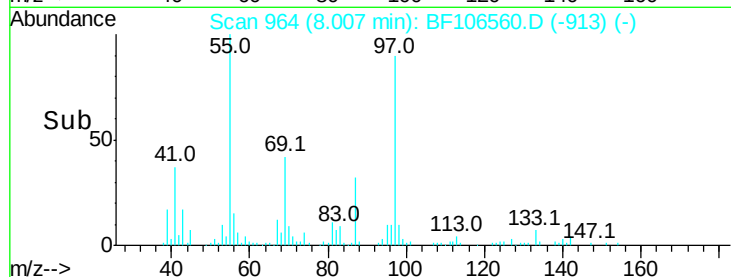
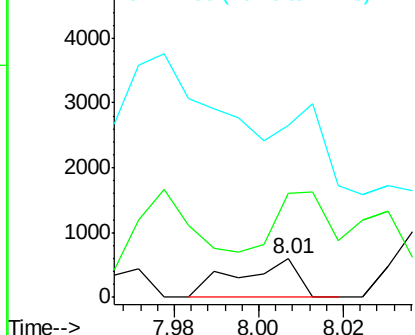
#32
Benzoic acid
Concen: 7.419 ng
RT: 8.01 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 580
Ion Ratio Lower Upper
122 100
105 272.0 101.1 141.1#
77 450.6 70.7 110.7#

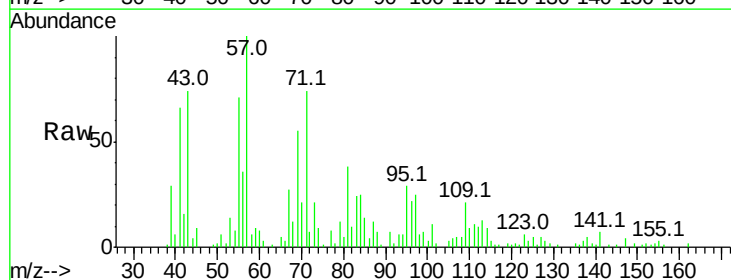


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

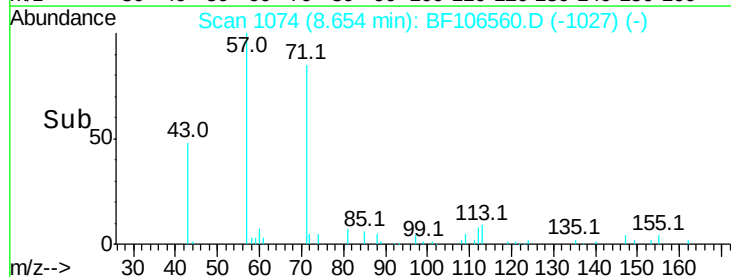
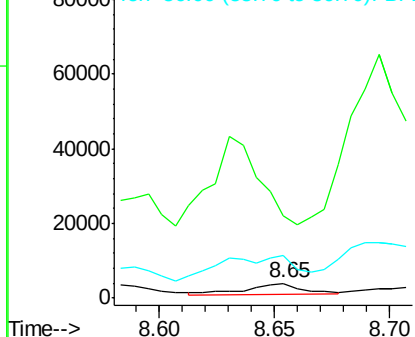


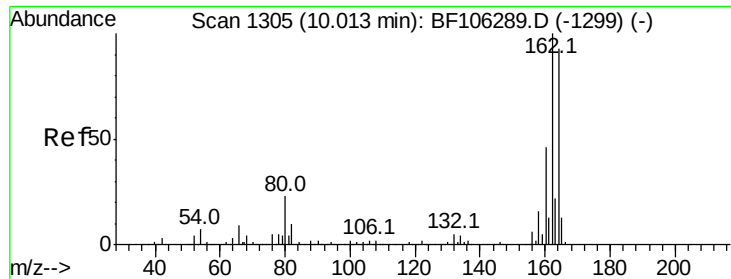
#35
Caprolactam
Concen: 3.113 ng
RT: 8.65 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion:113 Resp: 5208
Ion Ratio Lower Upper
113 100
55 549.0 163.3 203.3#
56 280.7 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

