

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106360.D
 Acq On : 12 Jun 2018 22:17
 Operator : JU/SJ
 Sample : J3322-02 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 01:11:25 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	133741	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	455574	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	200268	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	375505	20.00	ng	0.01
75) Chrysene-d12	14.20	240	172353	20.00	ng	0.04
86) Perylene-d12	15.74	264	288111	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	88739	11.23	ng	0.06
7) Phenol-d6	6.66	99	106546	10.67	ng	0.07
23) Nitrobenzene-d5	7.53	82	57082	7.37	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	19021	9.87	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	90767	-1.00	ng	0.00
78) Terphenyl-d14	13.10	244	123681	17.82	ng	0.01

Target Compounds

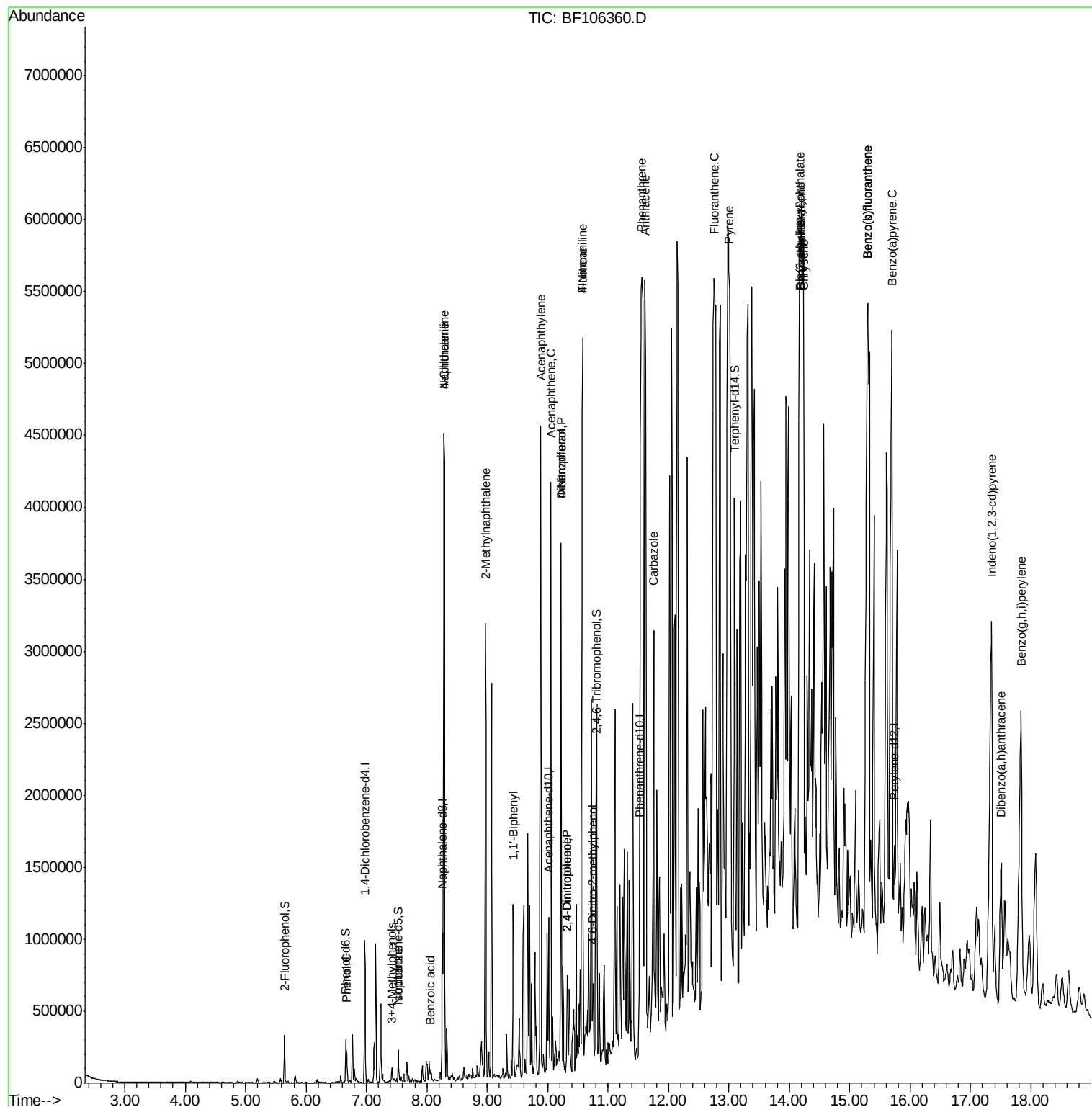
						Qvalue
10) Phenol	6.67	94	41189	3.779	ng	88
20) 3+4-Methylphenols	7.42	107	26485	2.732	ng	92
25) Isophorone	7.53	82	57080	3.774	ng	# 64
31) Naphthalene	8.28	128	2203002	106.971	ng	# 91
32) Benzoic acid	8.07	122	12287	9.495	ng	# 22
33) 4-Chloroaniline	8.28	127	349219	38.264	ng	# 31
37) 2-Methylnaphthalene	8.97	142	840896	59.949	ng	96
45) 1,1'-Biphenyl	9.43	154	333201	21.481	ng	98
48) Acenaphthylene	9.89	152	2296944	120.889	ng	# 90
51) Acenaphthene	10.05	154	833583	67.933	ng	98
53) 2,4-Dinitrophenol	10.32	184	138	8.706	ng	# 1
54) Dibenzofuran	10.22	168	1554374	94.071	ng	# 90
55) 4-Nitrophenol	10.22	139	649733	244.365	ng	# 10
56) 2,4-Dinitrotoluene	10.32	165	19391	5.283	ng	# 61
57) Fluorene	10.58	166	2131040	162.781	ng	99
61) 4-Nitroaniline	10.58	138	26059	7.721	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.74	198	113	6.343	ng	# 1
70) Phenanthrene	11.55	178	5784272	314.535	ng	# 88
71) Anthracene	11.61	178	2723894	147.850	ng	# 86
72) Carbazole	11.75	167	1063305	62.516	ng	97
74) Fluoranthene	12.75	202	3981359	203.007	ng	92
77) Pyrene	13.01	202	5825824	539.910	ng	# 86
80) Benzo(a)anthracene	14.19	228	5043776	491.758	ng	# 76
82) Chrysene	14.23	228	3100684	331.117	ng	# 82
83) Bis(2-ethylhexyl)phthalate	14.17	149	16789	2.899	ng	# 69
85) Indeno(1,2,3-cd)pyrene	17.35	276	2665478	356.656	ng	# 88
87) Benzo(b)fluoranthene	15.29	252	6883955	395.267	ng	# 89
88) Benzo(k)fluoranthene	15.29	252	6883955	399.109	ng	# 89
89) Benzo(a)pyrene	15.69	252	4145313	264.623	ng	# 88
90) Dibenzo(a,h)anthracene	17.51	278	756818	57.950	ng	92
91) Benzo(g,h,i)perylene	17.84	276	2338457	184.247	ng	# 91

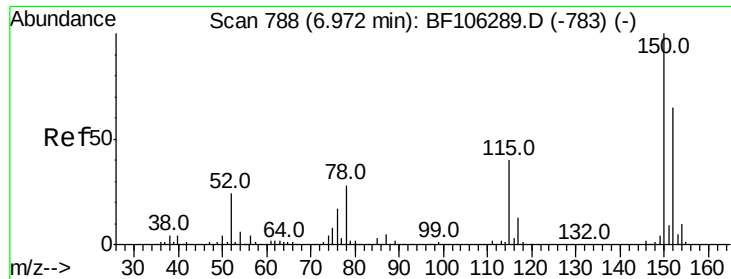
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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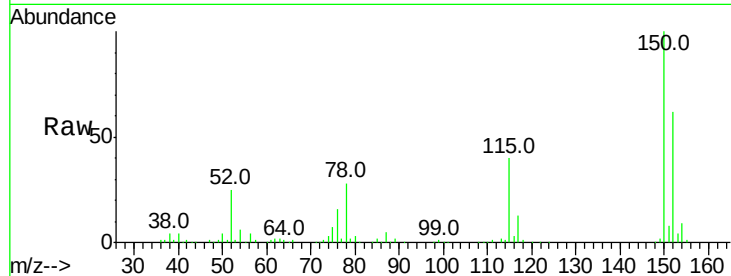


#1

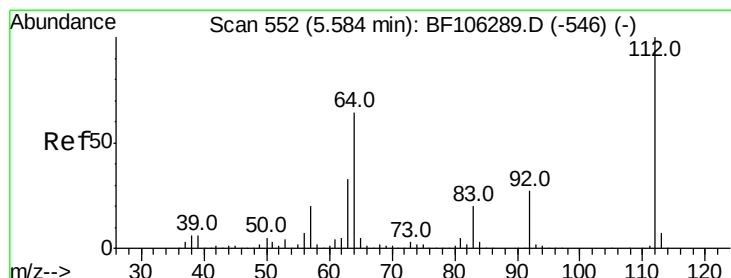
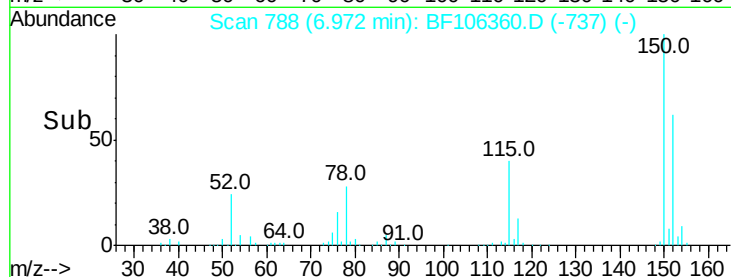
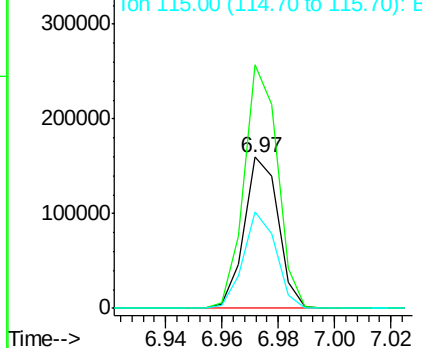
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133741
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 64.3 50.1 75.1



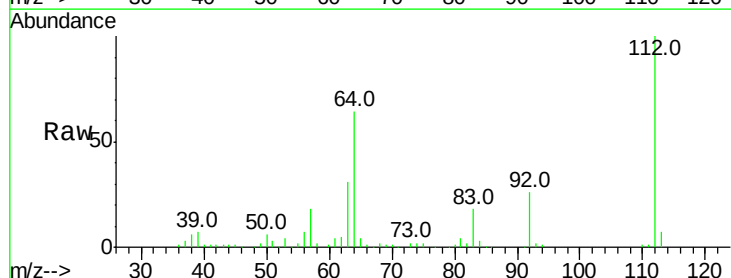
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



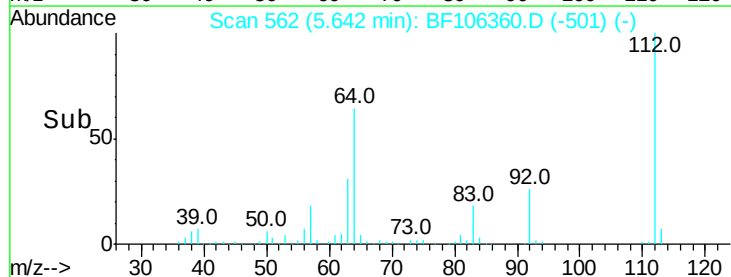
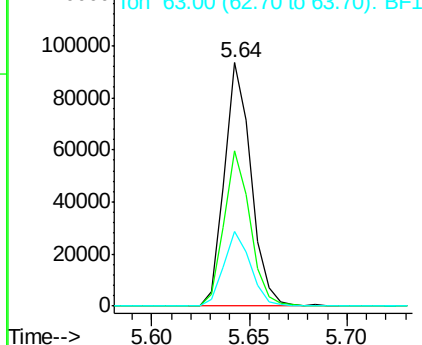
#5

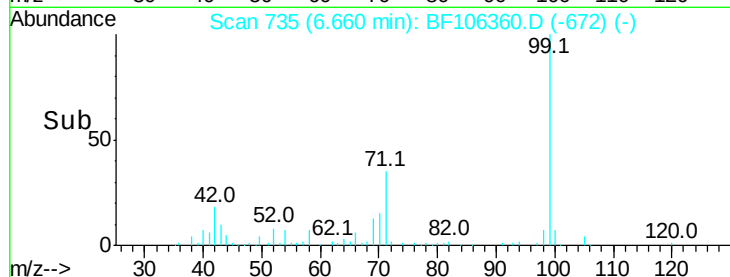
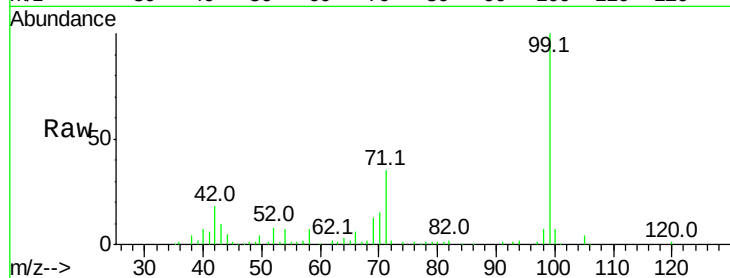
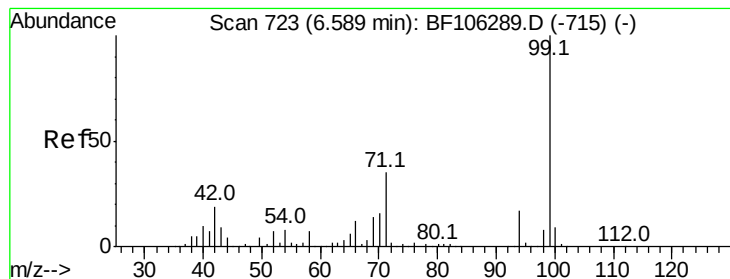
2-Fluorophenol
Concen: 11.230 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.06 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion:112 Resp: 88739
Ion Ratio Lower Upper
112 100
64 63.9 47.9 71.9
63 30.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 10.672 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.07 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

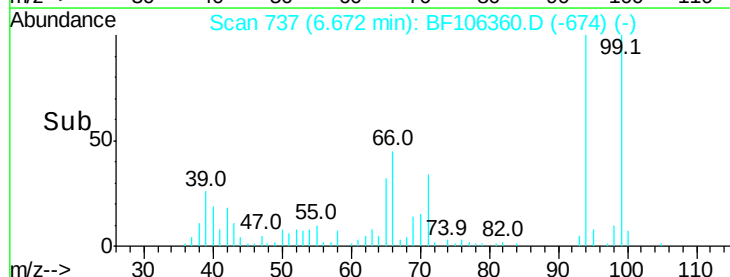
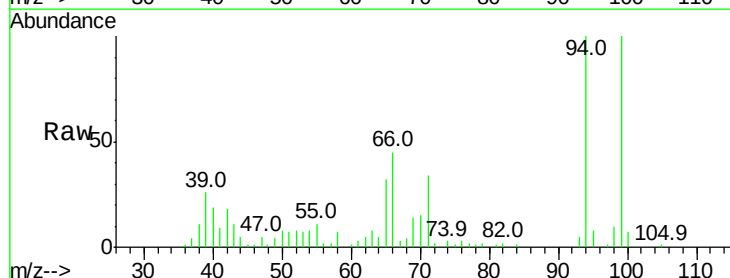
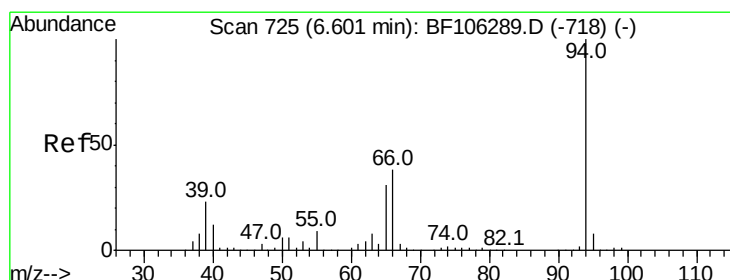
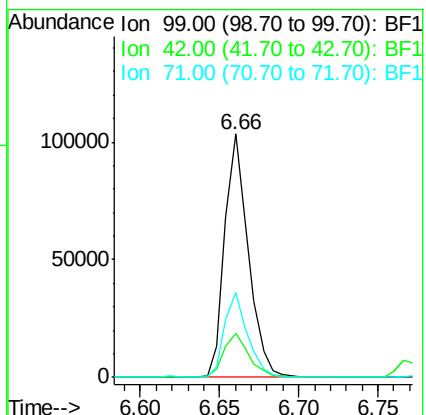
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 106546

