

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
 Data File : BF103428.D
 Acq On : 6 Mar 2018 00:01
 Operator : SJ/JU
 Sample : J1778-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 06 01:11:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 05 13:40:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122545	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	483747	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	182027	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	269898	20.00	ng	0.00
75) Chrysene-d12	14.07	240	174243	20.00	ng	0.00
86) Perylene-d12	15.58	264	134423	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	859377	106.06	ng	0.00
7) Phenol-d6	6.52	99	1018565	102.73	ng	0.00
23) Nitrobenzene-d5	7.44	82	595951	70.35	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	127428	82.70	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	777132	70.61	ng	0.00
78) Terphenyl-d14	13.00	244	552022	76.16	ng	0.00

Target Compounds

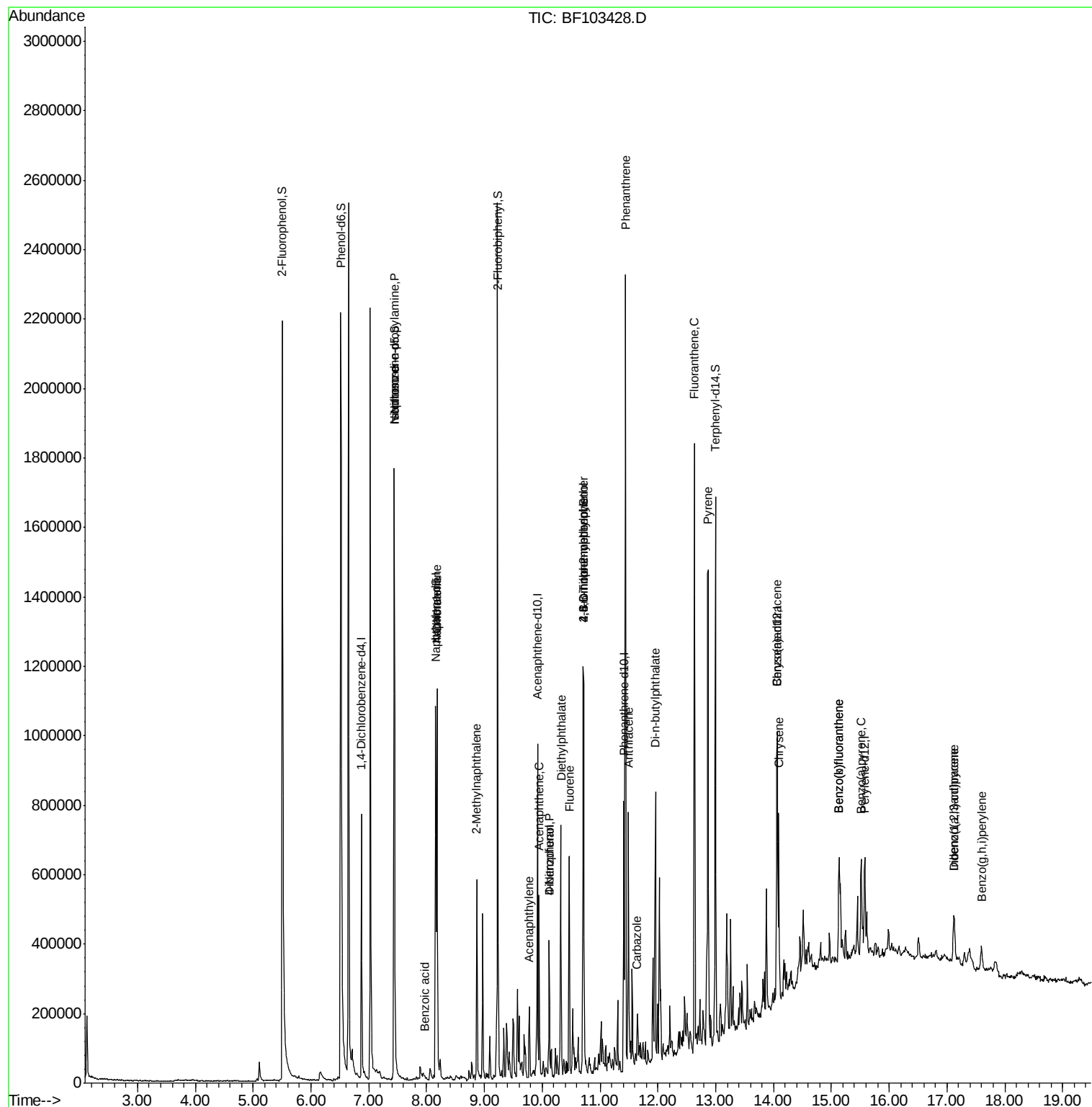
						Qvalue
9) Benzaldehyde	6.45	77	2186	Below Cal	#	77
19) n-Nitroso-di-n-propylamine	7.44	70	81184	13.157 ng	#	84
25) Isophorone	7.44	82	595951	35.722 ng	#	64
31) Naphthalene	8.18	128	540236	22.811 ng		99
32) Benzoic acid	7.97	122	2430	7.332 ng	#	71
33) 4-Chloroaniline	8.18	127	69670	6.817 ng	#	33
37) 2-Methylnaphthalene	8.87	142	162619	10.624 ng		99
48) Acenaphthylene	9.77	152	64988	3.500 ng		96
51) Acenaphthene	9.95	154	106437	9.831 ng		99
54) Dibenzofuran	10.12	168	136270	9.169 ng		99
55) 4-Nitrophenol	10.12	139	53673	22.275 ng	#	11
57) Fluorene	10.47	166	195780	15.464 ng		98
59) Diethylphthalate	10.32	149	216454	15.499 ng		98
64) 4,6-Dinitro-2-methylphenol	10.72	198	365	5.145 ng	#	1
66) 4-Bromophenyl-phenylether	10.72	248	8629	3.069 ng	#	1
70) Phenanthrene	11.44	178	828719	55.794 ng		99
71) Anthracene	11.49	178	274040	17.992 ng		98
72) Carbazole	11.65	167	58377	3.849 ng		98
73) Di-n-butylphthalate	11.96	149	351870	18.540 ng		99
74) Fluoranthene	12.63	202	703481	47.131 ng		98
77) Pyrene	12.87	202	603176	44.400 ng		99
80) Benzo(a)anthracene	14.06	228	241910	21.397 ng		98
82) Chrysene	14.09	228	199335	18.159 ng		97
85) Indeno(1,2,3-cd)pyrene	17.13	276	64693	7.444 ng		98
87) Benzo(b)fluoranthene	15.13	252	236102	26.714 ng	#	93
88) Benzo(k)fluoranthene	15.13	252	236102	28.369 ng	#	96
89) Benzo(a)pyrene	15.52	252	134969	17.101 ng	#	93
90) Dibenzo(a,h)anthracene	17.12	278	16649	2.730 ng	#	63
91) Benzo(g,h,i)perylene	17.60	276	58611	9.833 ng	#	83

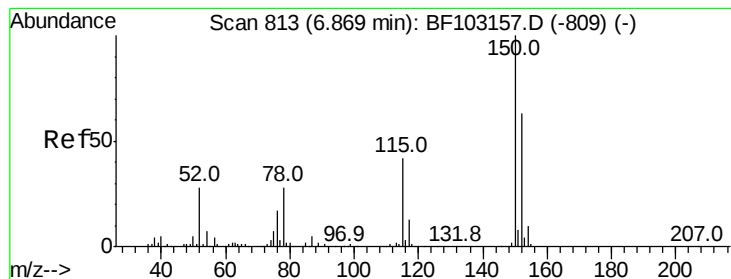
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
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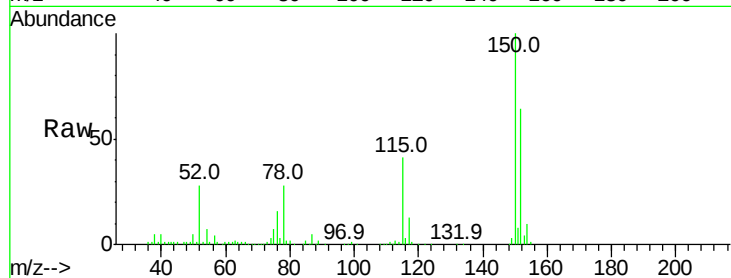