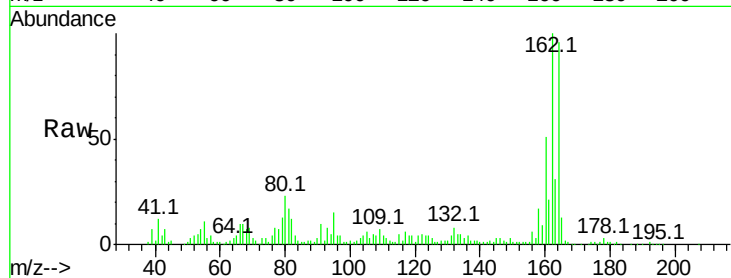




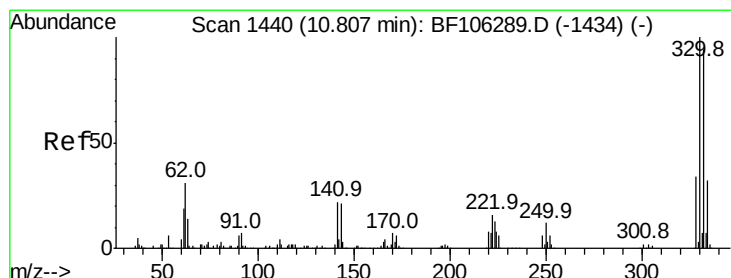
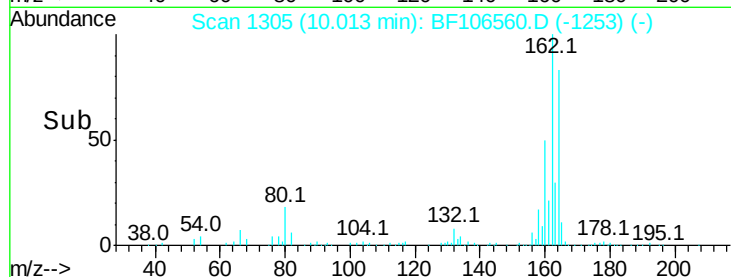
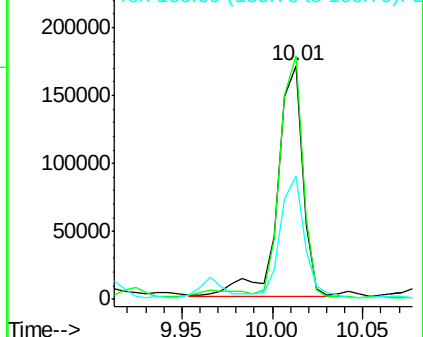
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 166605
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 52.7 38.3 57.5

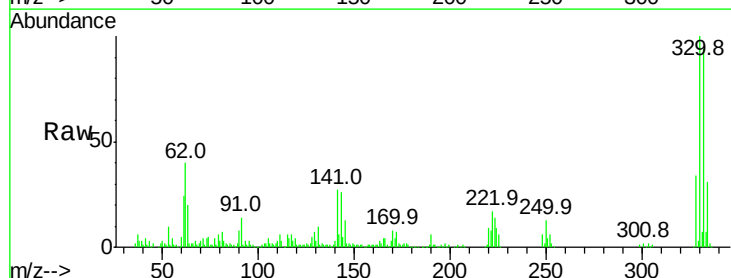


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

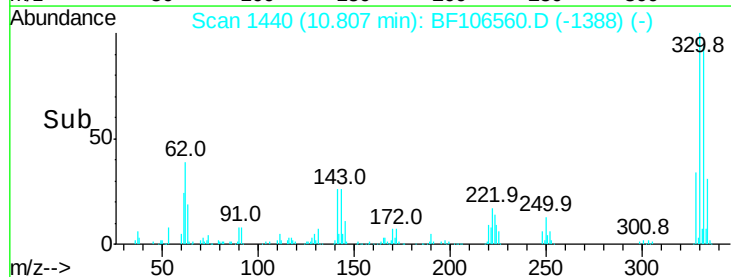
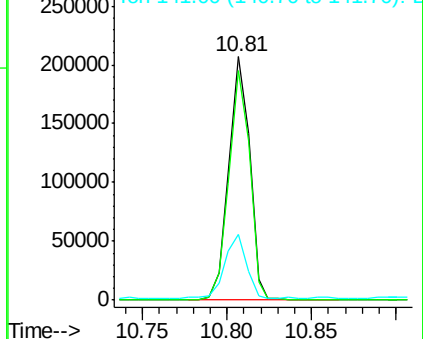