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.5	21.7
71	34.7	25.4	38.0



#10

Phenol

Concen: 3.779 ng

RT: 6.67 min Scan# 737

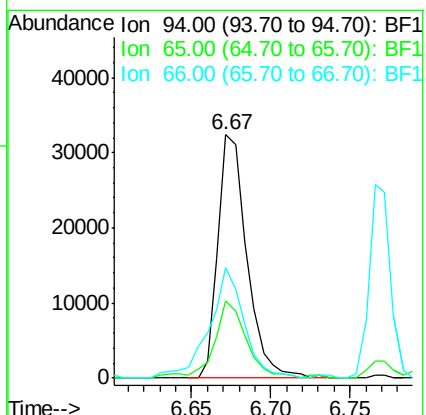
Delta R.T. 0.07 min

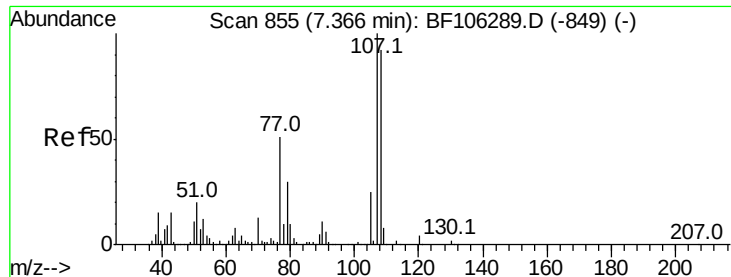
Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Tgt Ion: 94 Resp: 41189

Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	45.3	16.2	56.2





#20

3+4-Methylphenols

Concen: 2.732 ng

RT: 7.42 min Scan# 865

Delta R.T. 0.06 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 26485

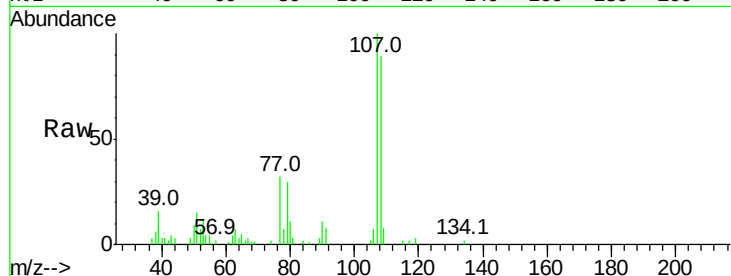
Ion Ratio Lower Upper

107 100

108 88.5 68.2 108.2

77 31.7 26.7 66.7

79 30.0 6.3 46.3

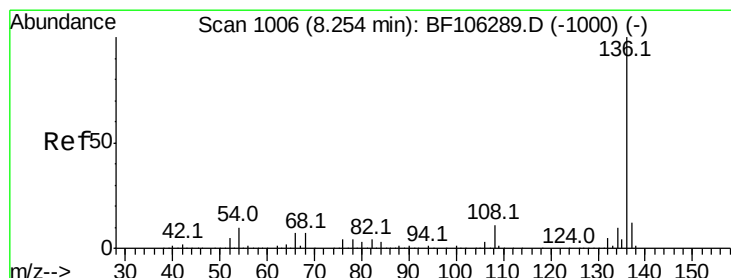
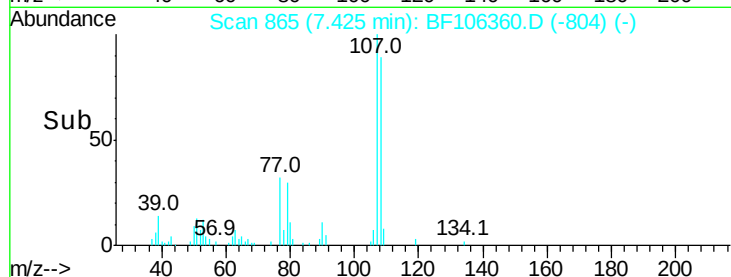
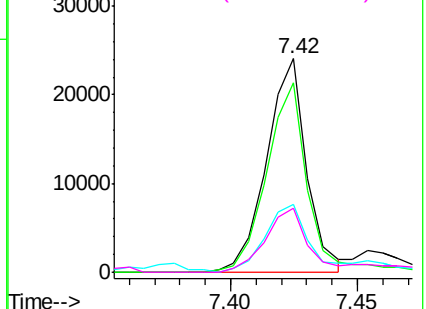


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Tgt Ion:136 Resp: 455574

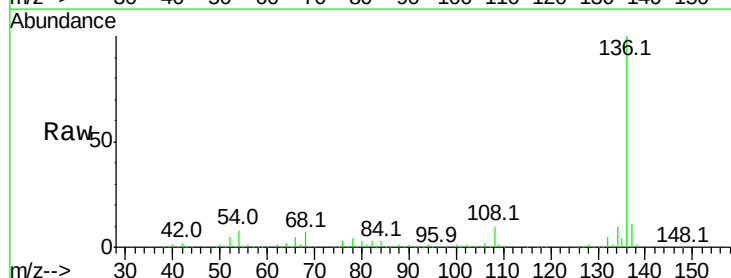
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 6.6 9.8

68 6.8 5.0 7.4

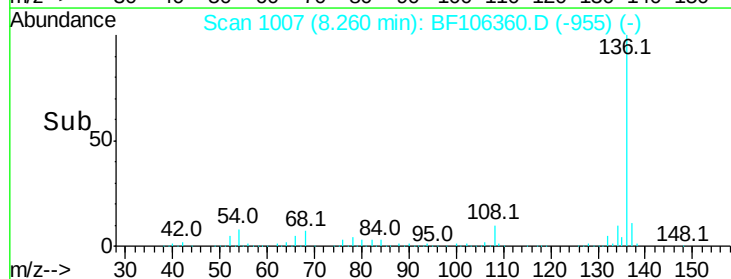
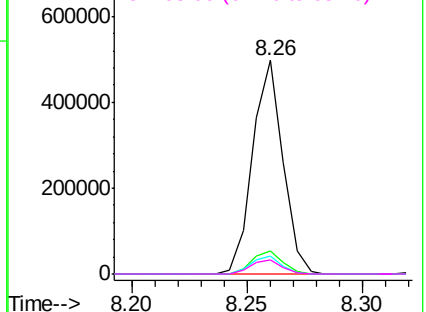


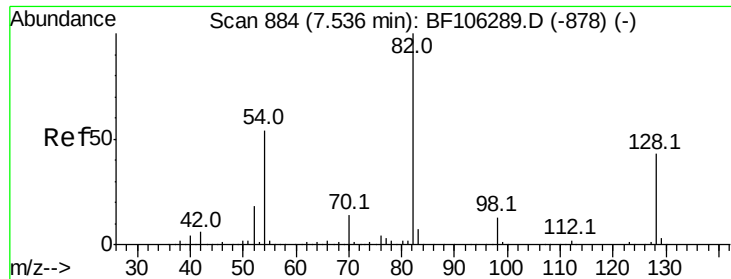
Abundance Ion 136.00 (135.70 to 136.70): E

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

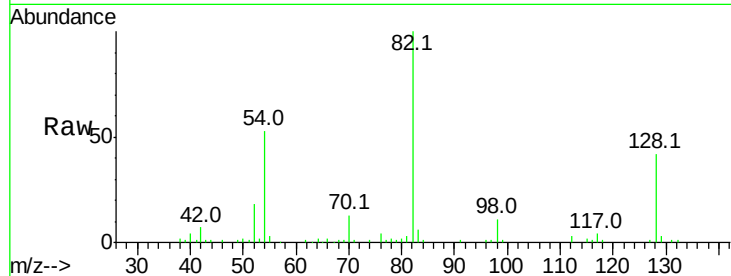




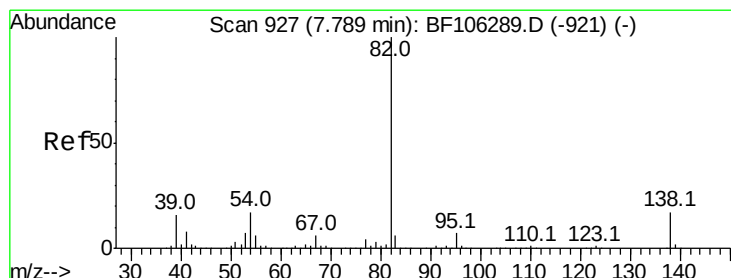
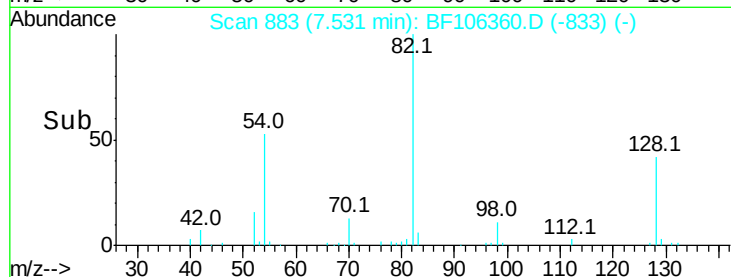
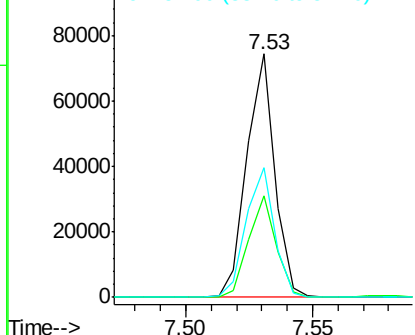
#23
Nitrobenzene-d5
Concen: 7.371 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 57082
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 53.2 41.4 62.2

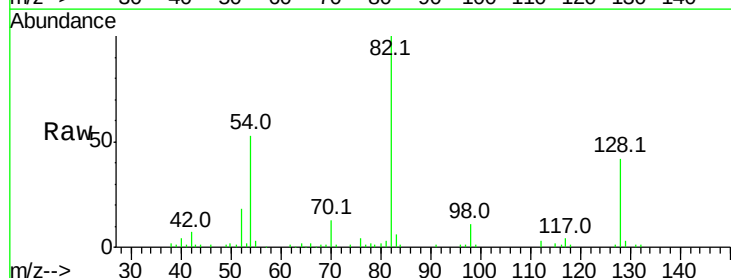


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

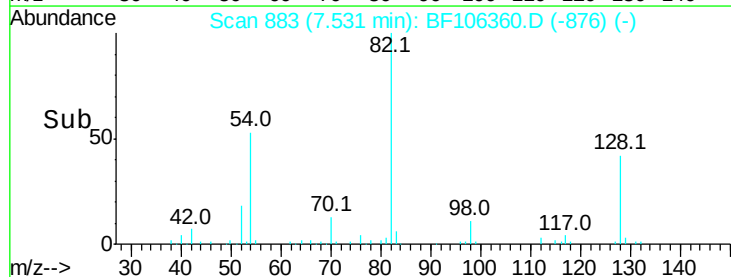
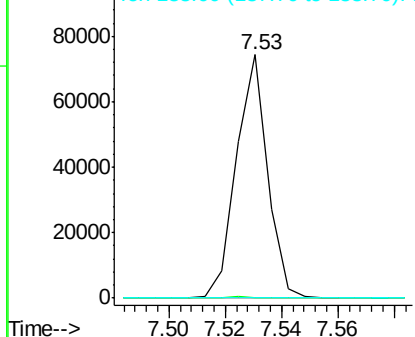


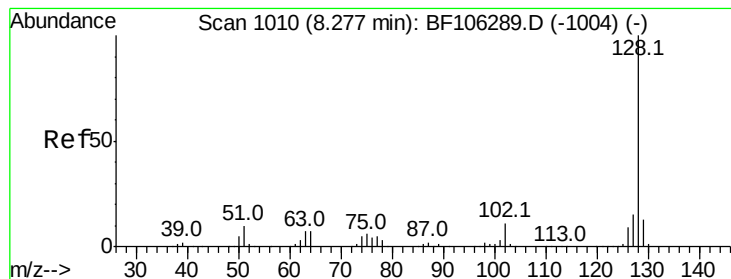
#25
Isophorone
Concen: 3.774 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion: 82 Resp: 57080
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#31

Naphthalene

Concen: 106.971 ng

RT: 8.28 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Instrument :

BNA_F

ClientSampled :

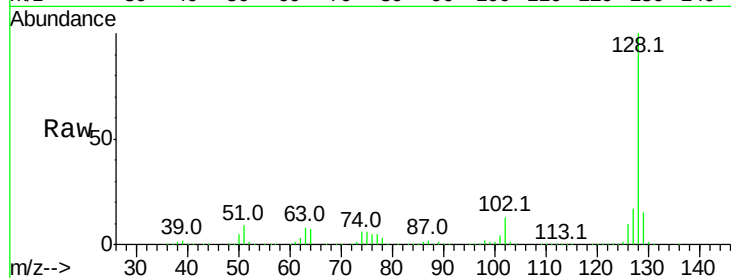
Tot Ion:128 Resp: 2203002

Ion Ratio Lower Upper

128 100

129 14.6 8.8 13.2#

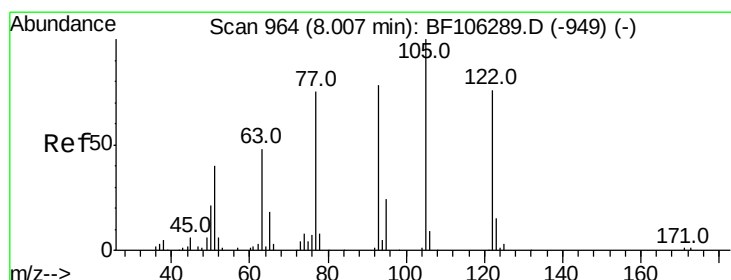
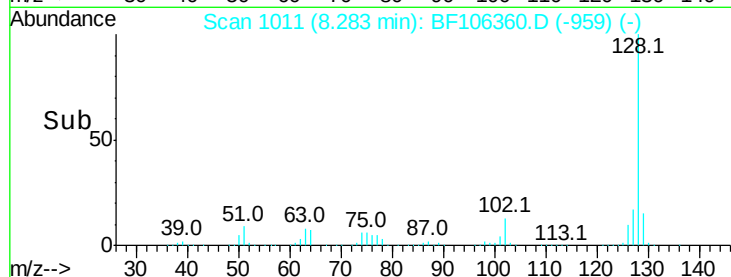
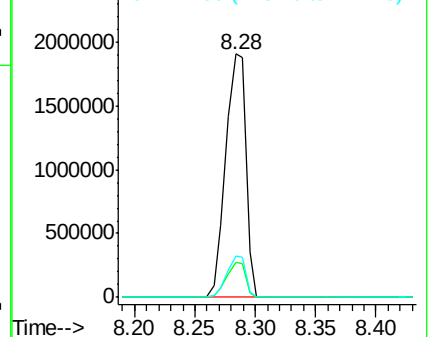
127 17.0 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.495 ng