#1

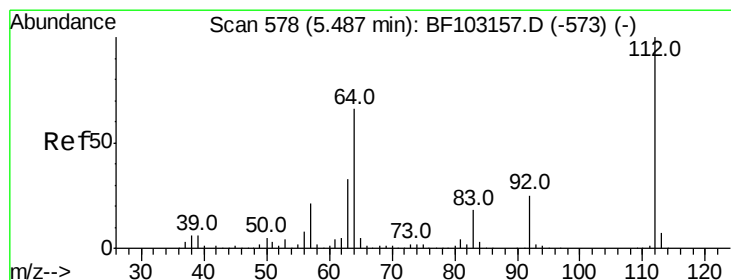
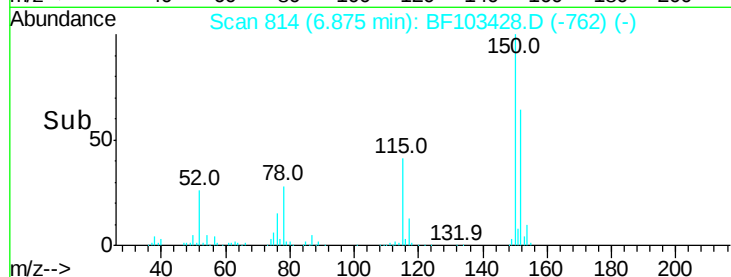
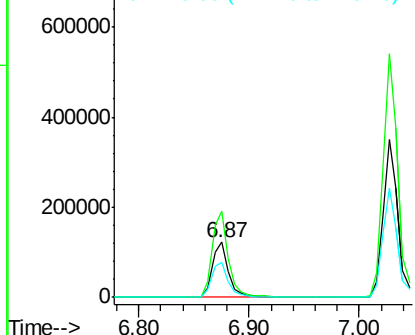
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122545
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 63.6 50.1 75.1



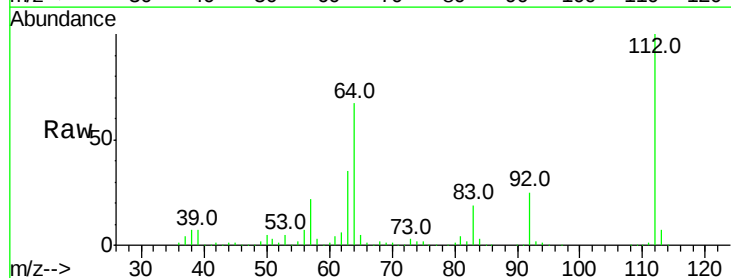
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



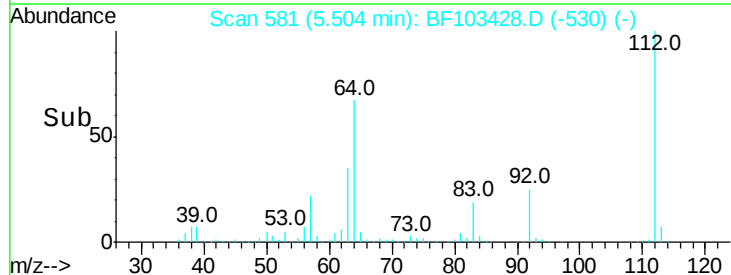
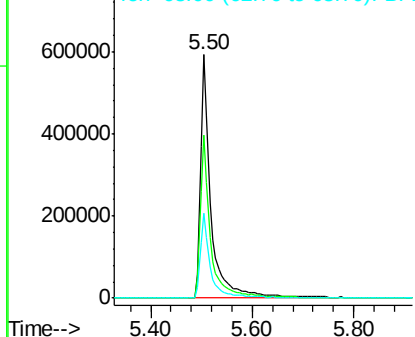
#5

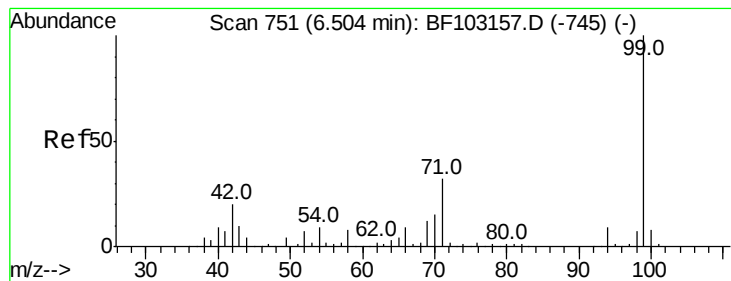
2-Fluorophenol
Concen: 106.063 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:112 Resp: 859377
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 34.6 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: 102.733 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampled :

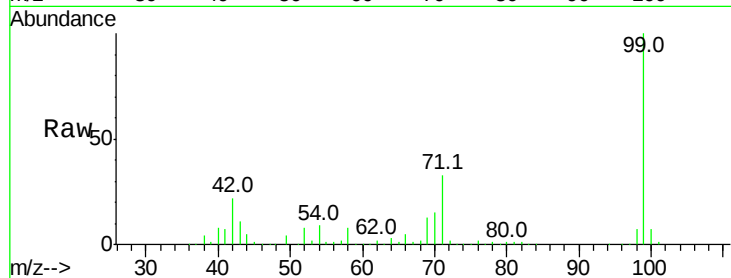
Tot Ion: 99 Resp: 1018565

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

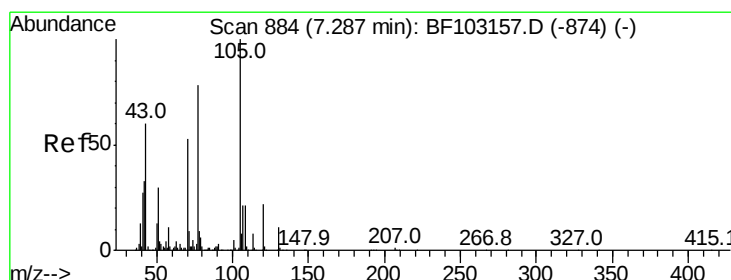
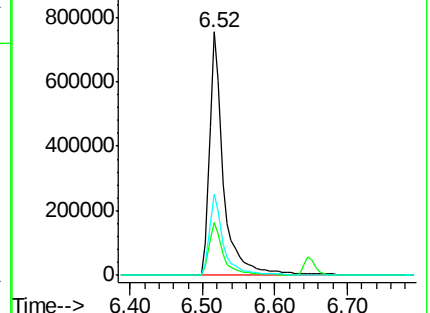
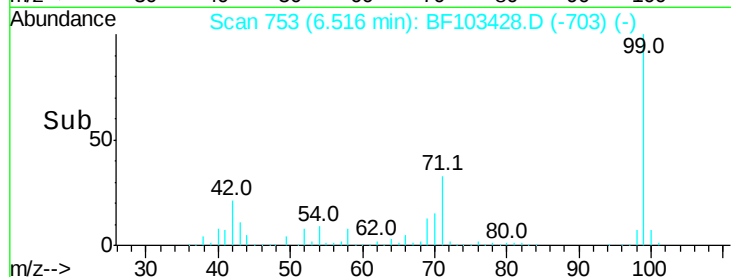
71 33.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.157 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.16 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Tgt Ion: 70 Resp: 81184

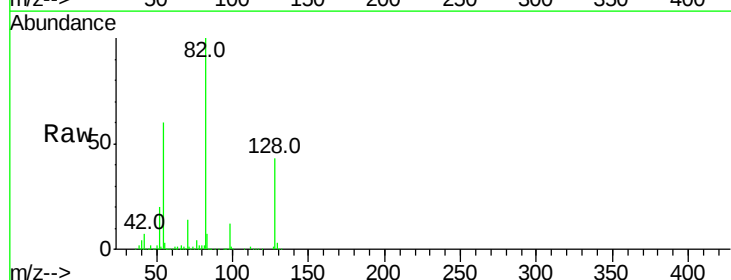
Ion Ratio Lower Upper

70 100

42 54.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

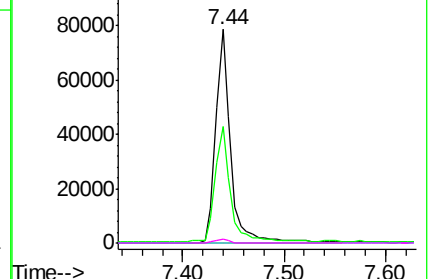
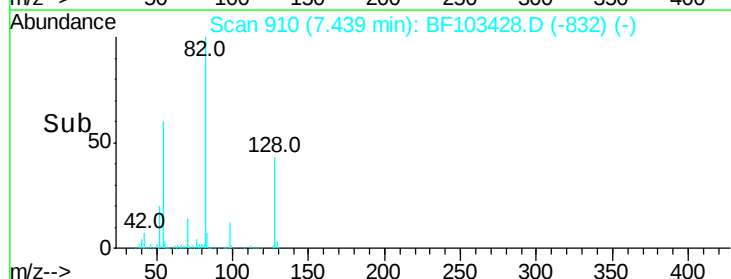