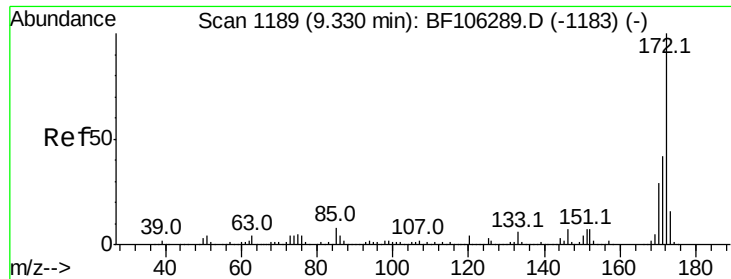
#41
2,4,6-Tribromophenol
Concen: 111.110 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion:330 Resp: 178113
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 27.4 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

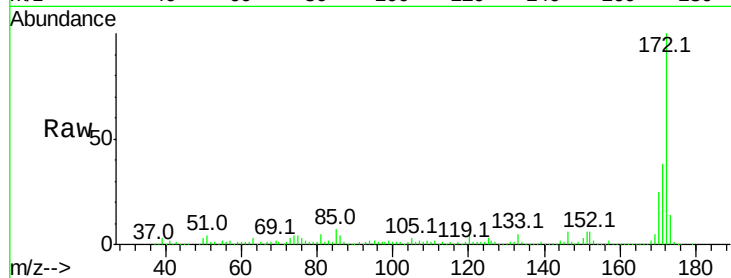




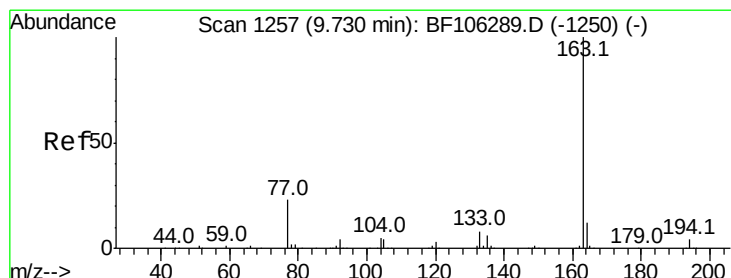
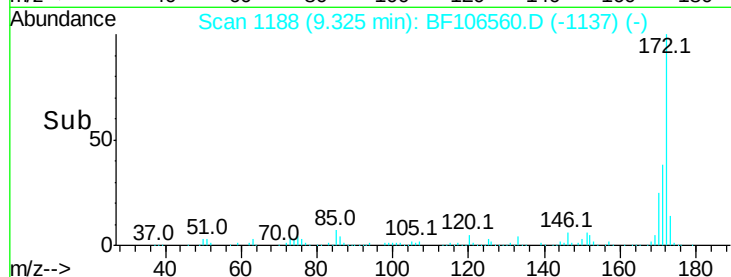
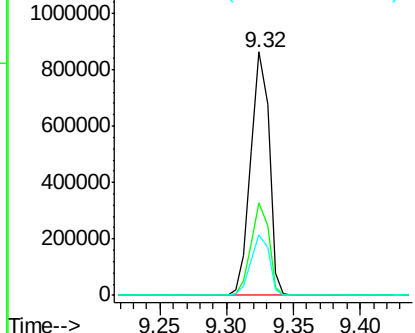
#44
2-Fluorobiphenyl
Concen: 87.598 ng
RT: 9.32 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	25.0	19.6	29.4