RT: 8.07 min Scan# 974

Delta R.T. 0.06 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

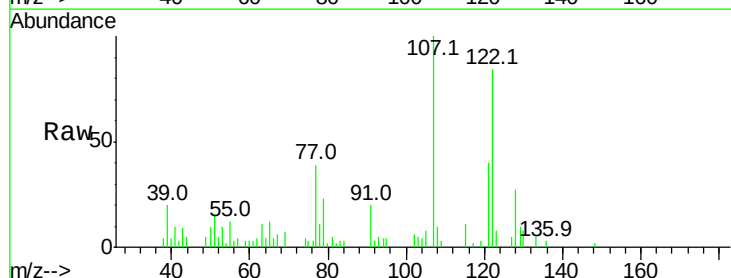
Tgt Ion:122 Resp: 12287

Ion Ratio Lower Upper

122 100

105 9.1 101.1 141.1#

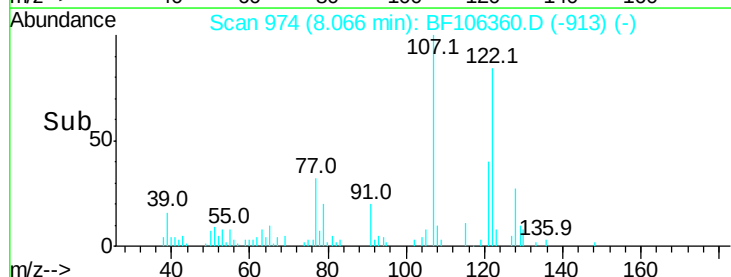
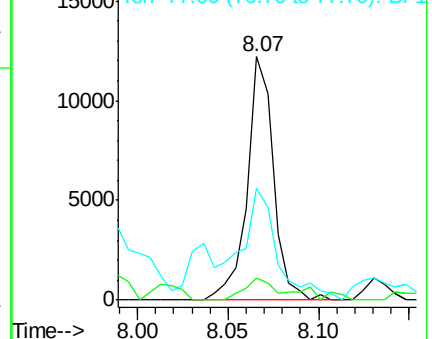
77 46.1 70.7 110.7#

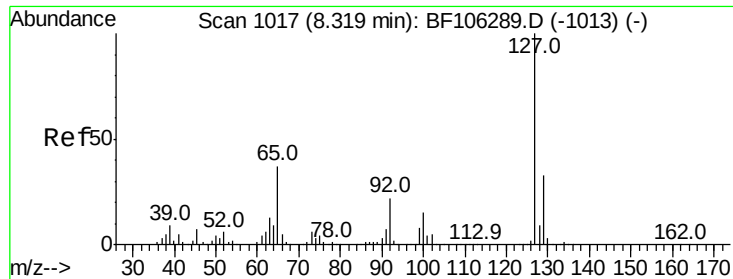


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

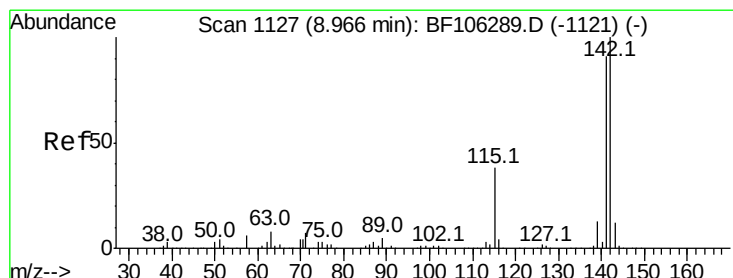
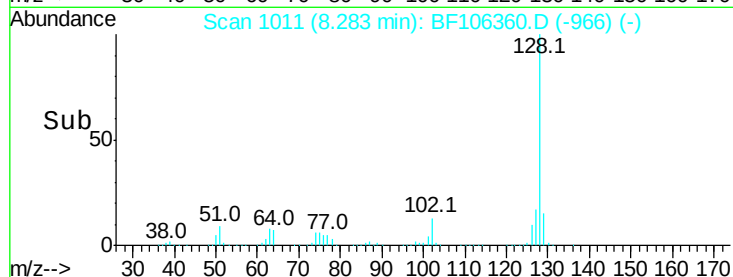
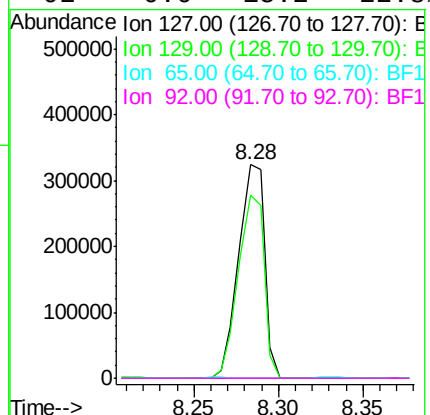
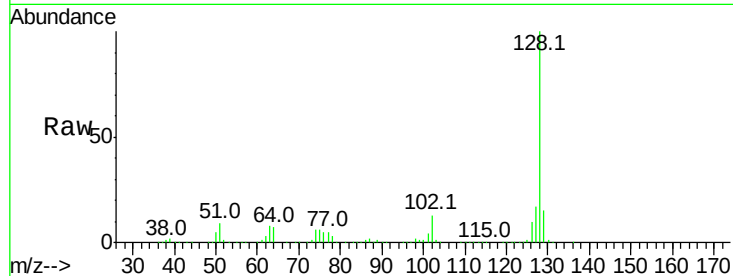




#33
4-Chloroaniline
Concen: 38.264 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.04 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

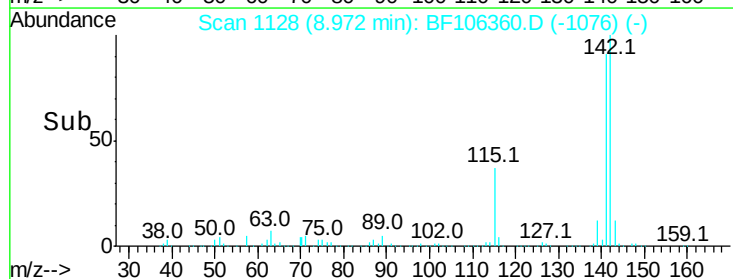
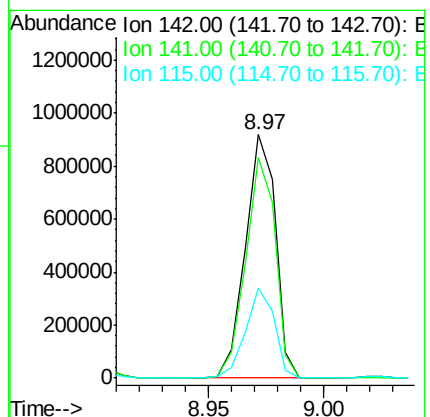
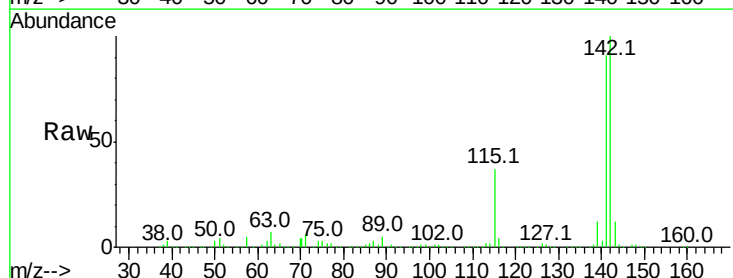
Instrument :
BNA_F
ClientSampled :

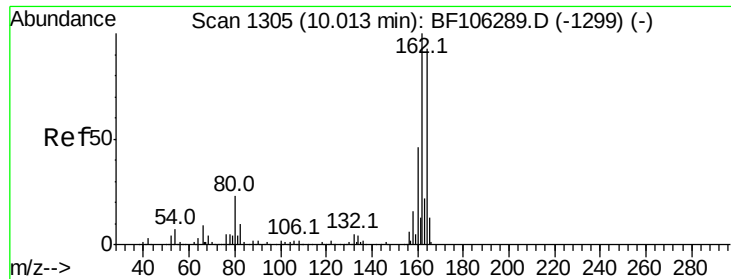
Tot Ion:	127	Resp:	349219
Ion	Ratio	Lower	Upper
127	100		
129	85.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
2-Methylnaphthalene
Concen: 59.949 ng
RT: 8.97 min Scan# 1128
Delta R.T. 0.01 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion:	142	Resp:	840896
Ion	Ratio	Lower	Upper
142	100		
141	90.8	70.8	106.2
115	37.1	26.1	39.1

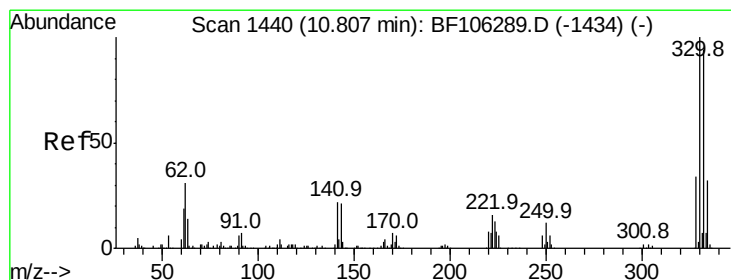
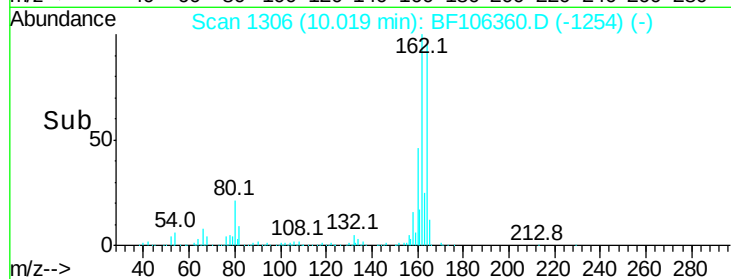
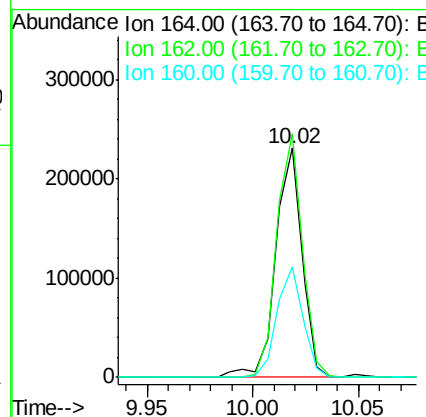
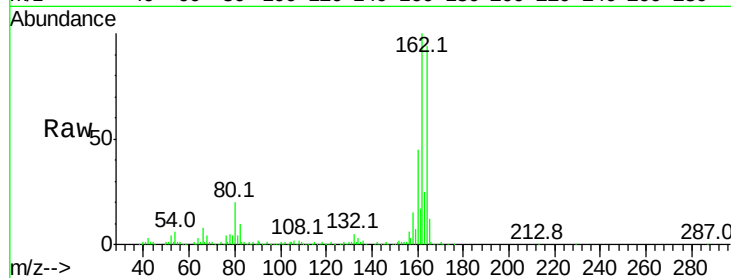




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

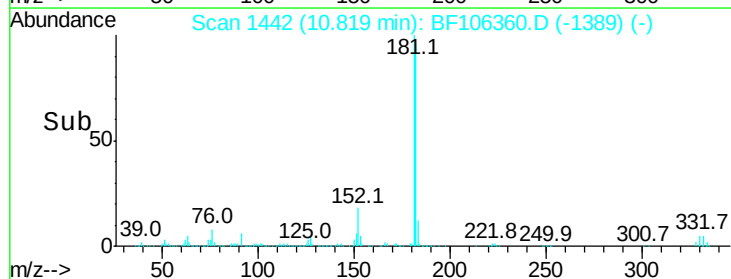
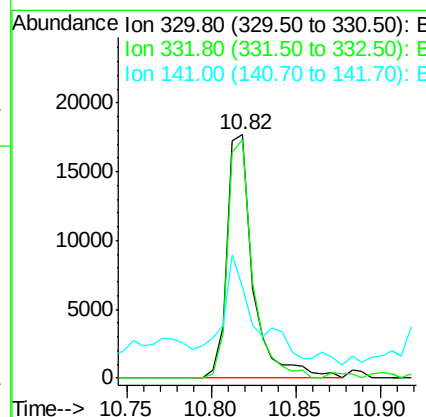
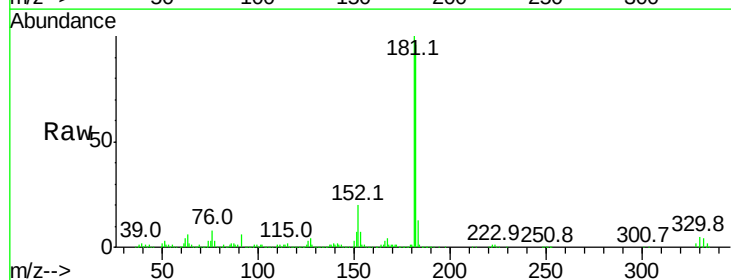
Instrument :
BNA_F
ClientSampleId :

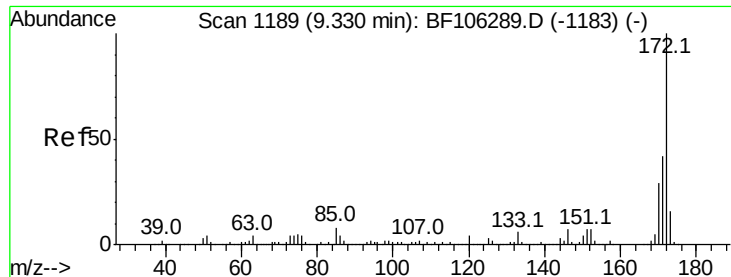
Tot Ion:164 Resp: 200268
Ion Ratio Lower Upper
164 100
162 106.2 86.1 129.1
160 48.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 9.871 ng
RT: 10.82 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion:330 Resp: 19021
Ion Ratio Lower Upper
330 100
332 93.8 77.0 115.6
141 55.1 29.9 44.9#