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

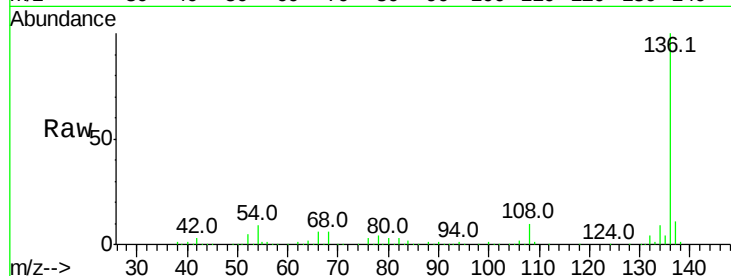




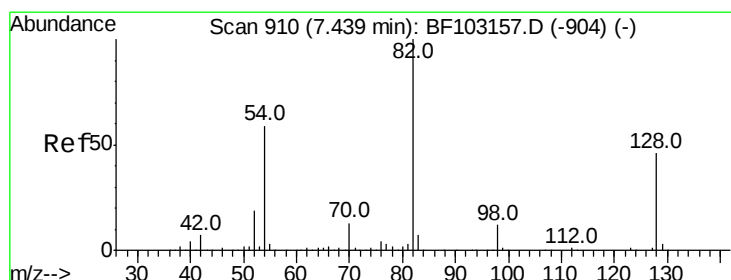
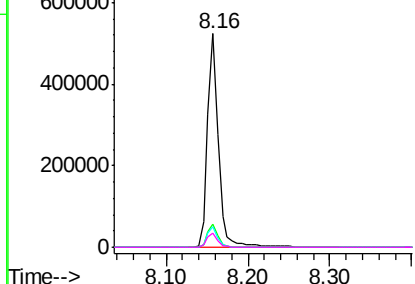
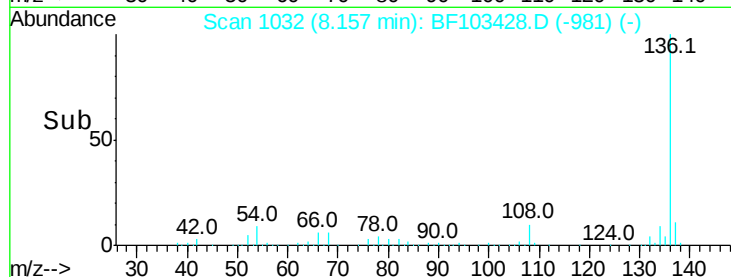
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	483747
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	6.6	9.8
68	6.4	5.0	7.4

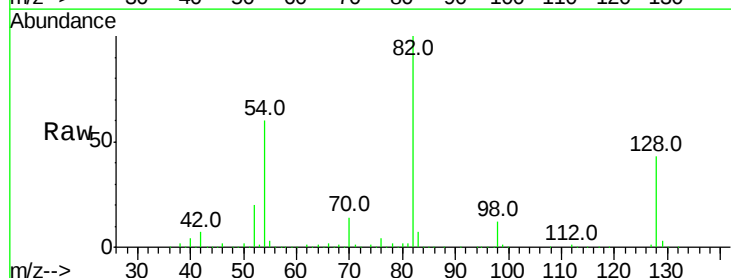


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

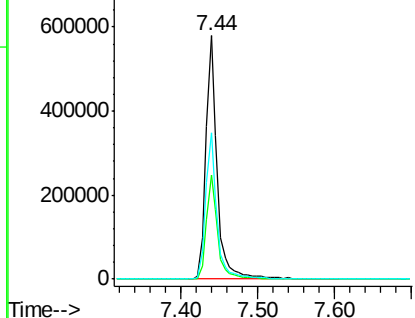
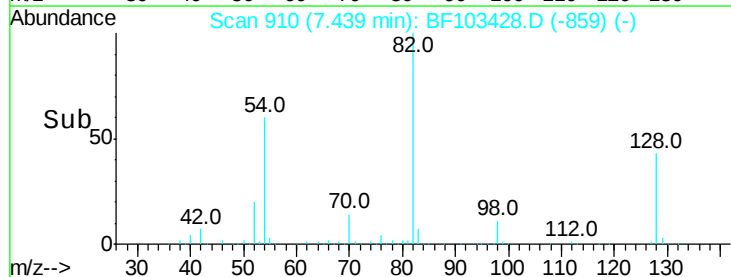


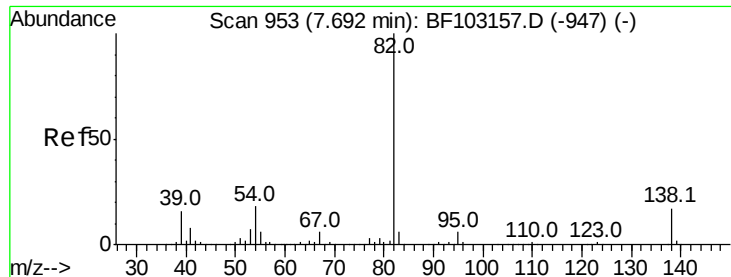
#23
Nitrobenzene-d5
Concen: 70.355 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:	82	Resp:	595951
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	60.1	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





#25

Isophorone

Concen: 35.722 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.25 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampleId :

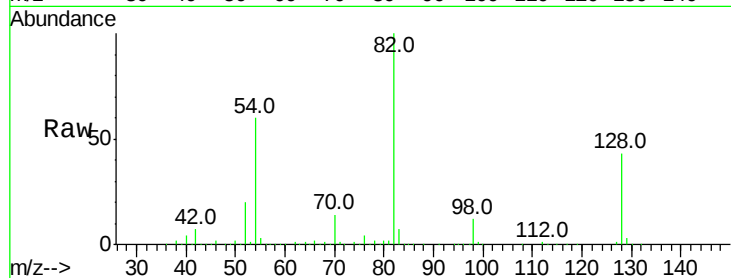
Tot Ion: 82 Resp: 595951

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

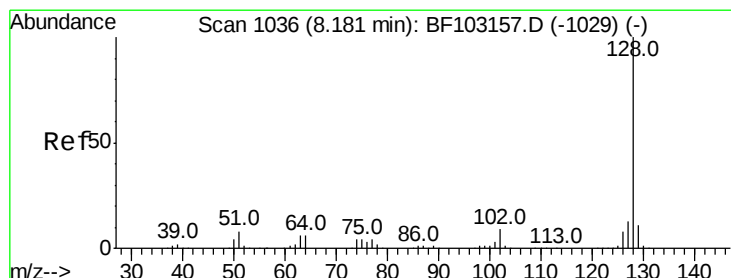
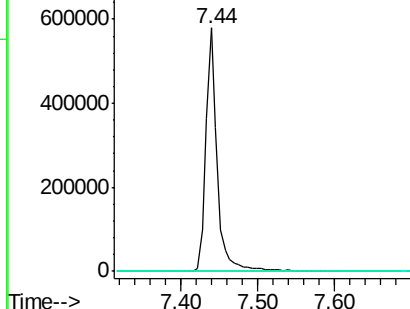
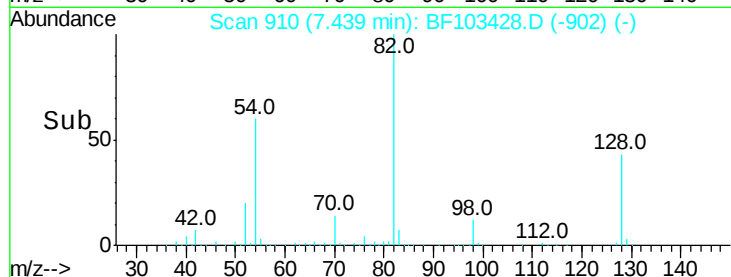
138 0.0 14.9 22.3#



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: 22.811 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