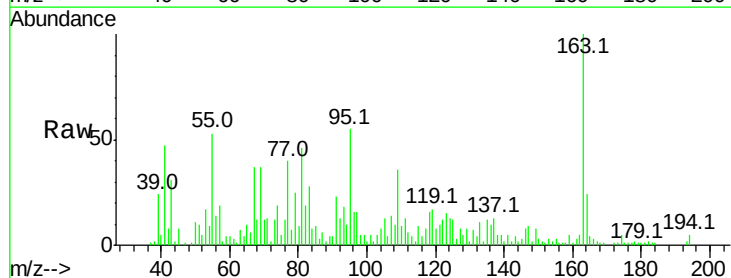


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

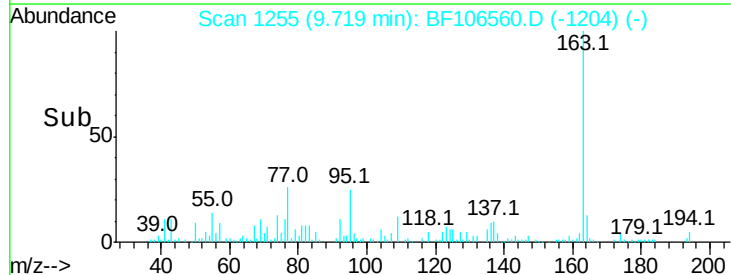
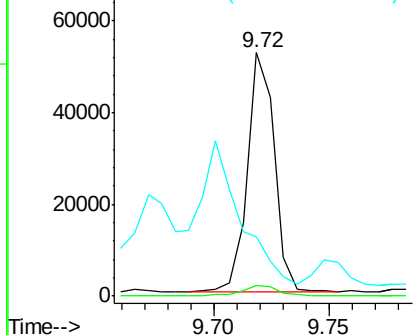


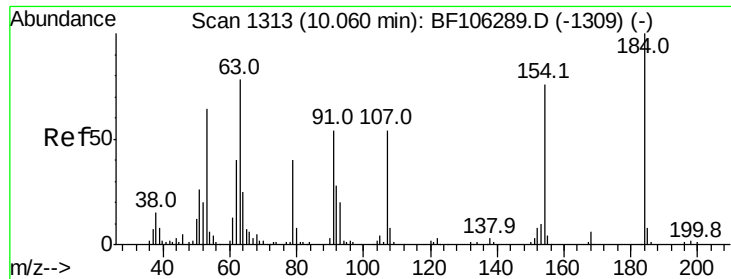
#49
Dimethylphthalate
Concen: 3.609 ng
RT: 9.72 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	24.2	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

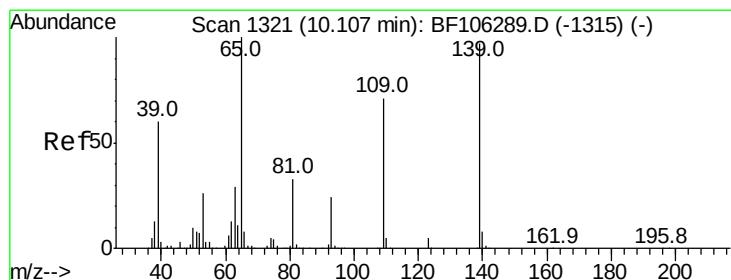
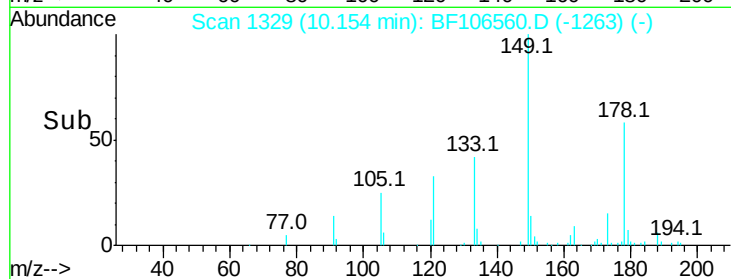
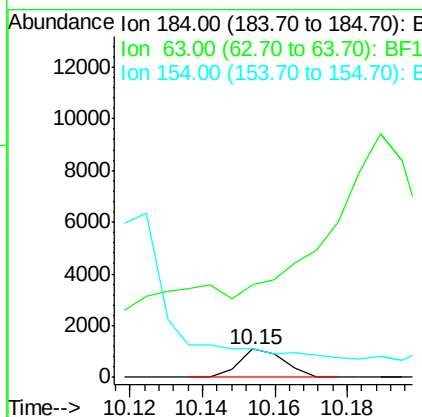
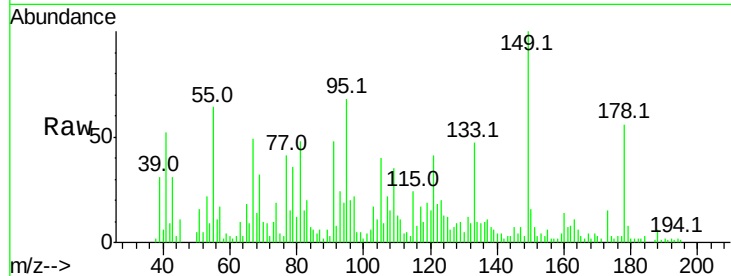




#53
2,4-Dinitrophenol
Concen: 9.358 ng
RT: 10.15 min Scan# 1329
Delta R.T. 0.09 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