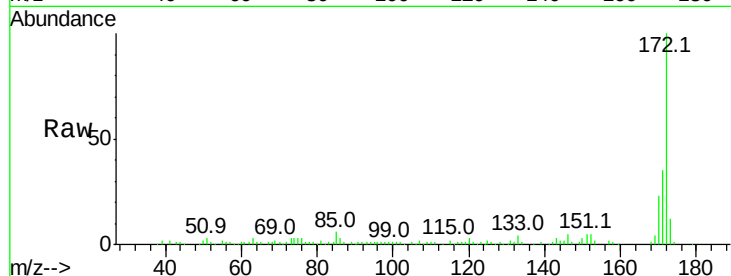




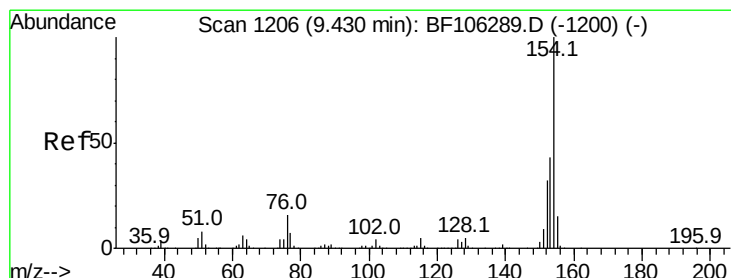
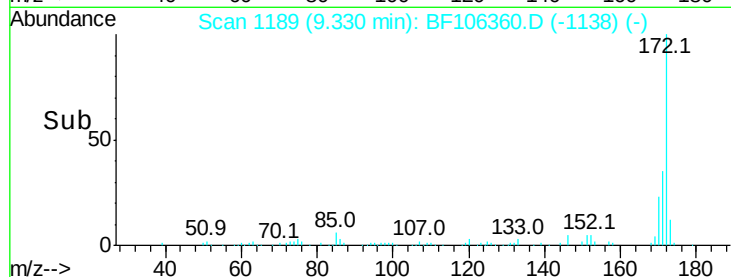
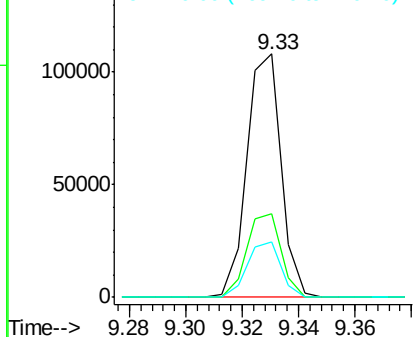
#44
2-Fluorobiphenyl
Concen: -1.000 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.7	44.5
170	22.8	19.6	29.4

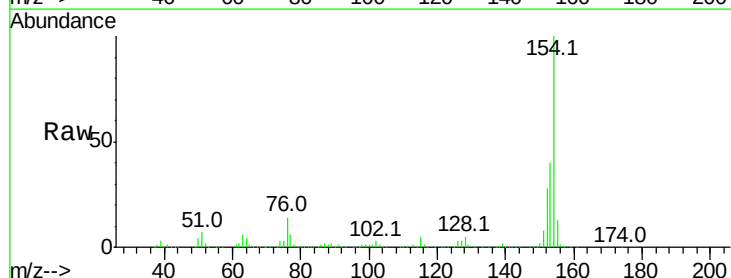


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

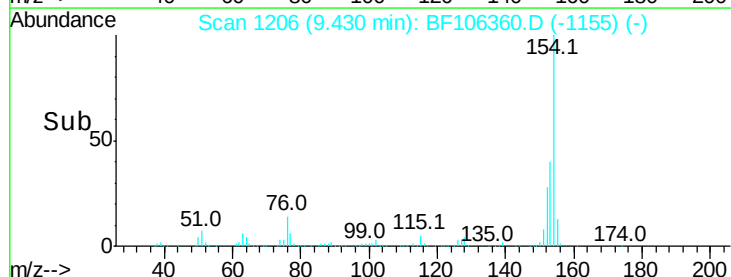
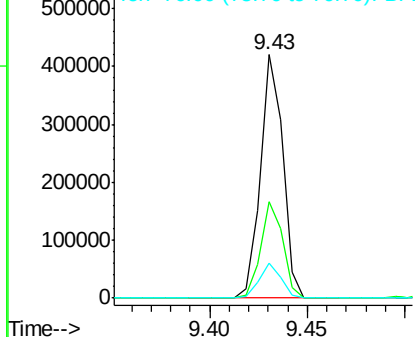


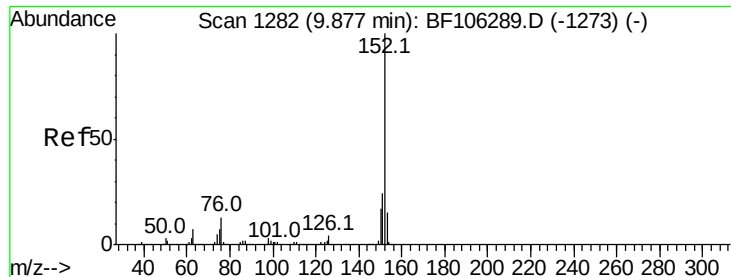
#45
1,1'-Biphenyl
Concen: 21.481 ng
RT: 9.43 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.5	21.3	61.3
76	14.3	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 120.889 ng

RT: 9.89 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Instrument :

BNA_F

ClientSampleId :

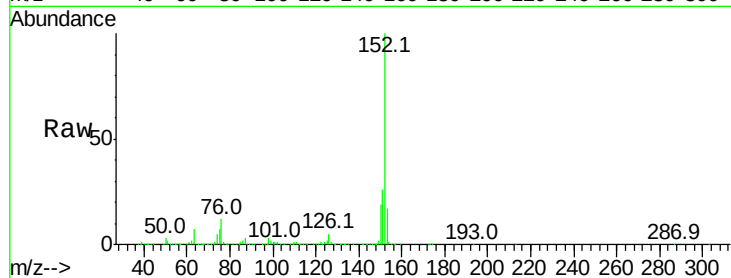
Tot Ion:152 Resp: 2296944

Ion Ratio Lower Upper

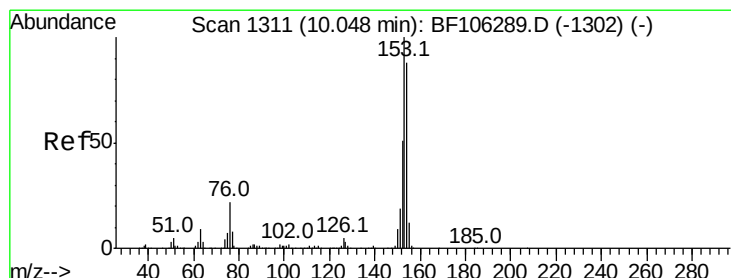
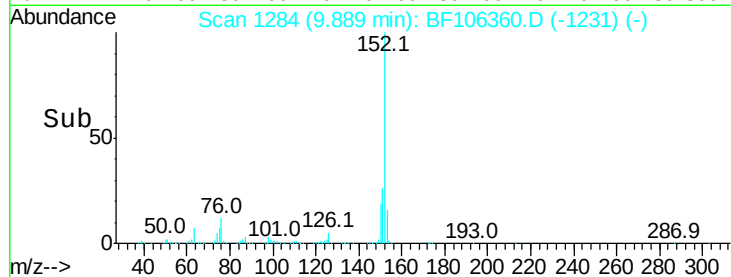
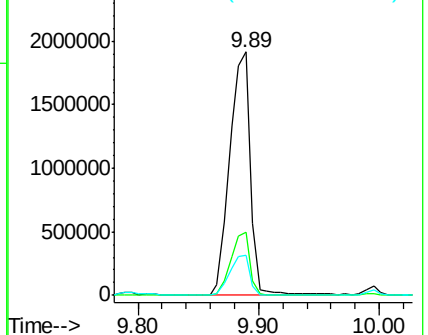
152 100

151 25.9 16.3 24.5#

153 16.5 10.7 16.1#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#51

Acenaphthene

Concen: 67.933 ng

RT: 10.05 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

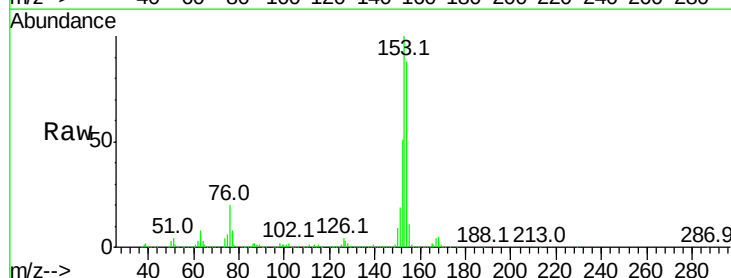
Tgt Ion:154 Resp: 833583

Ion Ratio Lower Upper

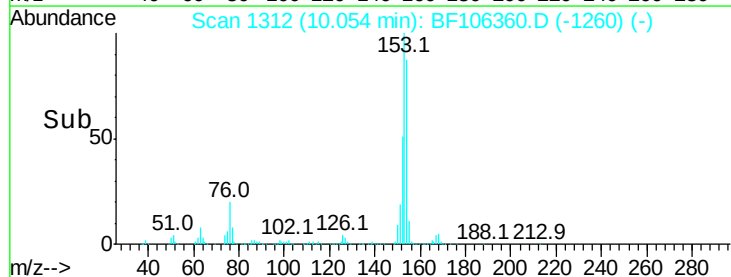
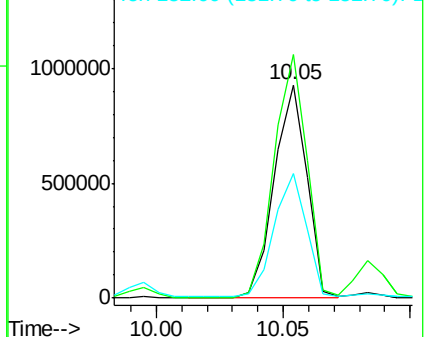
154 100

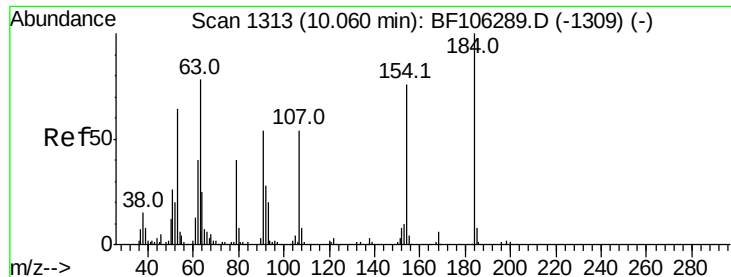
153 114.1 91.2 136.8

152 58.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

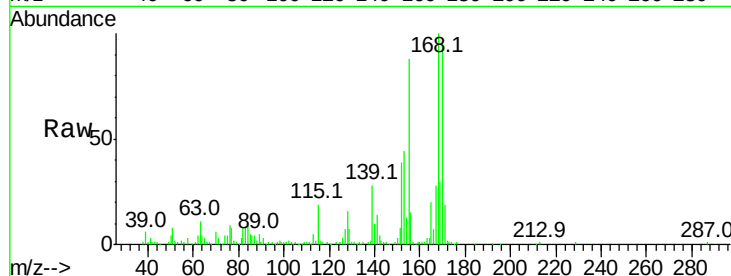




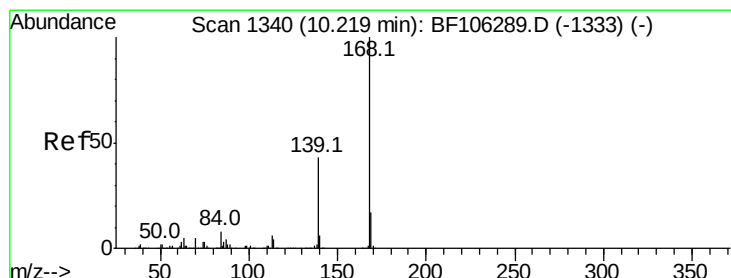
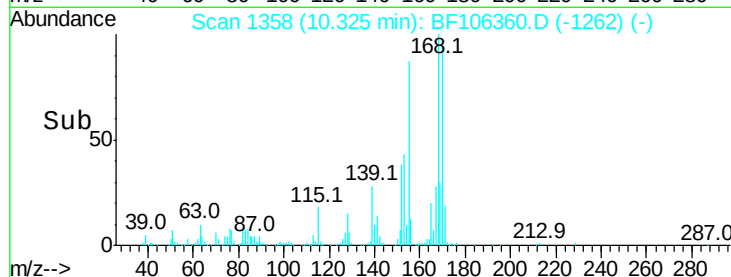
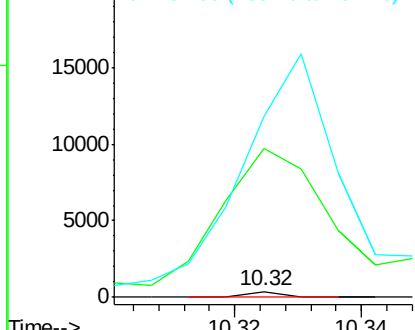
#53
2,4-Dinitrophenol
Concen: 8.706 ng
RT: 10.32 min Scan# 1358
Delta R.T. 0.27 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 138
Ion Ratio Lower Upper
184 100
63 2500.5 54.2 81.2#
154 3035.9 184.0 276.0#

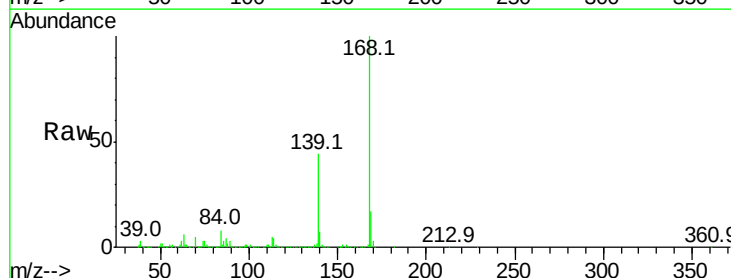


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

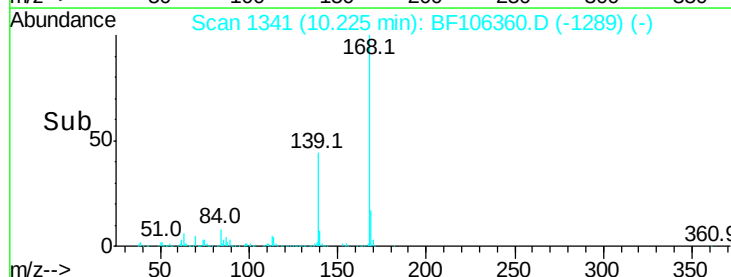
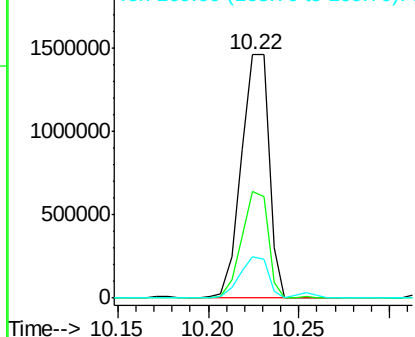


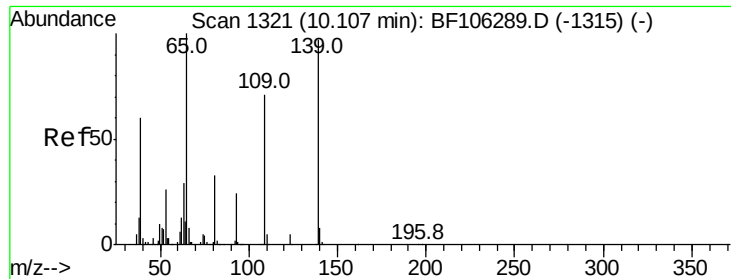
#54
Dibenzofuran
Concen: 94.071 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion:168 Resp: 1554374
Ion Ratio Lower Upper
168 100
139 44.0 30.1 45.1
169 17.2 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