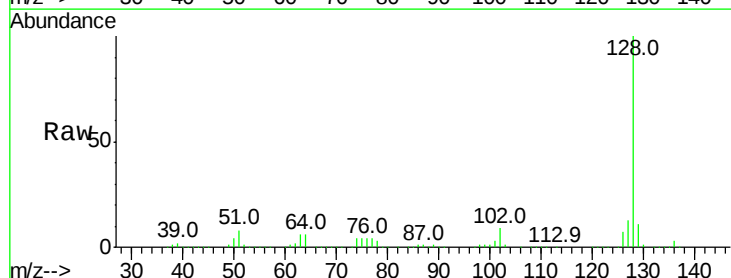
Tgt Ion:128 Resp: 540236

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

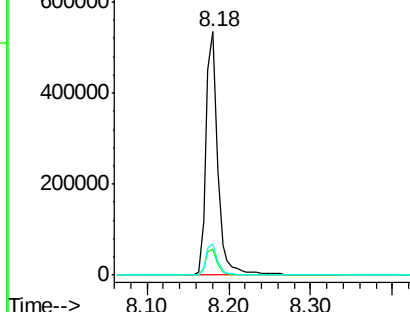
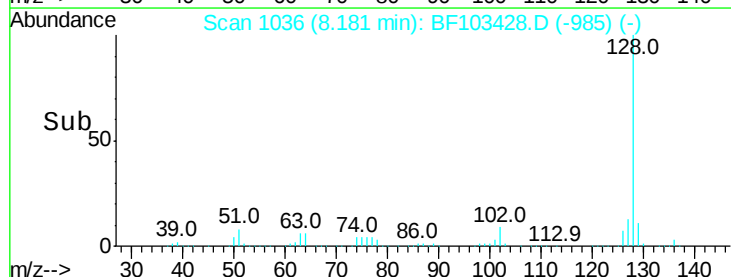
127 12.9 10.9 16.3

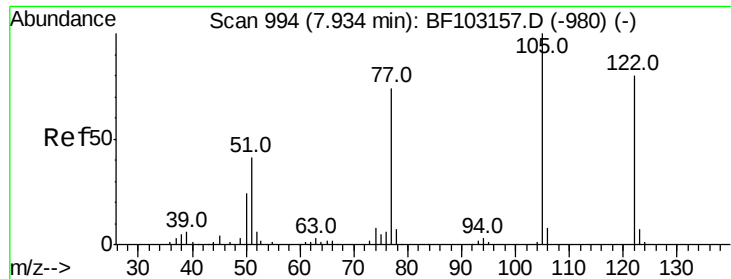


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

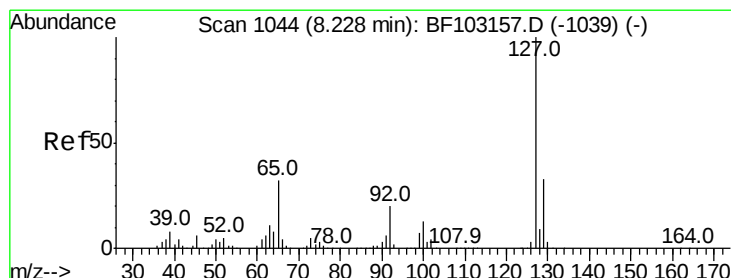
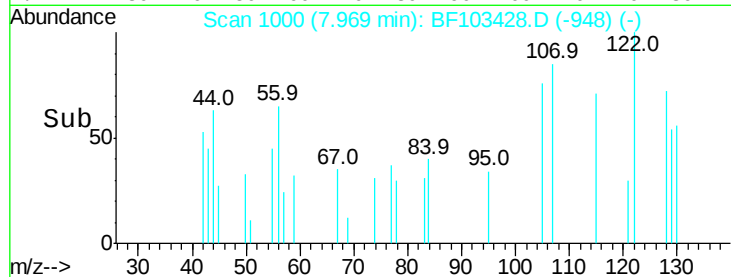
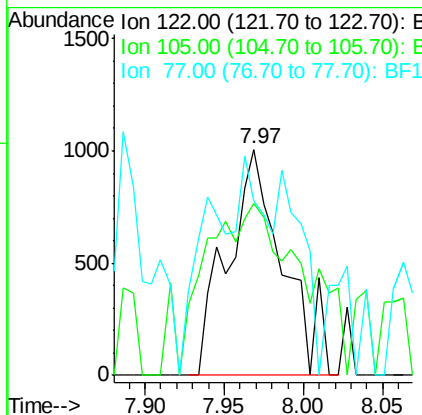
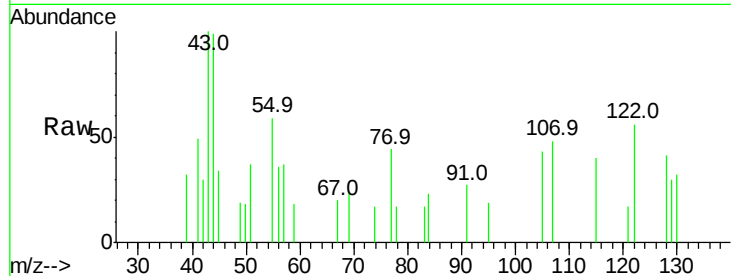




#32
Benzoic acid
Concen: 7.332 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

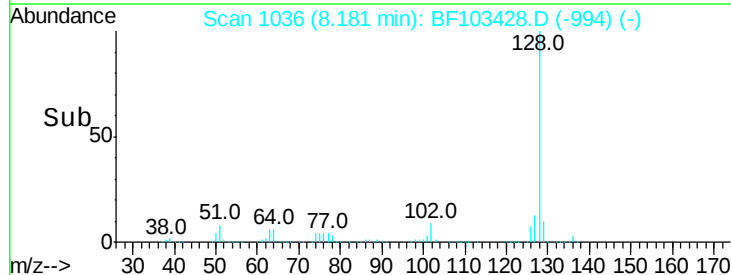
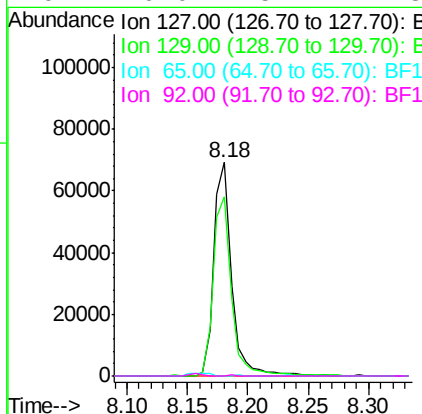
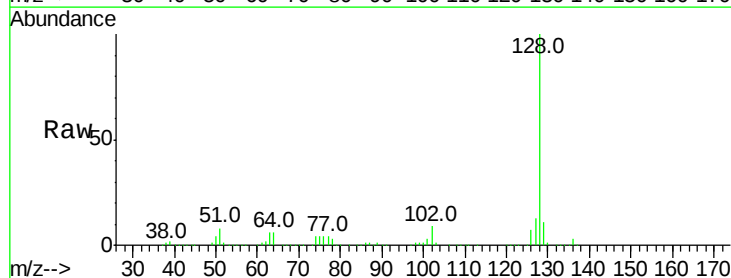
Instrument :
BNA_F
ClientSampled :

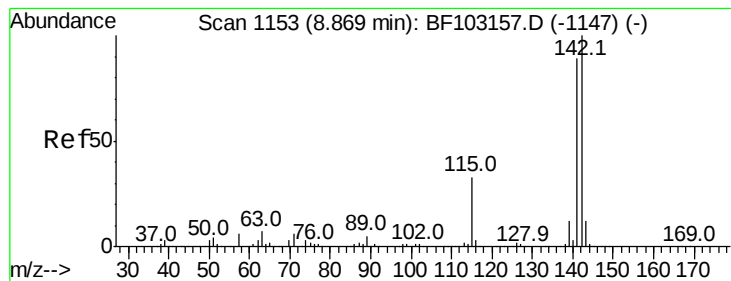
Tot Ion:122 Resp: 2430
Ion Ratio Lower Upper
122 100
105 76.1 101.1 141.1#
77 77.3 70.7 110.7



#33
4-Chloroaniline
Concen: 6.817 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:127 Resp: 69670
Ion Ratio Lower Upper
127 100
129 83.7 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