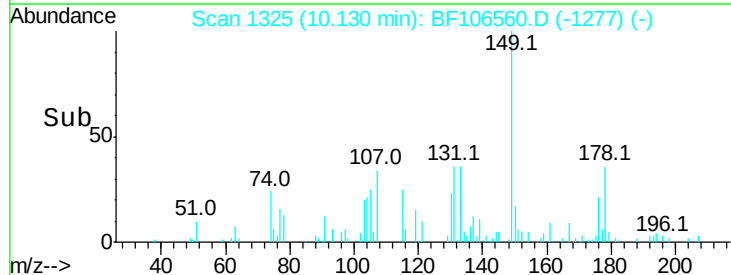
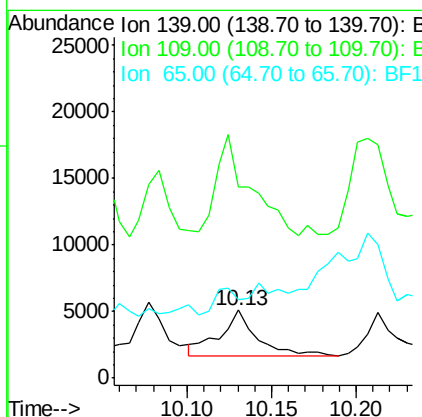
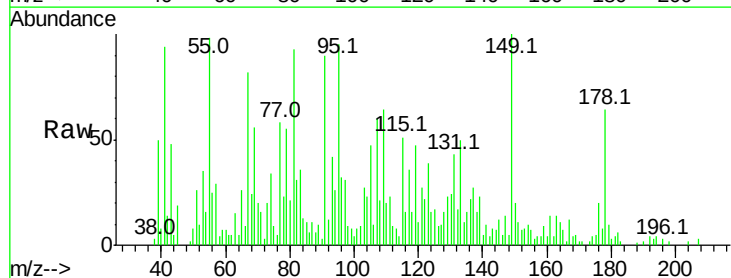
Instrument :
BNA_F
ClientSampleId :

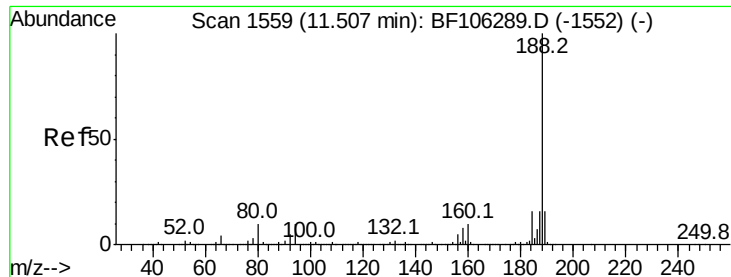
Tot Ion:184 Resp: 931
Ion Ratio Lower Upper
184 100
63 329.1 54.2 81.2#
154 99.7 184.0 276.0#



#55
4-Nitrophenol
Concen: 2.401 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion:139 Resp: 5311
Ion Ratio Lower Upper
139 100
109 280.9 48.4 88.4#
65 114.8 72.6 112.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Instrument :

BNA_F

ClientSampleId :