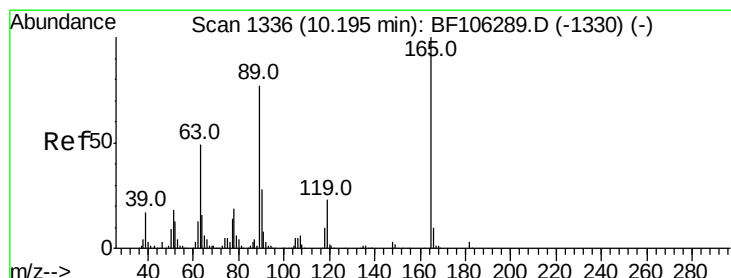
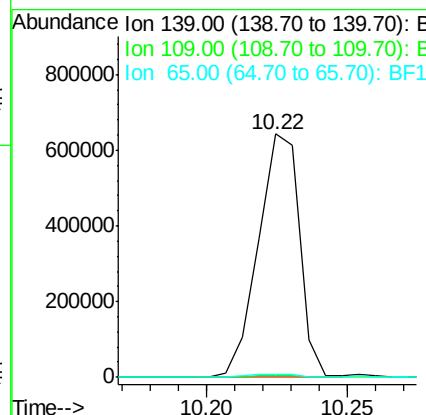
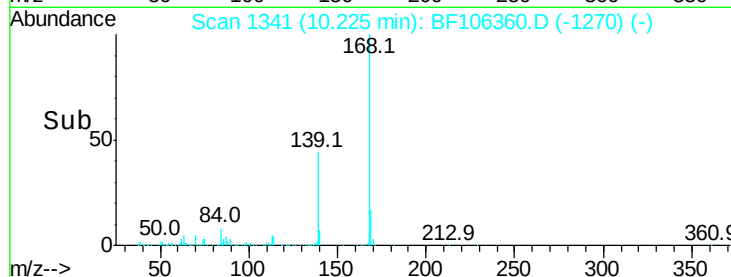
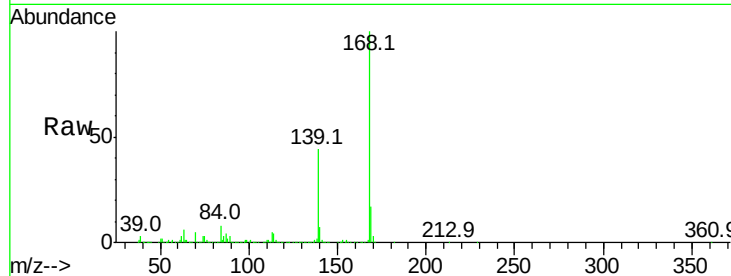




#55
4-Nitrophenol
Concen: 244.365 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.12 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

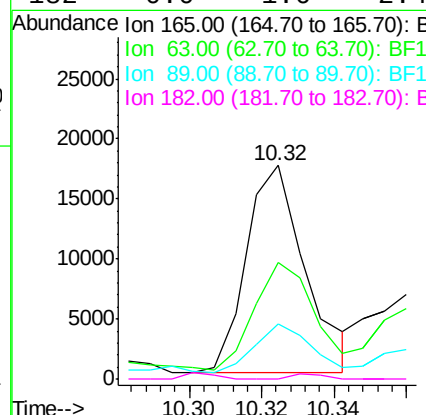
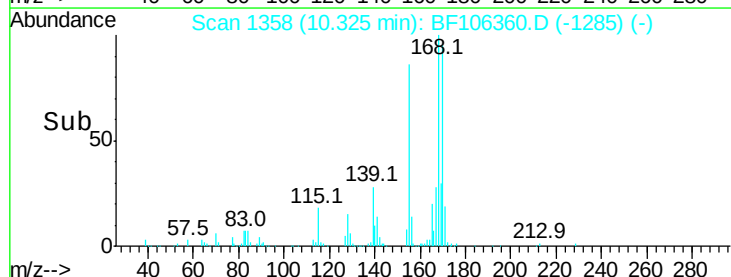
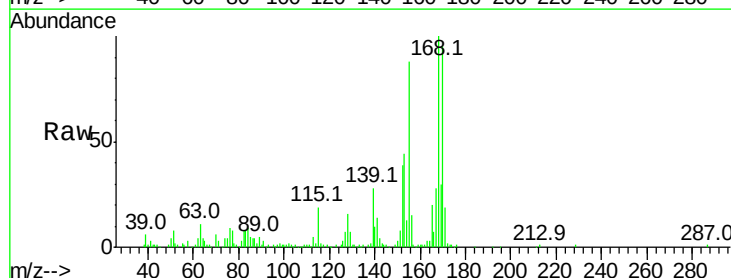
Instrument :
BNA_F
ClientSampleId :

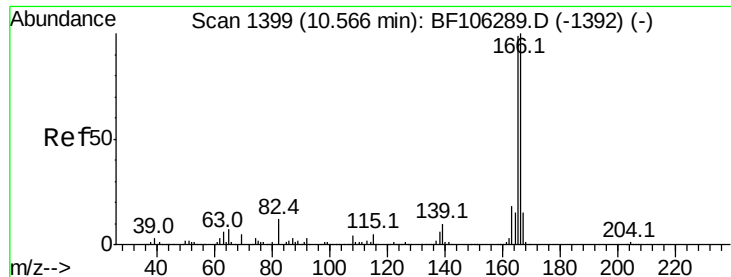
Tot Ion:139 Resp: 649733
Ion Ratio Lower Upper
139 100
109 0.8 48.4 88.4#
65 1.4 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 5.283 ng
RT: 10.32 min Scan# 1358
Delta R.T. 0.13 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion:165 Resp: 19391
Ion Ratio Lower Upper
165 100
63 54.8 36.4 54.6#
89 25.6 57.8 86.6#
182 0.0 1.6 2.4#

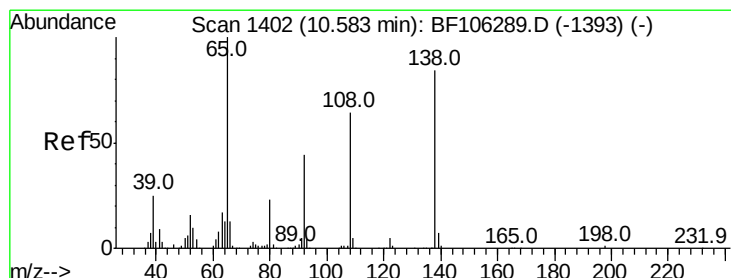
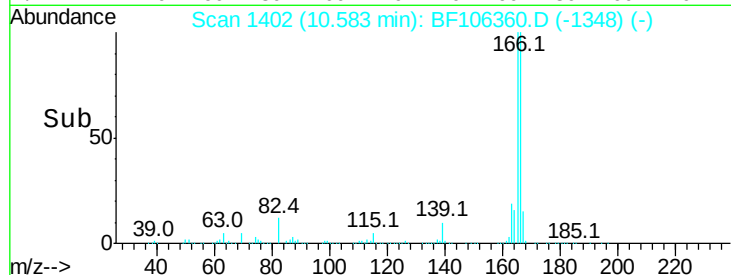
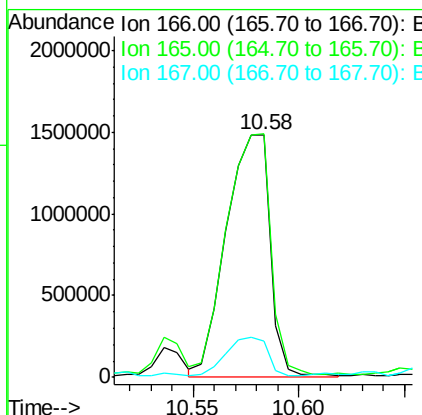
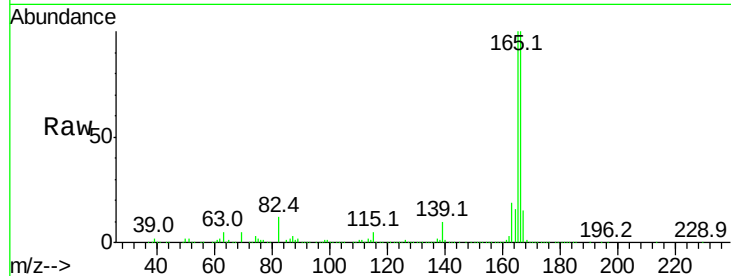




#57
 Fluorene
 Concen: 162.781 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. 0.02 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

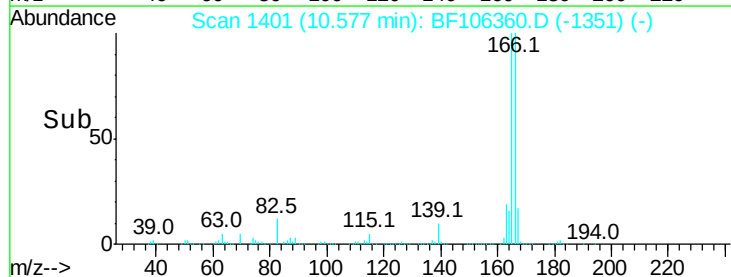
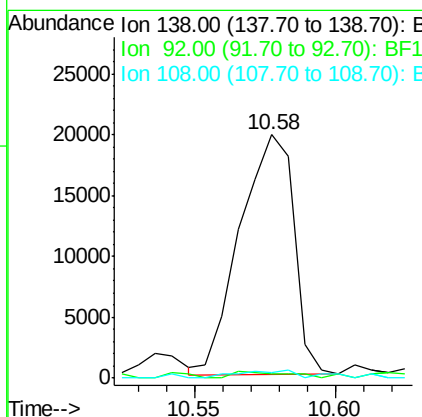
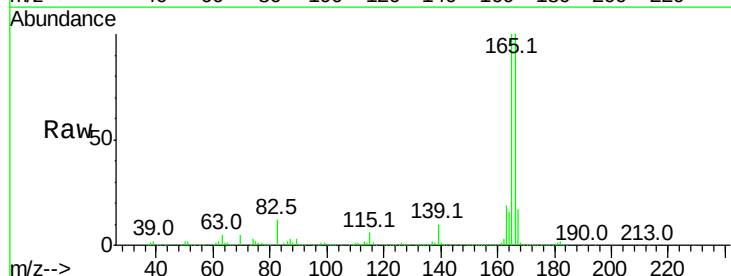
Instrument :
 BNA_F
 ClientSampleId :

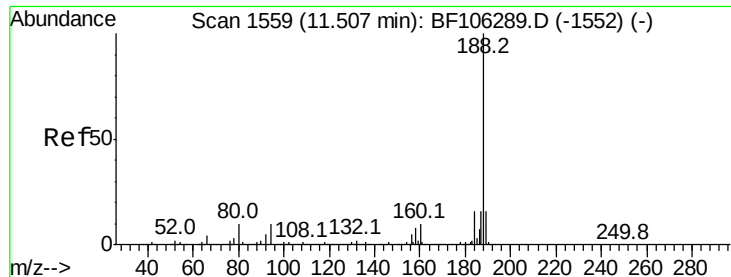
Tot Ion:166 Resp: 2131040
 Ion Ratio Lower Upper
 166 100
 165 100.5 79.8 119.8
 167 15.1 10.6 16.0



#61
 4-Nitroaniline
 Concen: 7.721 ng
 RT: 10.58 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

Tgt Ion:138 Resp: 26059
 Ion Ratio Lower Upper
 138 100
 92 2.0 30.2 70.2#
 108 2.3 52.5 92.5#

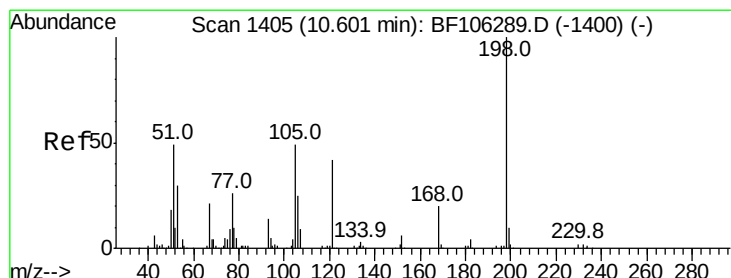
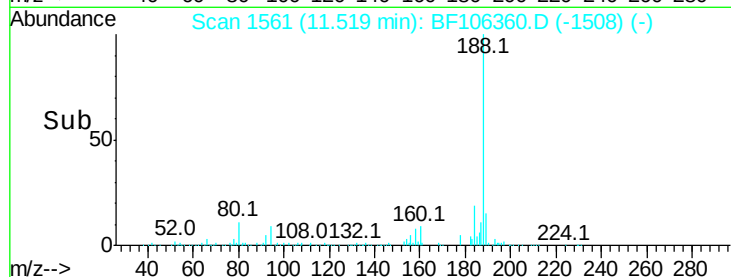
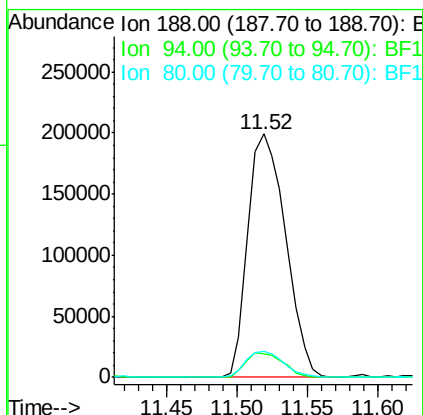
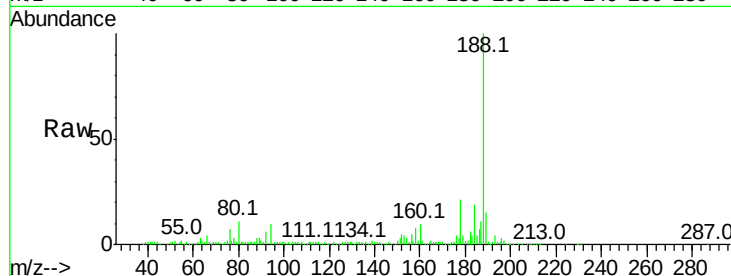




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

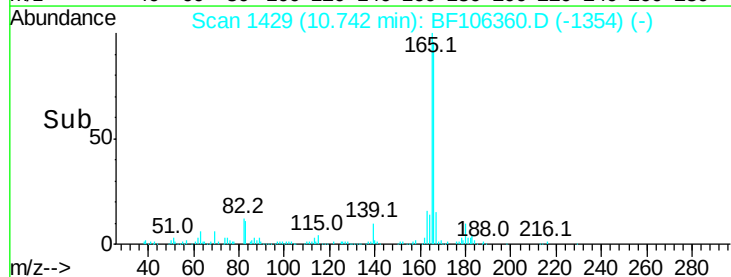
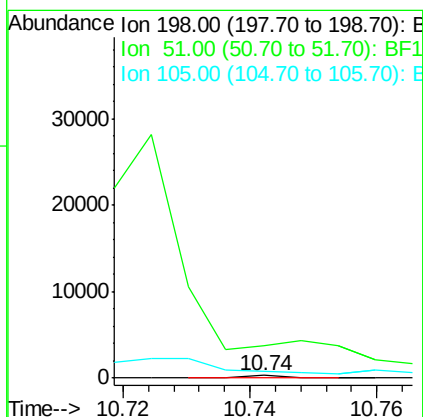
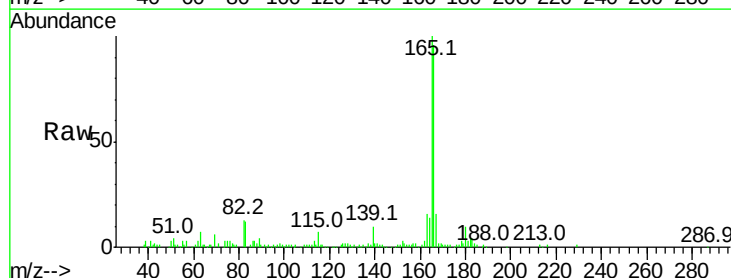
Instrument :
BNA_F
ClientSampleId :