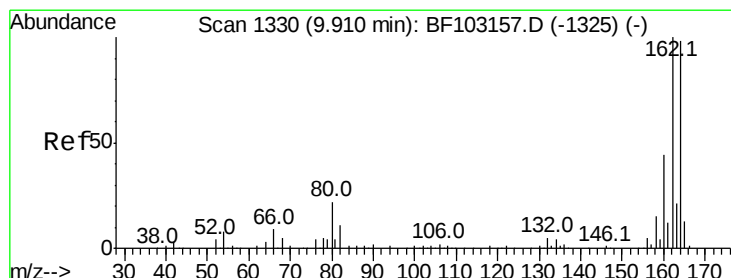
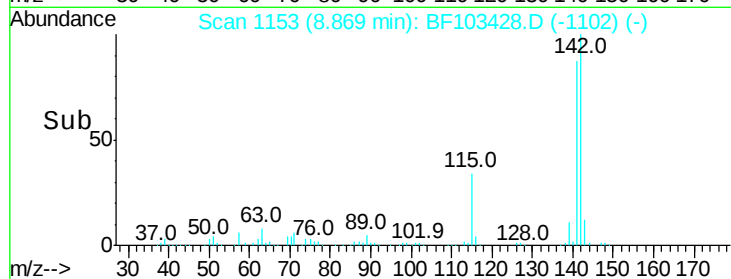
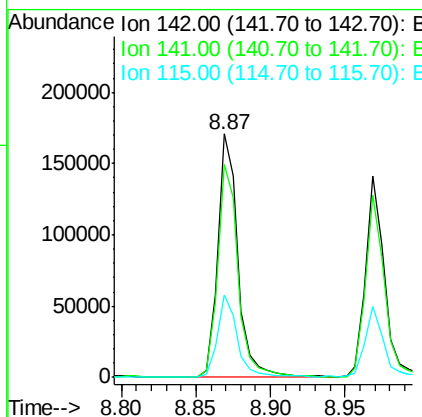
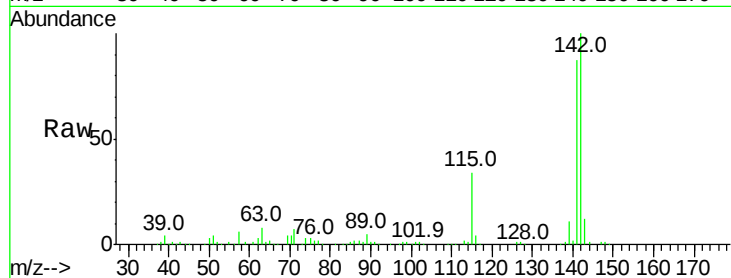




#37
2-Methylnaphthalene
Concen: 10.624 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

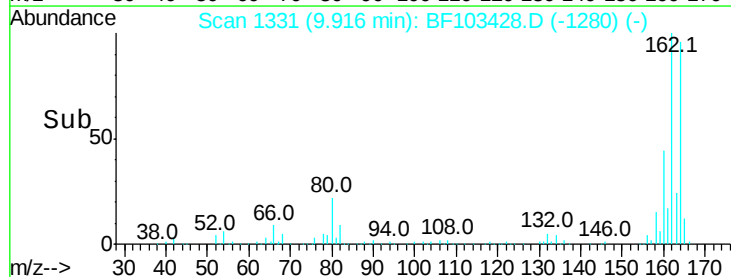
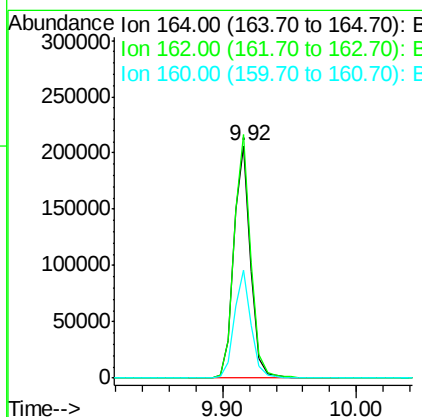
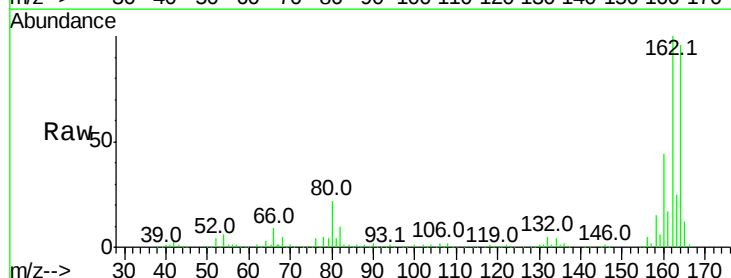
Instrument :
BNA_F
ClientSampleId :

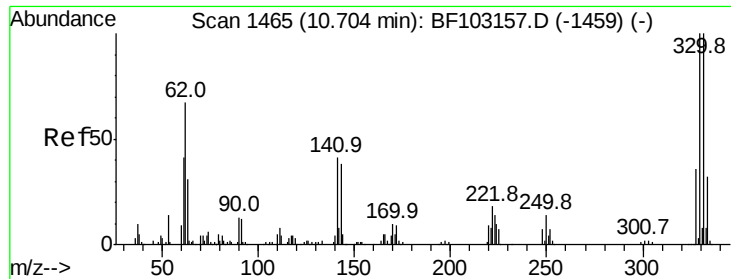
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	70.8	106.2
115	33.6	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.4	38.3	57.5

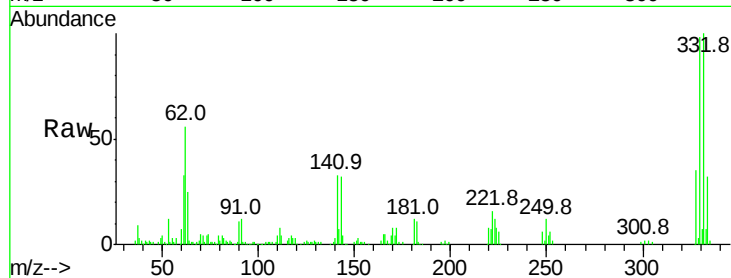




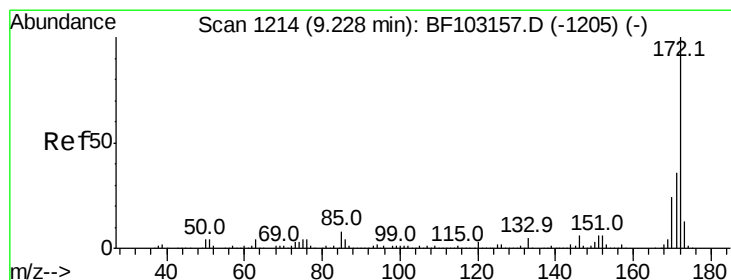
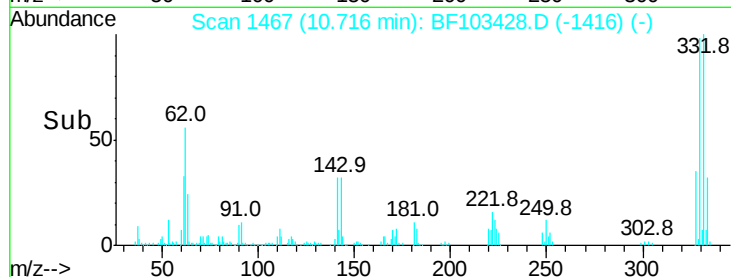
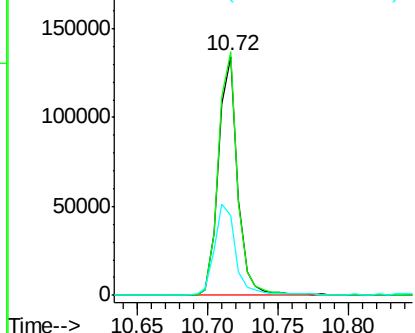
#41
 2,4,6-Tribromophenol
 Concen: 82.705 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF103428.D
 Acq: 6 Mar 2018 00:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 127428
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 43.5 29.9 44.9