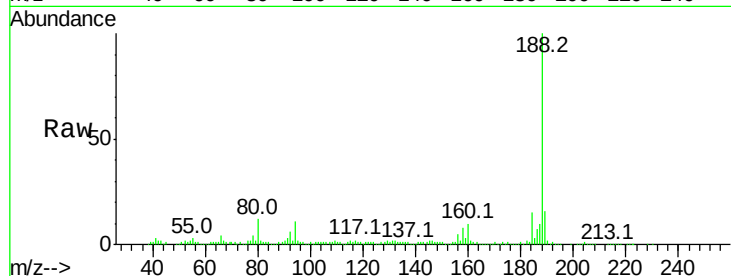
Tot Ion:188 Resp: 237672

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

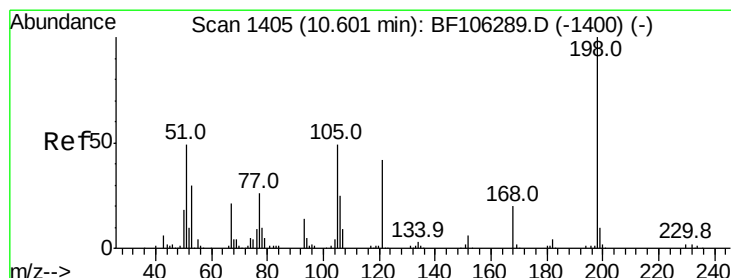
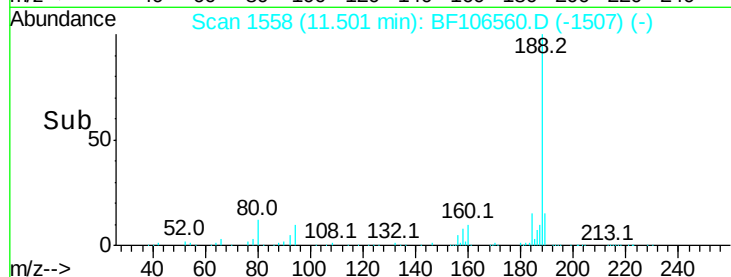
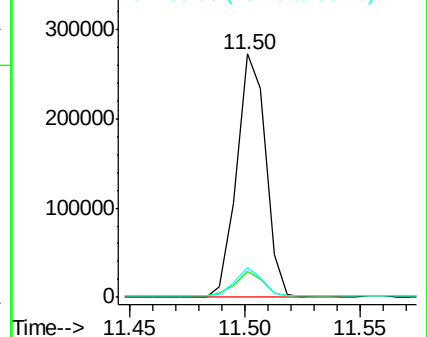
80 12.2 9.2 13.8



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: 6.390 ng

RT: 10.63 min Scan# 1410

Delta R.T. 0.03 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

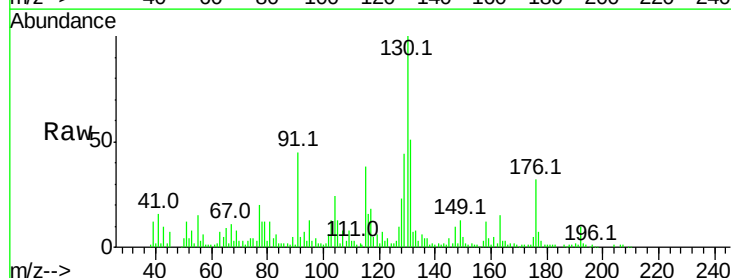
Tgt Ion:198 Resp: 140

Ion Ratio Lower Upper

198 100

51 2538.7 37.7 77.7#

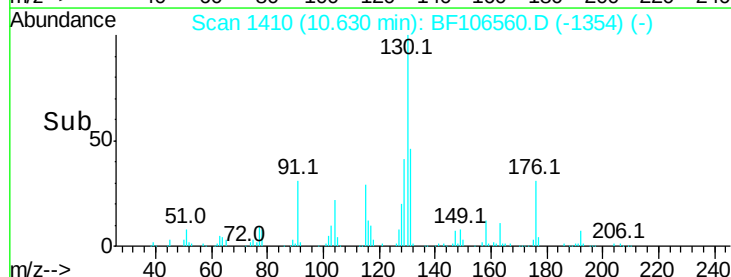
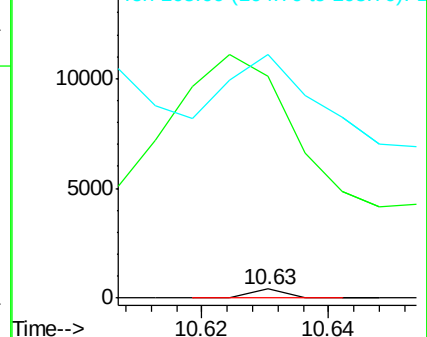
105 2781.2 36.3 76.3#