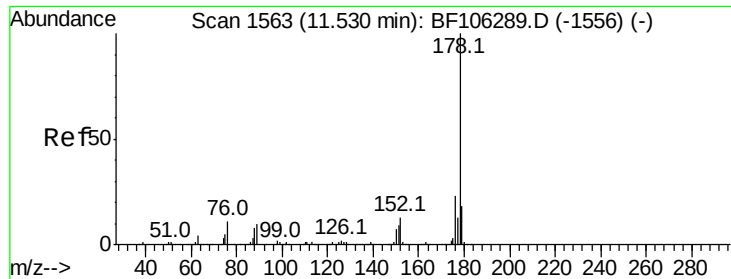
Tot Ion:188 Resp: 375505
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 6.343 ng
RT: 10.74 min Scan# 1429
Delta R.T. 0.14 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion:198 Resp: 113
Ion Ratio Lower Upper
198 100
51 1177.8 37.7 77.7#
105 235.0 36.3 76.3#

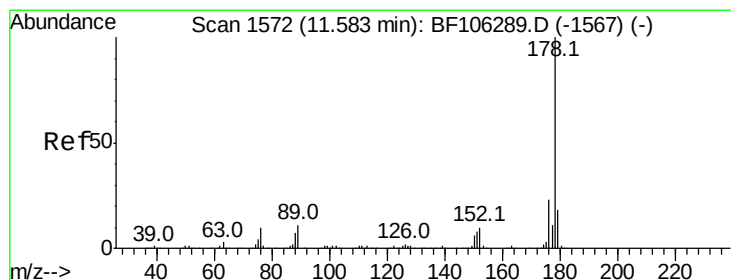
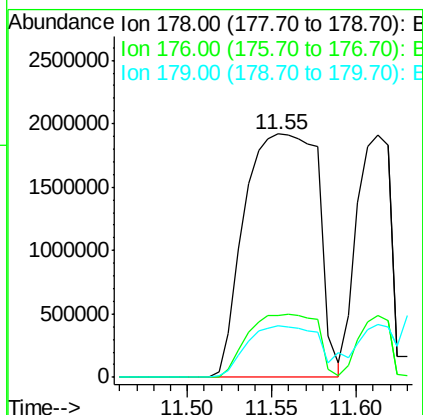
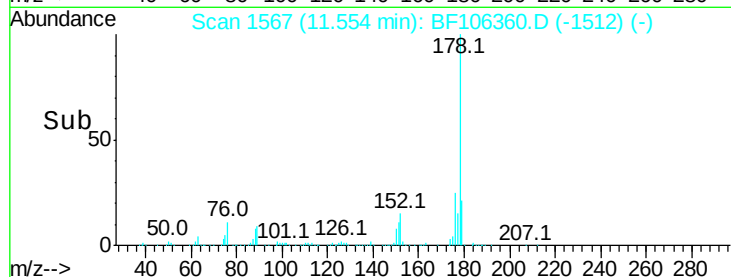
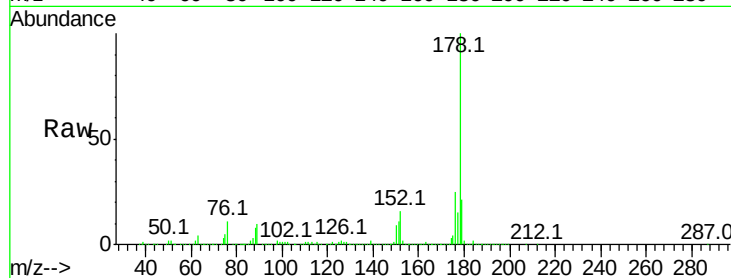




#70
Phenanthrene
Concen: 314.535 ng
RT: 11.55 min Scan# 1567
Delta R.T. 0.02 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

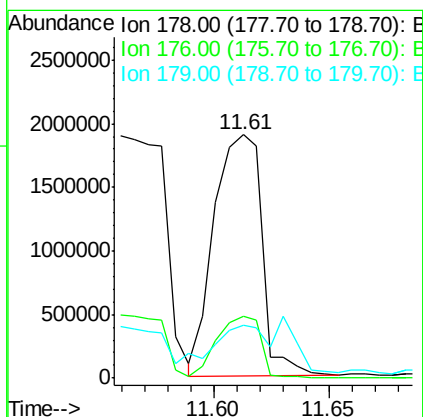
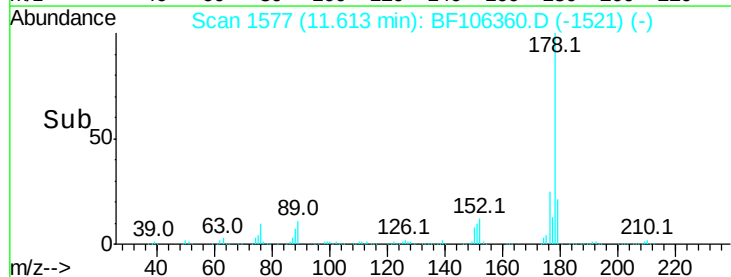
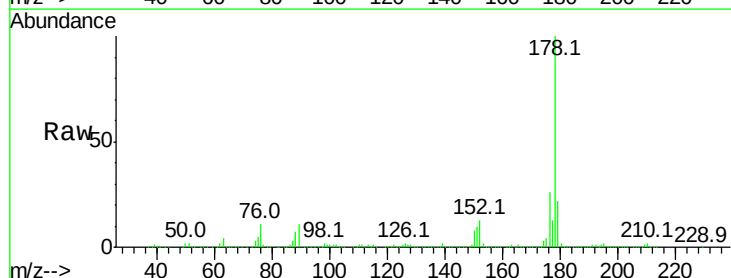
Instrument :
BNA_F
ClientSampleId :

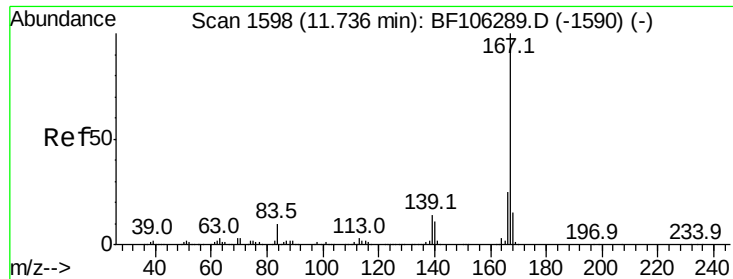
Tot Ion:178 Resp: 5784272
Ion Ratio Lower Upper
178 100
176 25.4 15.8 23.8#
179 21.3 13.0 19.6#



#71
Anthracene
Concen: 147.850 ng
RT: 11.61 min Scan# 1577
Delta R.T. 0.03 min
Lab File: BF106360.D
Acq: 12 Jun 2018 22:17

Tgt Ion:178 Resp: 2723894
Ion Ratio Lower Upper
178 100
176 25.5 15.4 23.2#
179 21.5 12.6 19.0#



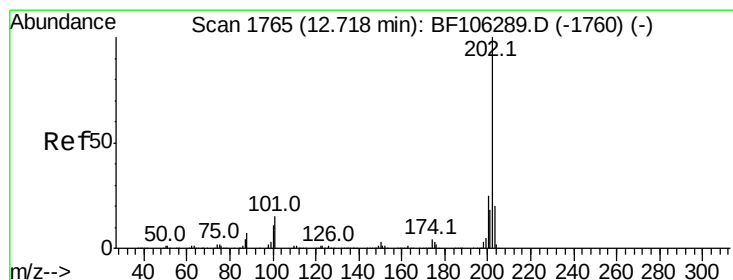
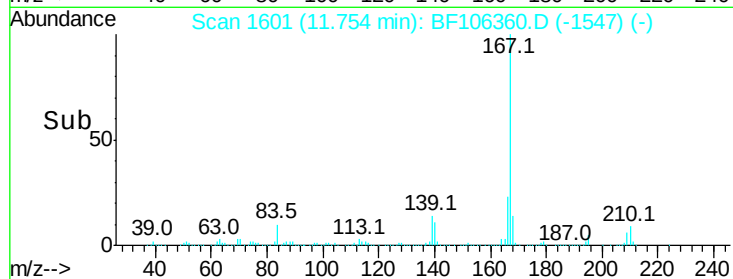
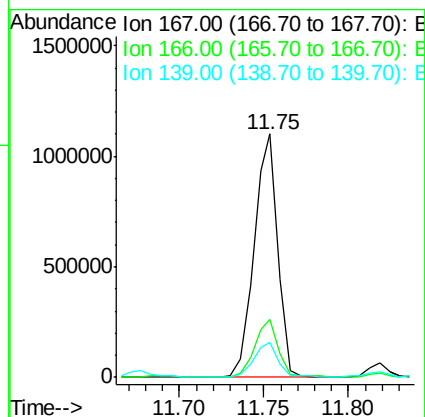
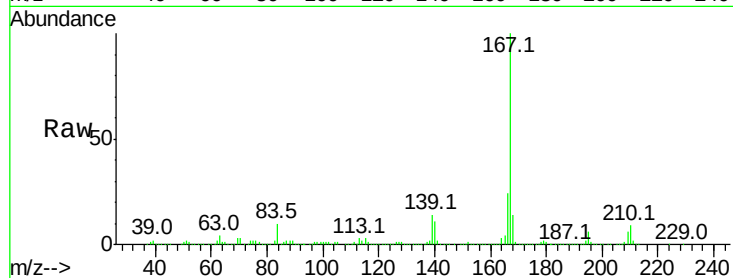


#72
 Carbazole
 Concen: 62.516 ng
 RT: 11.75 min Scan# 1601
 Delta R.T. 0.02 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1063305

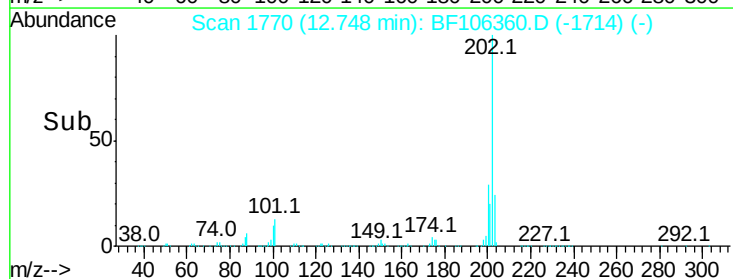
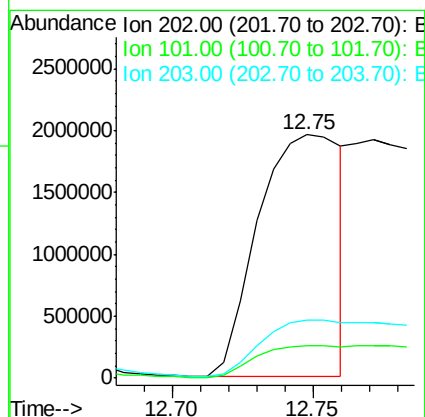
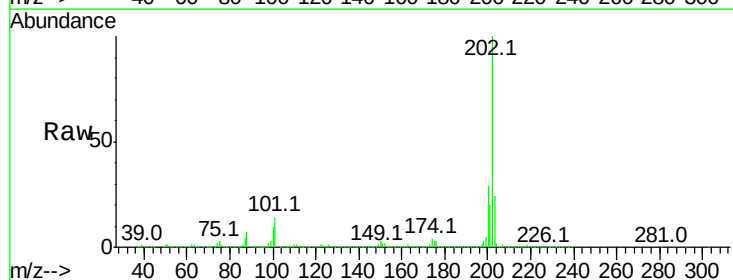
Ion	Ratio	Lower	Upper
167	100		
166	23.7	17.6	26.4
139	14.2	10.9	16.3

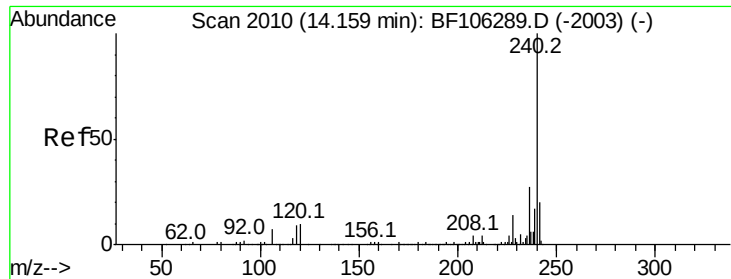


#74
 Fluoranthene
 Concen: 203.007 ng
 RT: 12.75 min Scan# 1770
 Delta R.T. 0.03 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

Tgt Ion:202 Resp: 3981359

Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	23.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.04 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Instrument :

BNA_F

ClientSampleId :

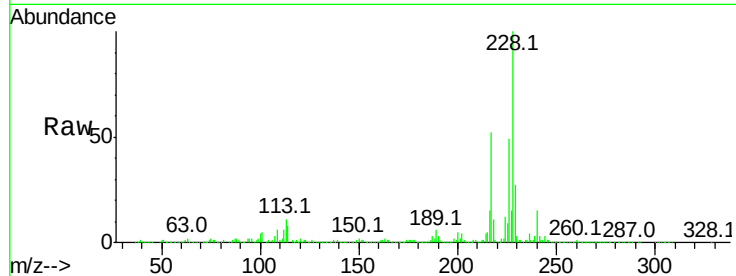
Tot Ion:240 Resp: 172353

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

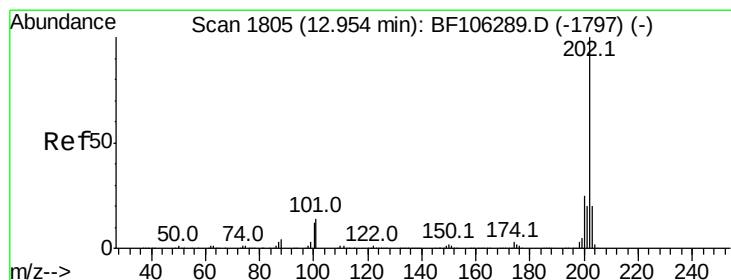
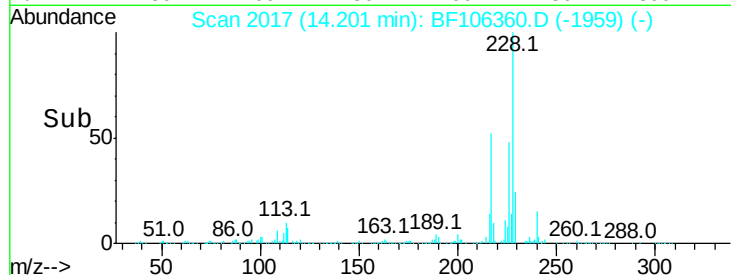
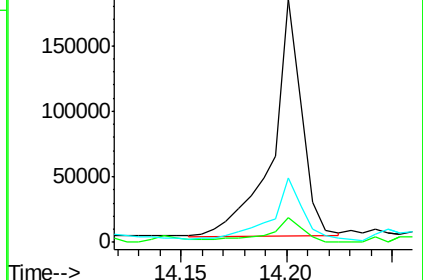
236 26.3 20.7 31.1



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



#77

Pyrene

Concen: 539.910 ng

RT: 13.01 min Scan# 1815

Delta R.T. 0.06 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

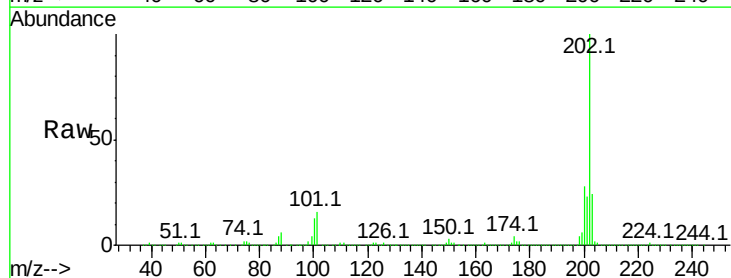
Tgt Ion:202 Resp: 5825824

Ion Ratio Lower Upper

202 100

200 28.3 17.4 26.2#

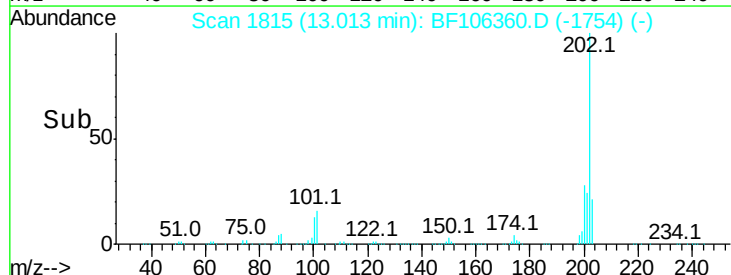
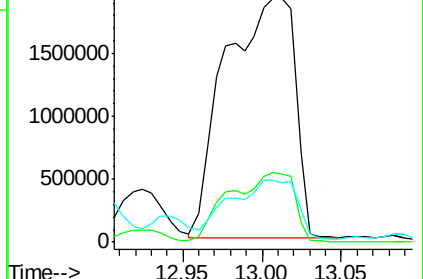
203 24.1 14.3 21.5#