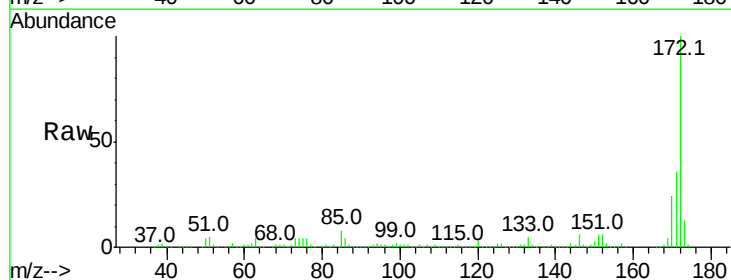


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

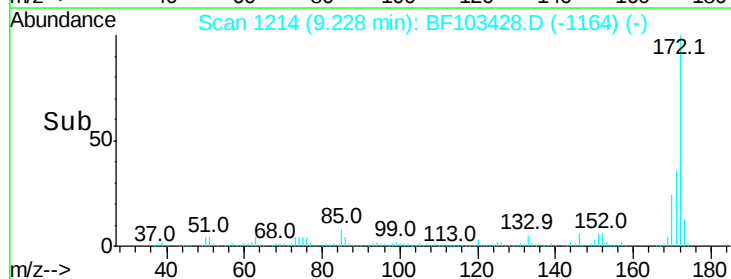
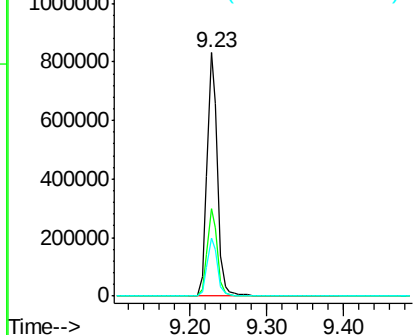


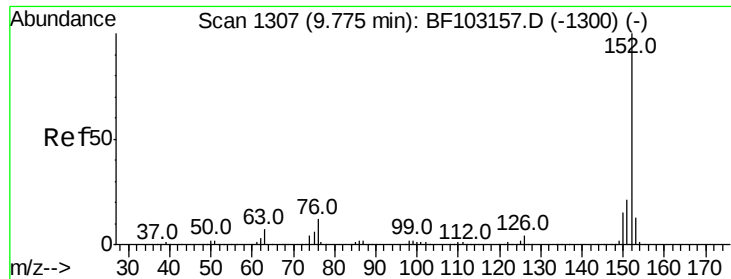
#44
 2-Fluorobiphenyl
 Concen: 70.609 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103428.D
 Acq: 6 Mar 2018 00:01

Tgt Ion:172 Resp: 777132
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.0 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





#48

Acenaphthylene

Concen: 3.500 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampleId :

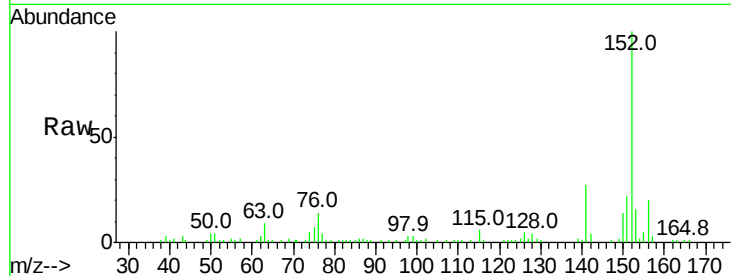
Tot Ion:152 Resp: 64988

Ion Ratio Lower Upper

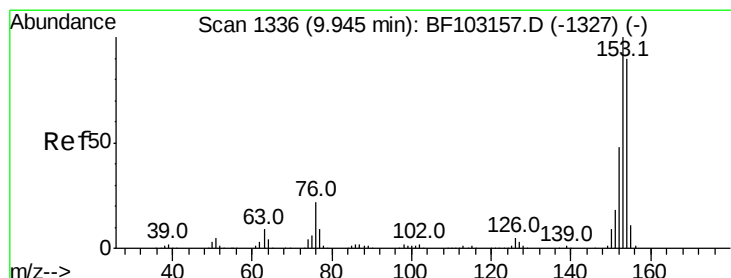
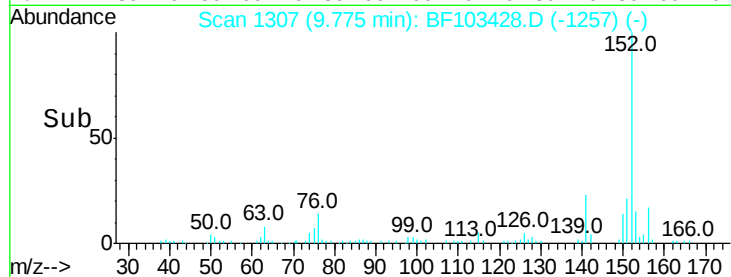
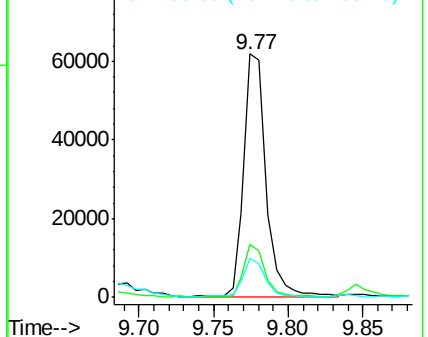
152 100

151 21.9 16.3 24.5

153 15.7 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: 9.831 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

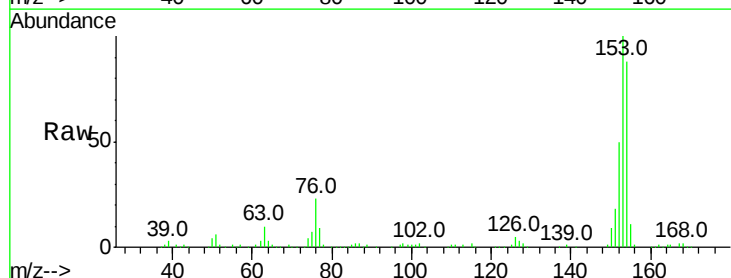
Tgt Ion:154 Resp: 106437

Ion Ratio Lower Upper

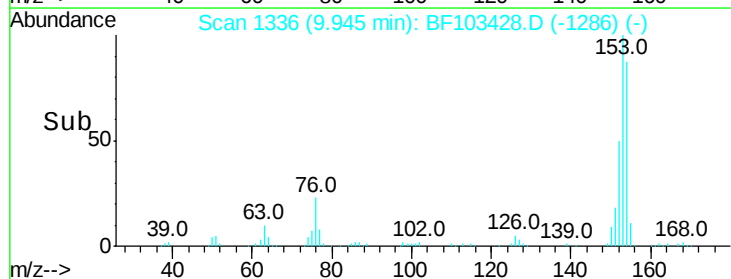
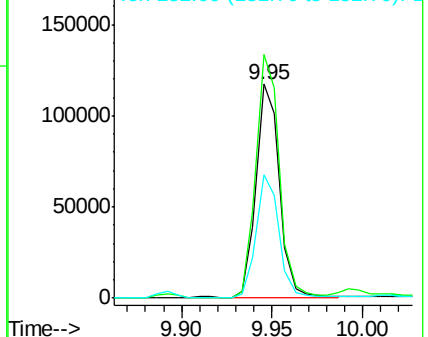
154 100

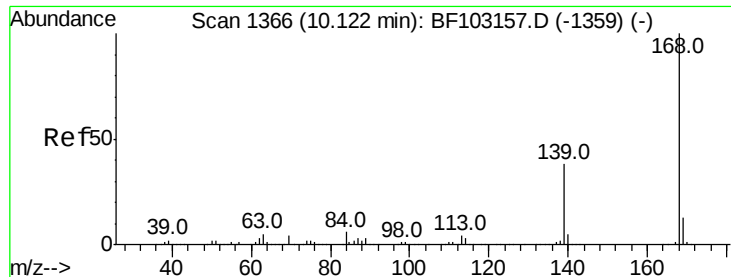
153 113.8 91.2 136.8

152 57.4 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





#54

Dibenzenofuran

Concen: 9.169 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampleId :