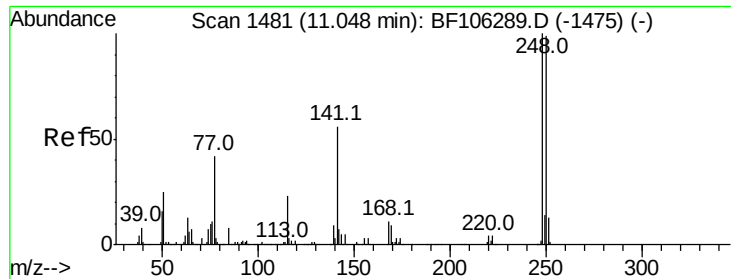


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

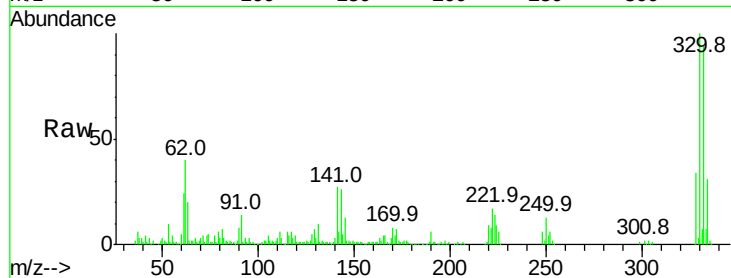




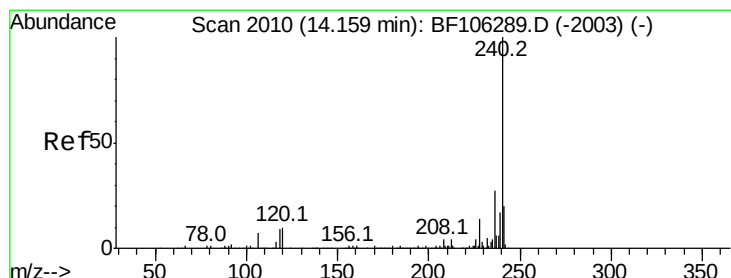
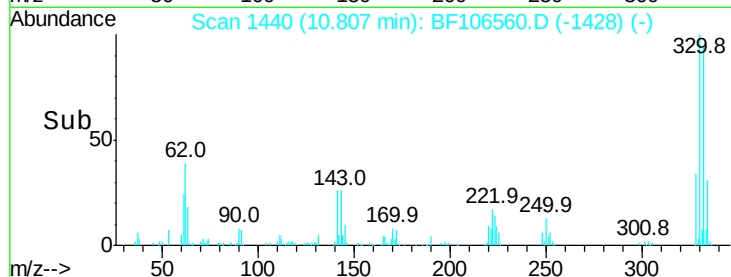
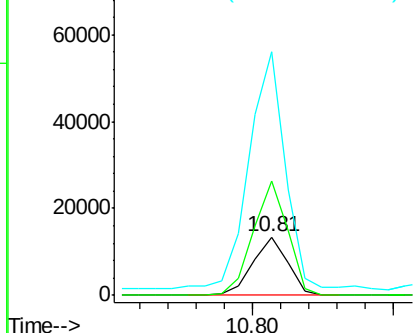
#66
4-Bromophenyl-phenylether
Concen: 4.258 ng
RT: 10.81 min Scan# 1440
Delta R.T. -0.23 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11510
Ion Ratio Lower Upper
248 100
250 196.8 76.9 115.3#
141 419.5 74.4 111.6#

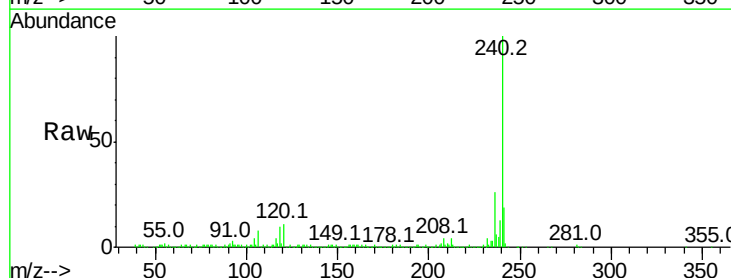


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

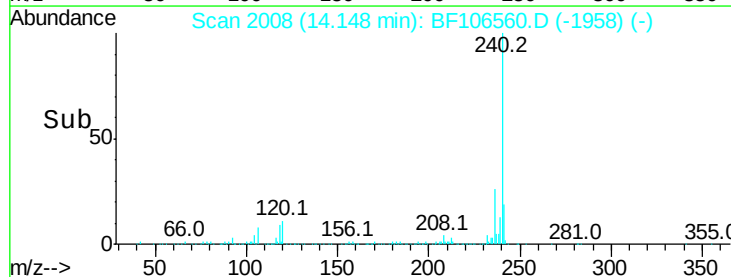
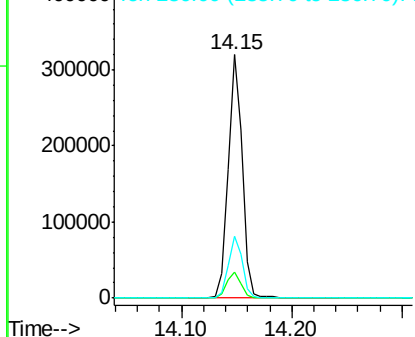