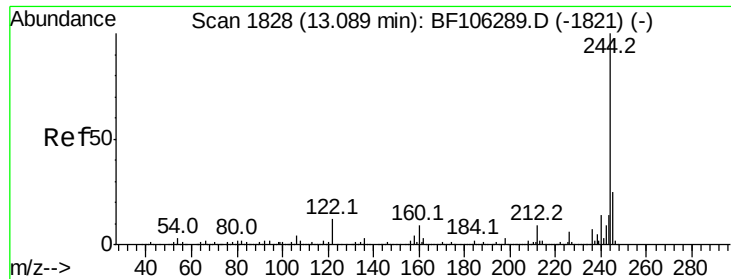


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

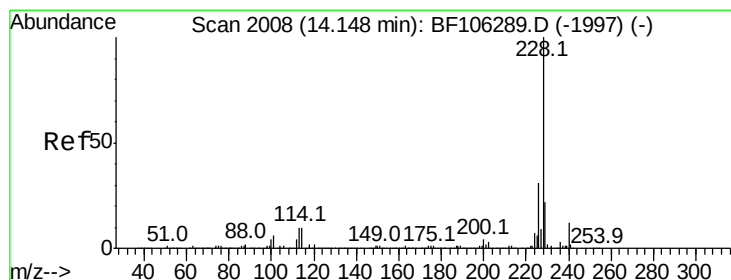
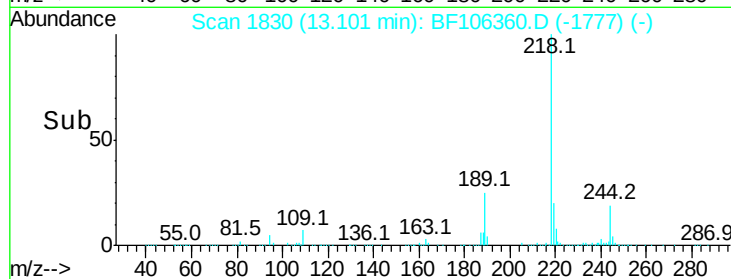
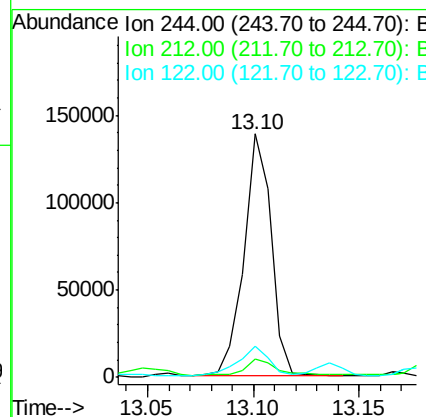
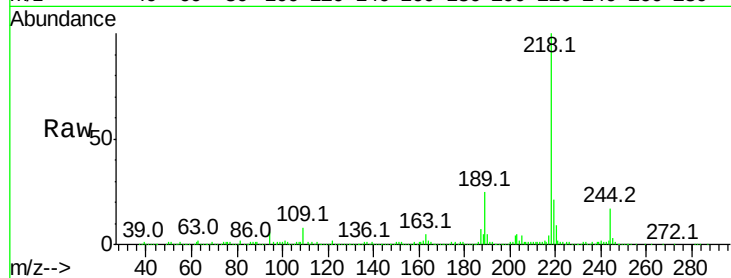




#78
 Terphenyl-d14
 Concen: 17.824 ng
 RT: 13.10 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

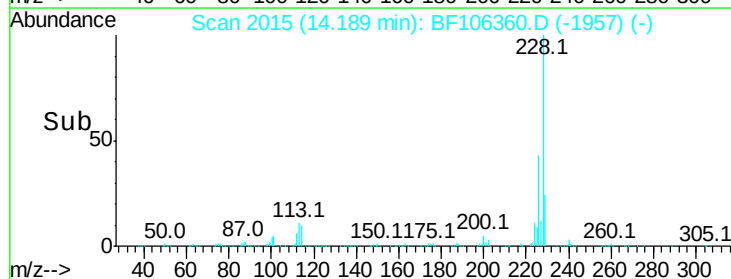
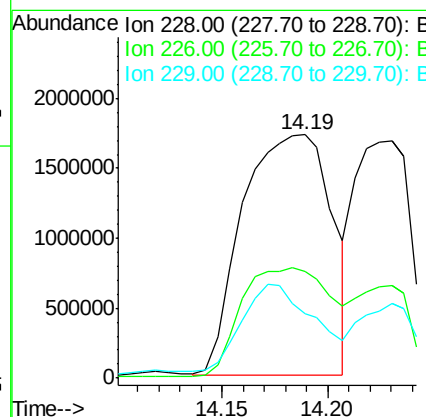
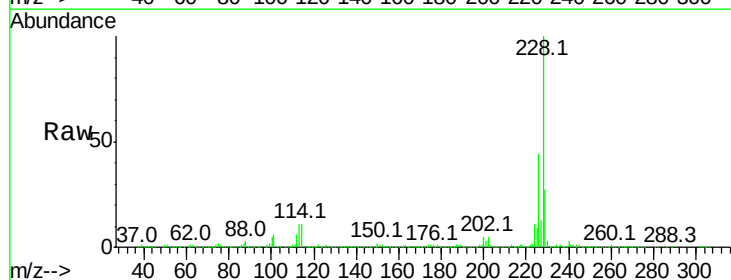
Instrument :
 BNA_F
 ClientSampleId :

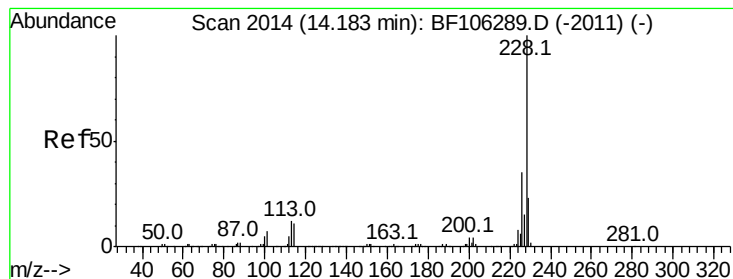
Tot Ion:244 Resp: 123681
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.6 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 491.758 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.04 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

Tgt Ion:228 Resp: 5043776
 Ion Ratio Lower Upper
 228 100
 226 43.7 22.6 33.8#
 229 26.6 15.8 23.6#





#82

Chrysene

Concen: 331.117 ng

RT: 14.23 min Scan# 2022

Delta R.T. 0.05 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Instrument :

BNA_F

ClientSampleId :

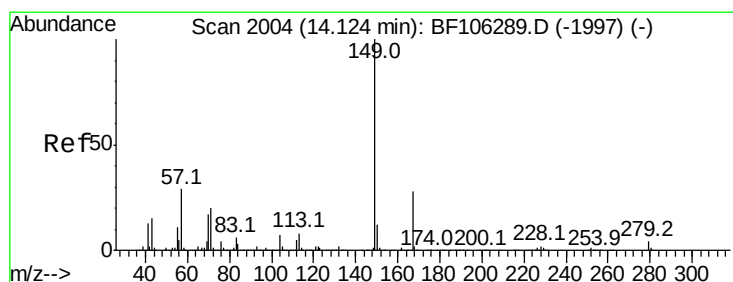
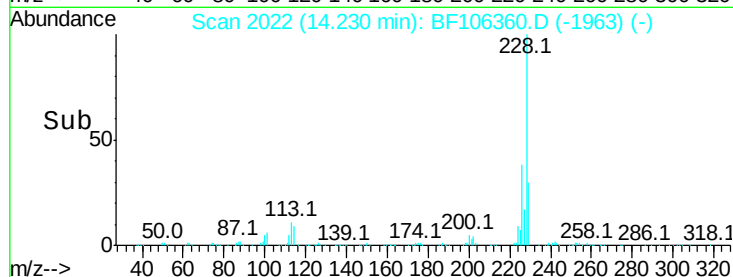
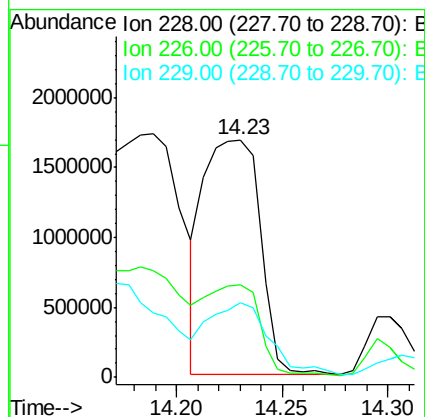
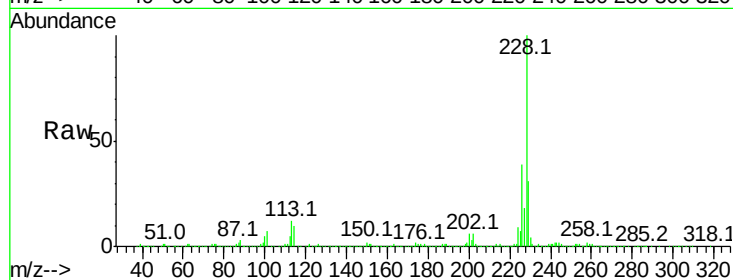
Tot Ion:228 Resp: 3100684

Ion Ratio Lower Upper

228 100

226 38.8 25.0 37.6#

229 31.2 16.2 24.4#



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.899 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.05 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

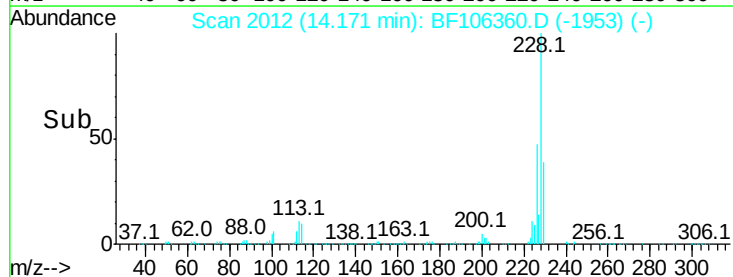
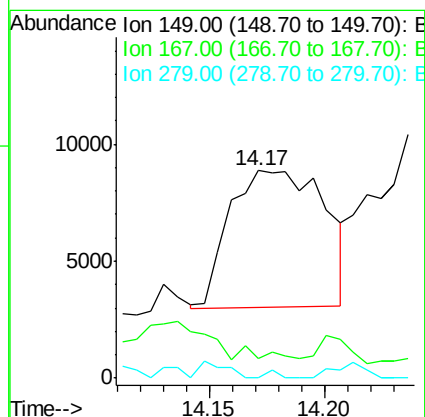
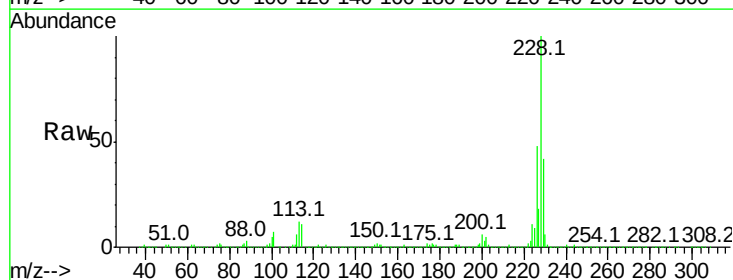
Tgt Ion:149 Resp: 16789

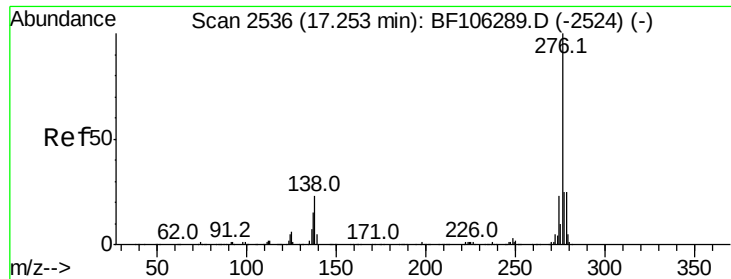
Ion Ratio Lower Upper

149 100

167 9.3 21.3 31.9#

279 0.0 3.0 4.4#

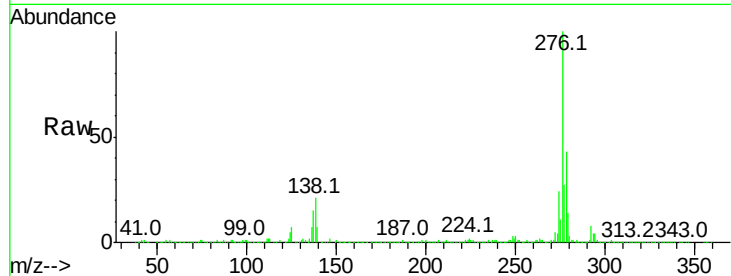




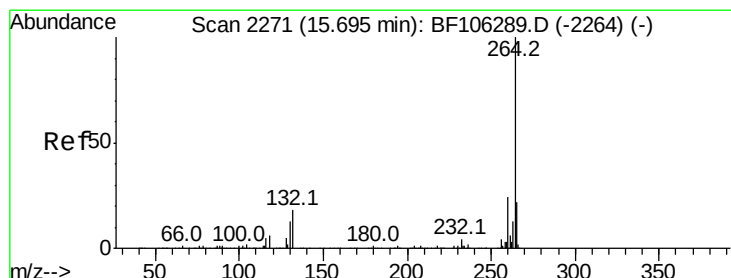
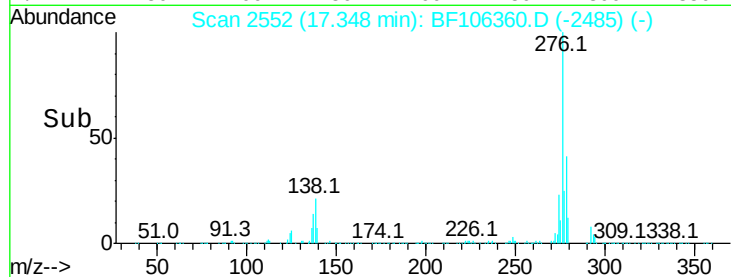
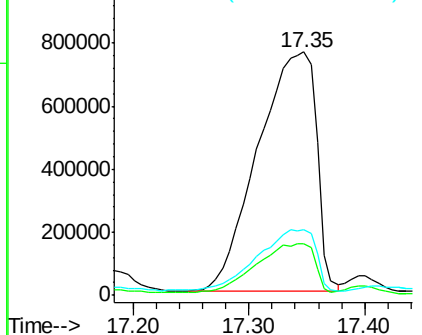
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 356.656 ng
 RT: 17.35 min Scan# 2552
 Delta R.T. 0.09 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 2665478
 Ion Ratio Lower Upper
 276 100
 138 20.2 25.0 37.6#
 277 25.9 20.1 30.1