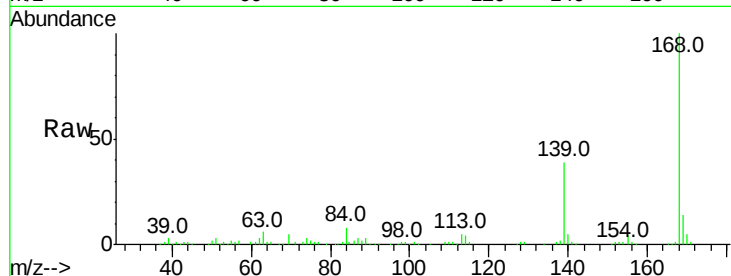
Tot Ion:168 Resp: 136270

Ion Ratio Lower Upper

168 100

139 38.6 30.1 45.1

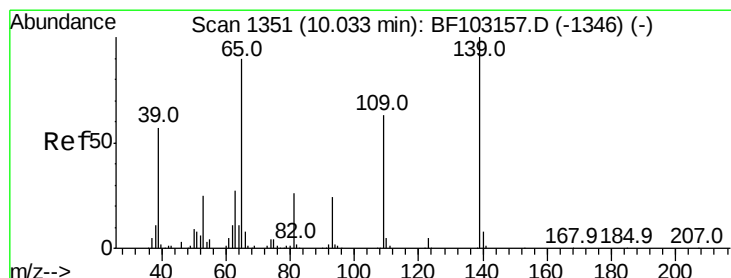
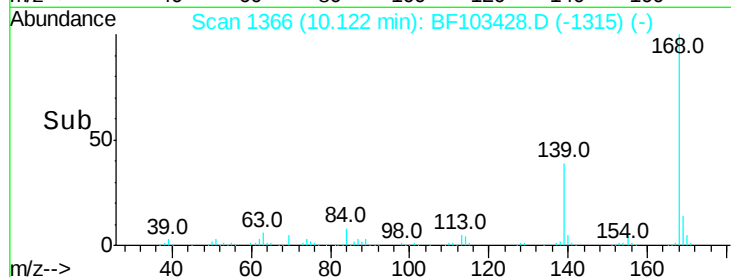
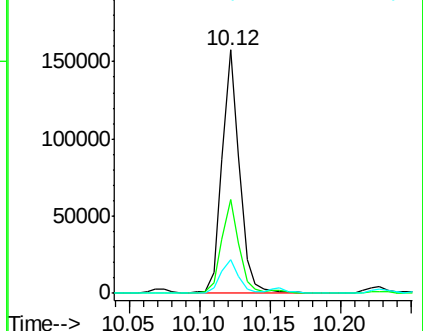
169 13.9 10.9 16.3



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: 22.275 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.05 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

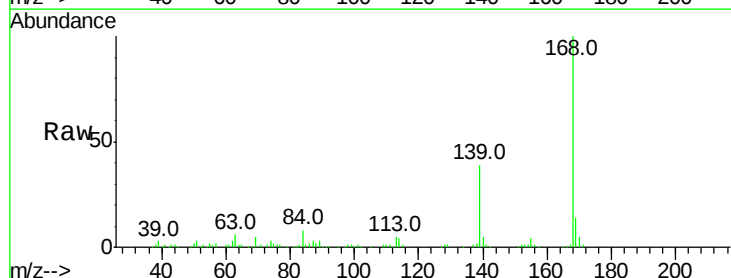
Tgt Ion:139 Resp: 53673

Ion Ratio Lower Upper

139 100

109 1.5 48.4 88.4#

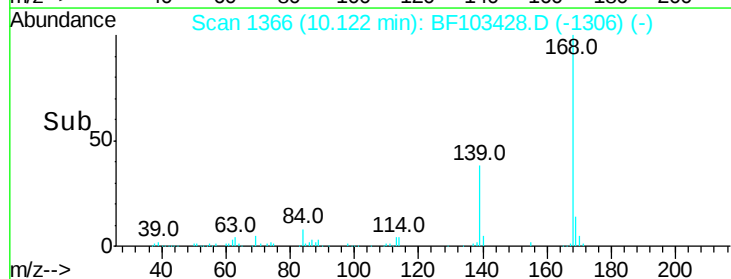
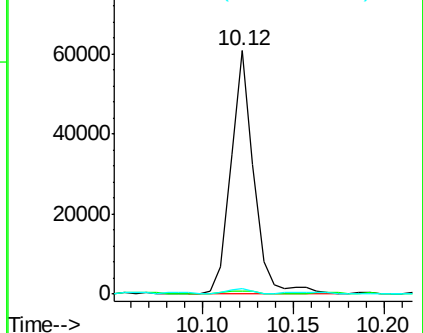
65 2.1 72.6 112.6#

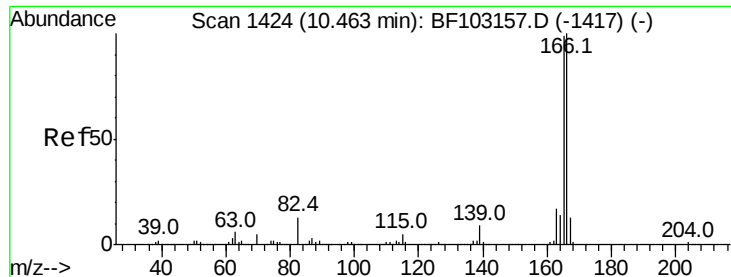


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

Fluorene

Concen: 15.464 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampled :

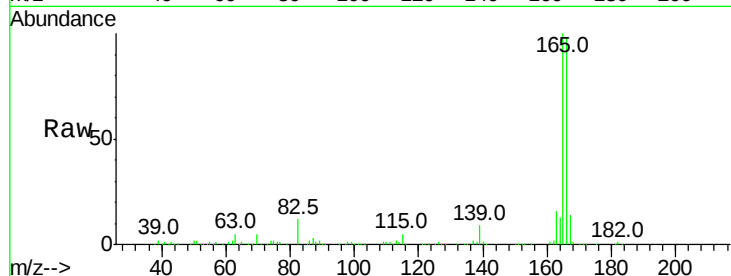
Tot Ion:166 Resp: 195780

Ion Ratio Lower Upper

166 100

165 101.6 79.8 119.8

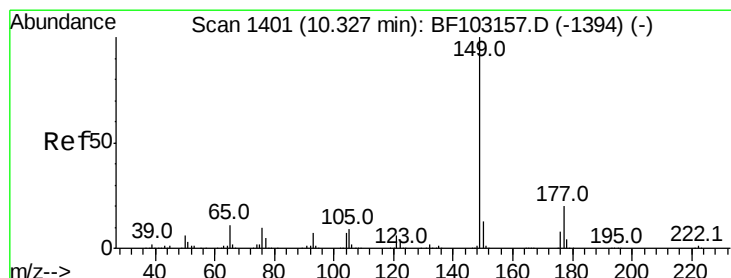
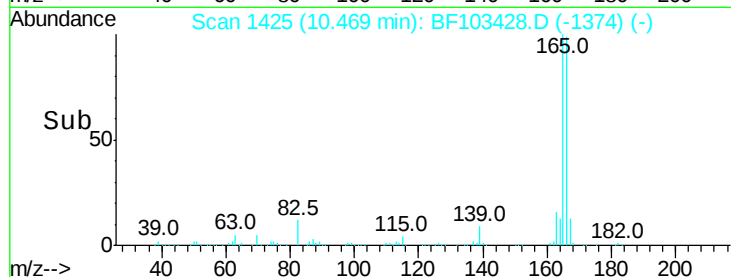
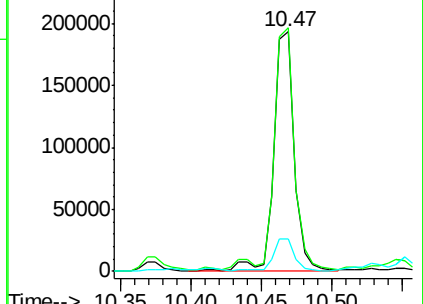
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