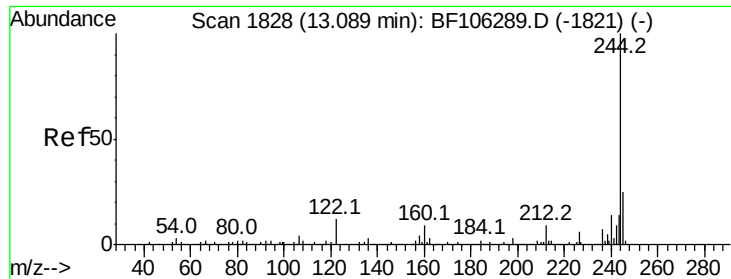
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF106560.D
Acq: 19 Jun 2018 1:56

Tgt Ion:240 Resp: 286607
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.5 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: 68.647 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

Instrument :

BNA_F

ClientSampleId :

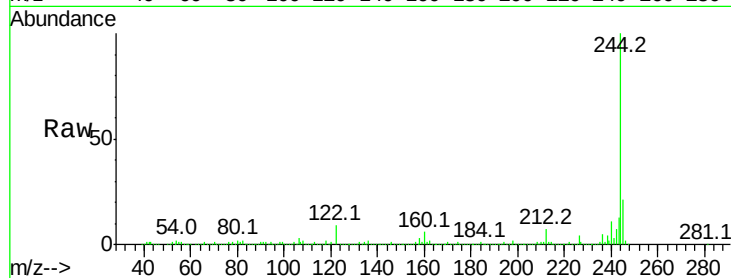
Tot Ion:244 Resp: 792122

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

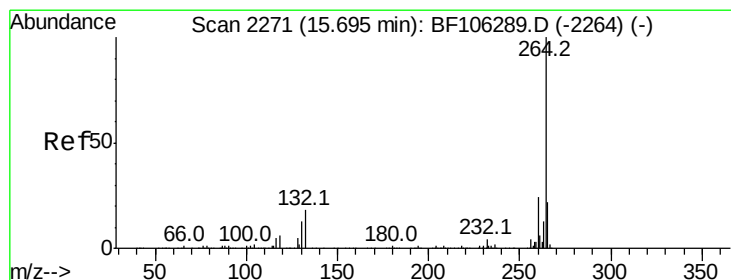
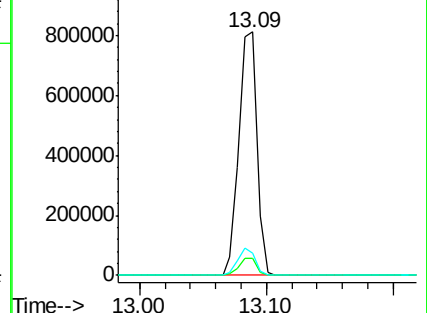
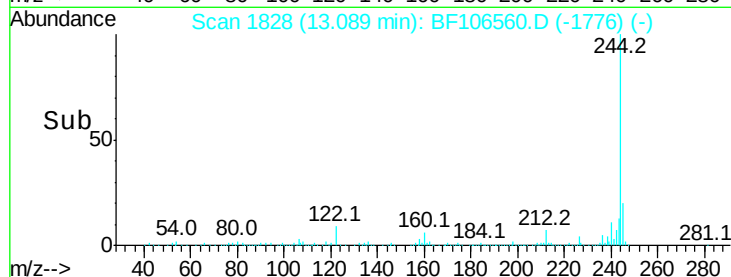
122 9.3 11.0 16.4#



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# 2269

Delta R.T. 0.00 min

Lab File: BF106560.D

Acq: 19 Jun 2018 1:56

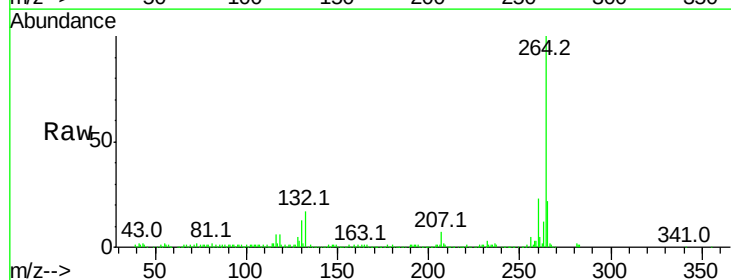
Tgt Ion:264 Resp: 245257

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 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