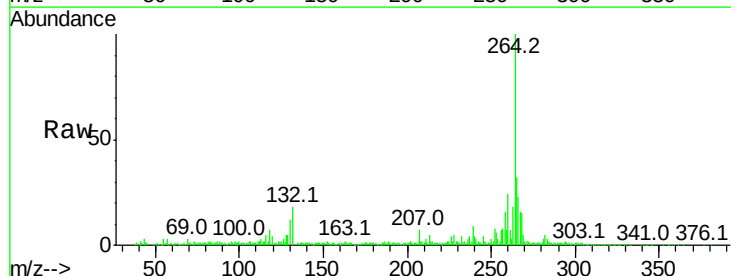


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

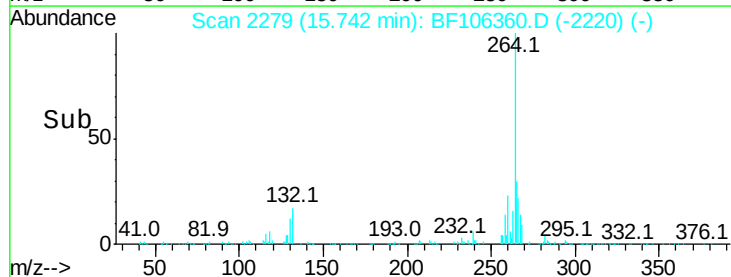
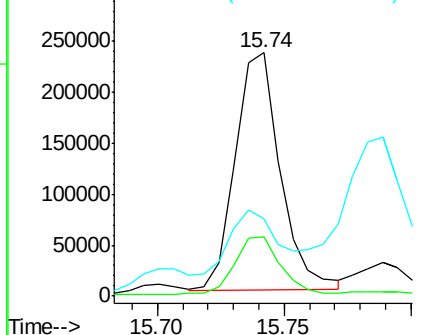


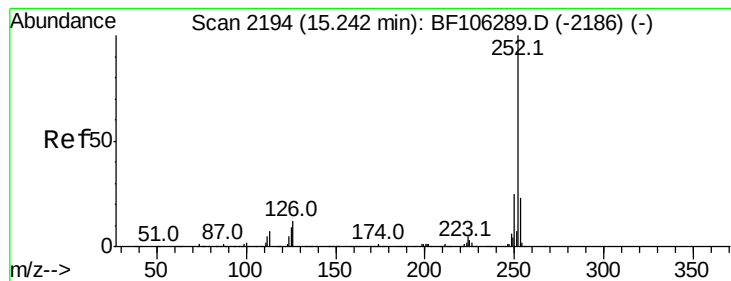
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2279
 Delta R.T. 0.05 min
 Lab File: BF106360.D
 Acq: 12 Jun 2018 22:17

Tgt Ion:264 Resp: 288111
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 32.0 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





#87

Benzo(b)fluoranthene

Concen: 395.267 ng

RT: 15.29 min Scan# 2203

Delta R.T. 0.05 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Instrument :

BNA_F

ClientSampleId :

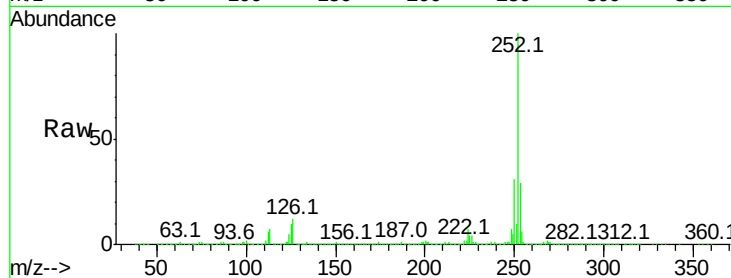
Tot Ion:252 Resp: 6883955

Ion Ratio Lower Upper

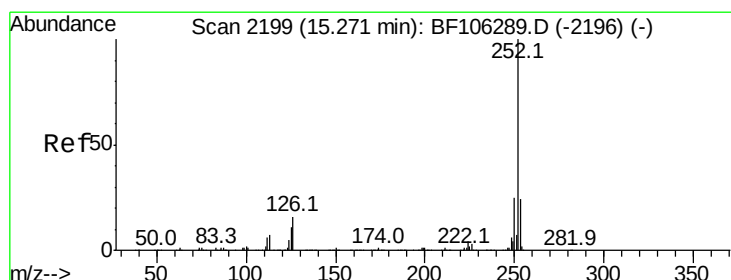
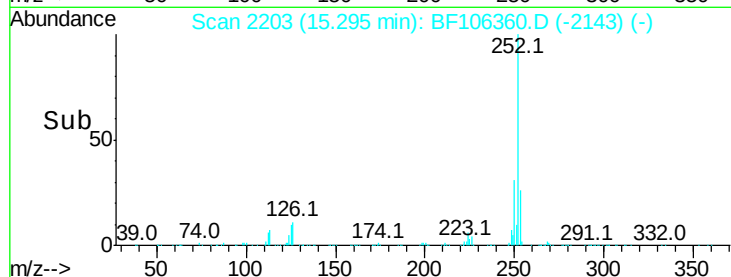
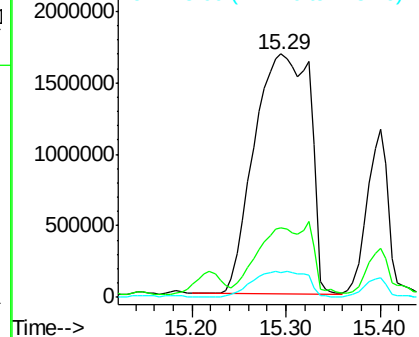
252 100

253 28.7 17.0 25.6#

125 10.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 399.109 ng

RT: 15.29 min Scan# 2203

Delta R.T. 0.02 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

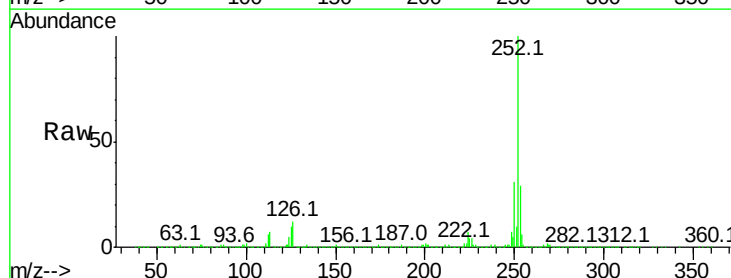
Tgt Ion:252 Resp: 6883955

Ion Ratio Lower Upper

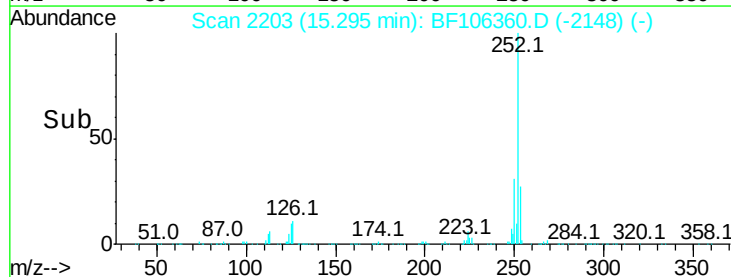
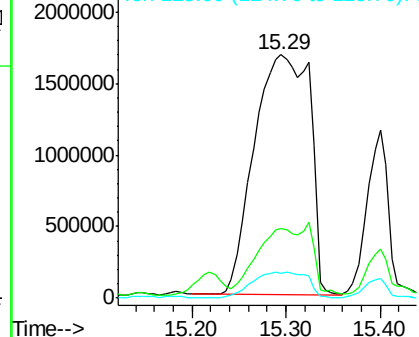
252 100

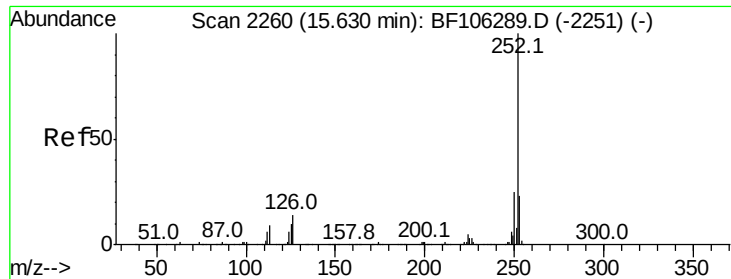
253 28.7 17.9 26.9#

125 10.4 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 264.623 ng

RT: 15.69 min Scan# 2271

Delta R.T. 0.06 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

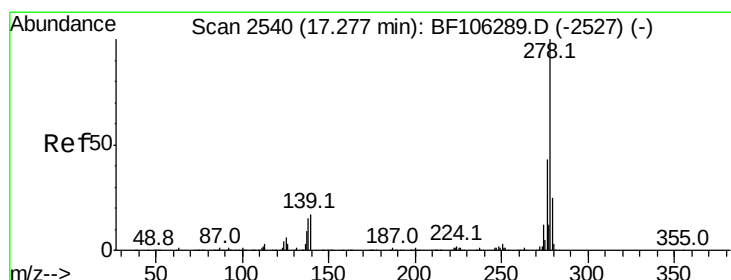
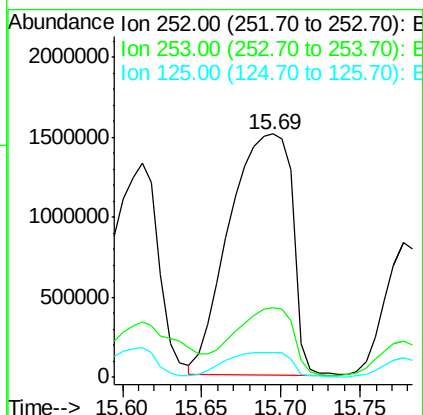
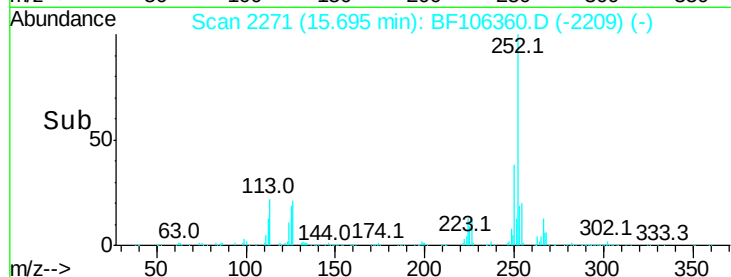
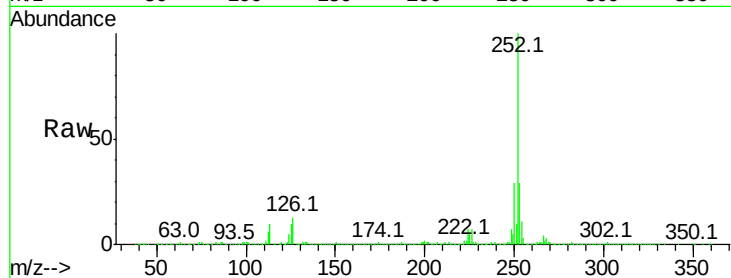
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 4145313

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.1	25.7#
125	10.1	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 57.950 ng

RT: 17.51 min Scan# 2579

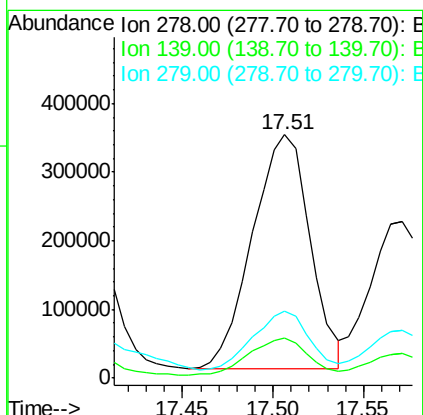
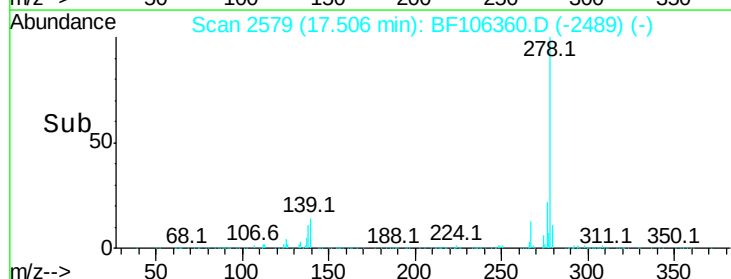
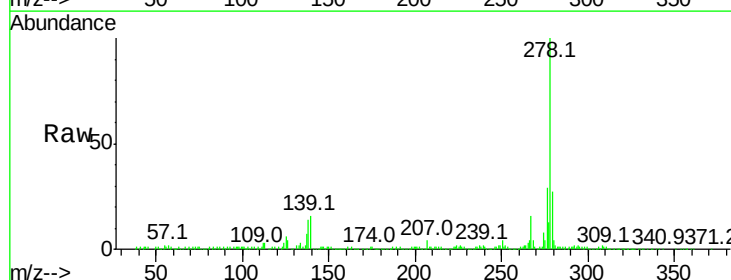
Delta R.T. 0.23 min

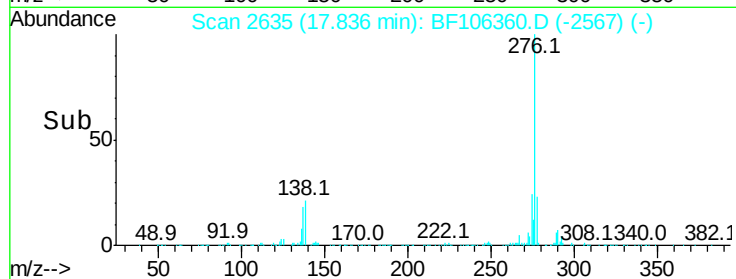
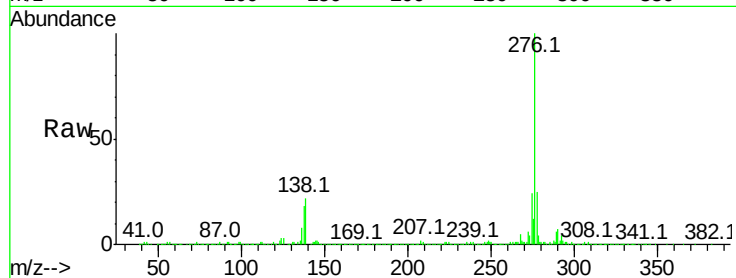
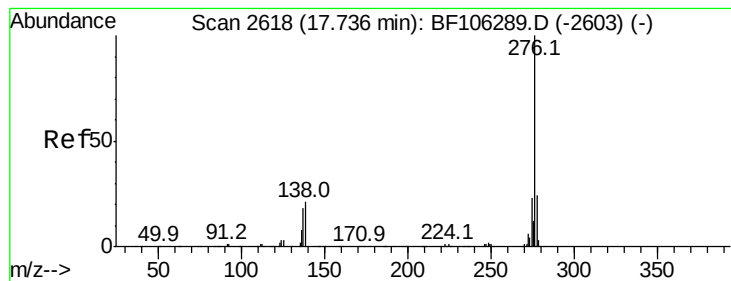
Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Tgt Ion:278 Resp: 756818

Ion	Ratio	Lower	Upper
278	100		
139	16.2	15.9	23.9
279	27.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 184.247 ng

RT: 17.84 min Scan# 2635

Delta R.T. 0.10 min

Lab File: BF106360.D

Acq: 12 Jun 2018 22:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 2338457

Ion Ratio Lower Upper

276 100

277 25.4 17.9 26.9

138 21.6 21.8 32.8#