Diethylphthalate

Concen: 15.499 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

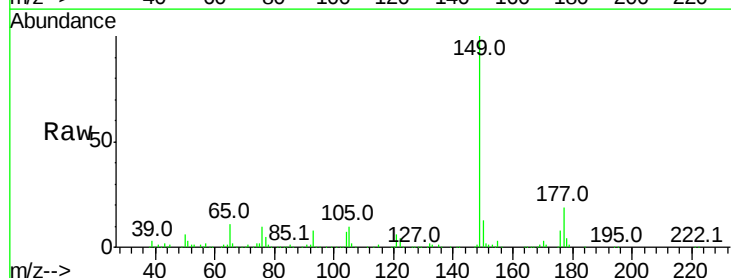
Tgt Ion:149 Resp: 216454

Ion Ratio Lower Upper

149 100

177 19.4 16.1 24.1

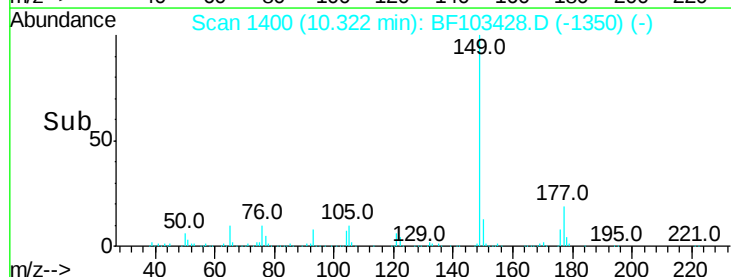
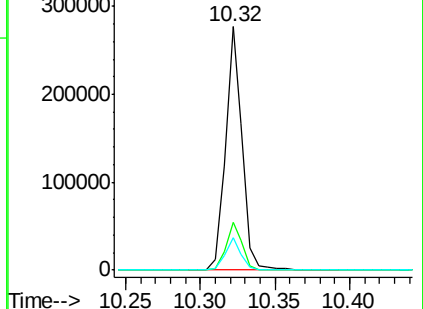
150 13.2 10.1 15.1

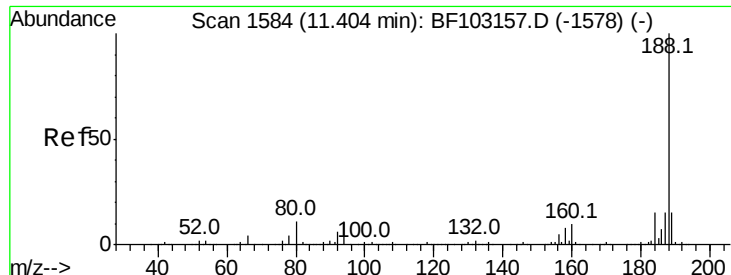


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampleId :

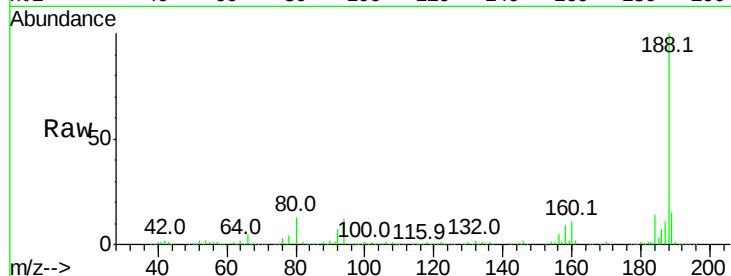
Tot Ion:188 Resp: 269898

Ion Ratio Lower Upper

188 100

94 11.7 8.5 12.7

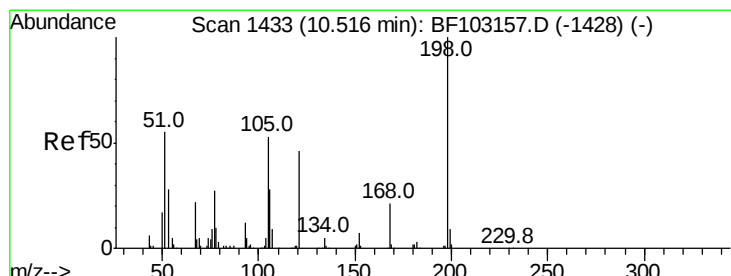
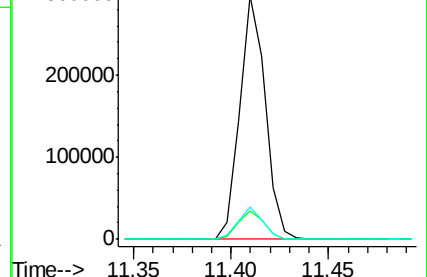
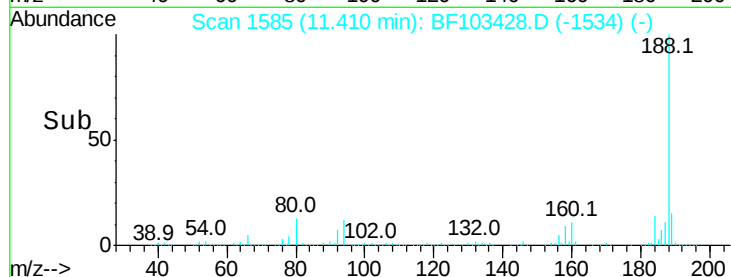
80 13.3 9.2 13.8



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: 5.145 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.18 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

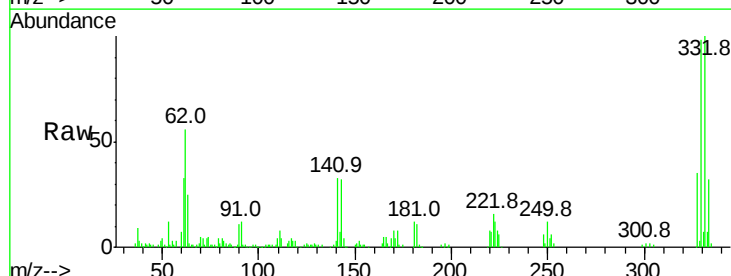
Tgt Ion:198 Resp: 365

Ion Ratio Lower Upper

198 100

51 456.2 37.7 77.7#

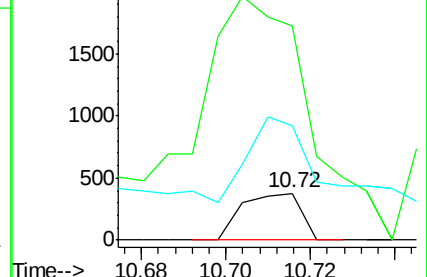
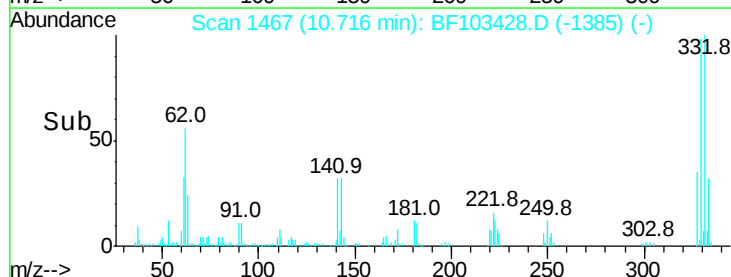
105 243.2 36.3 76.3#

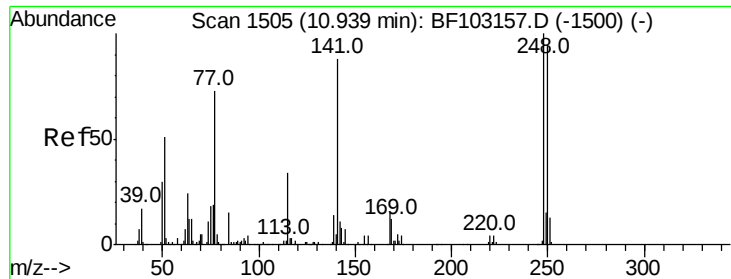


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

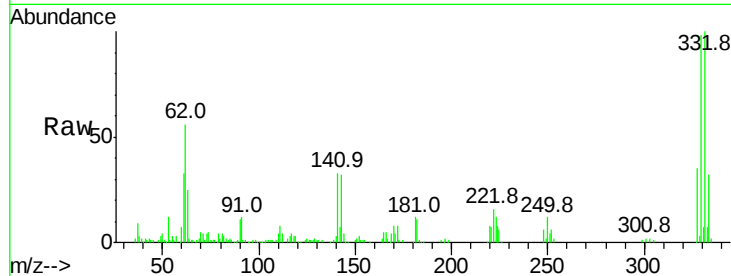




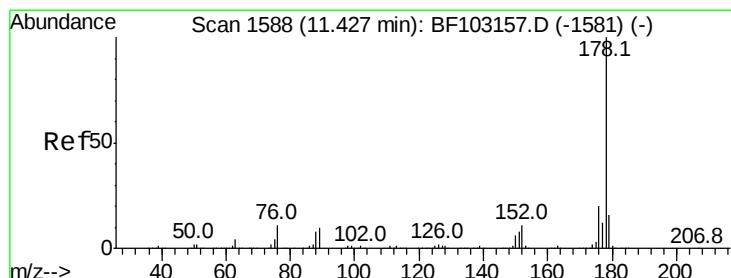
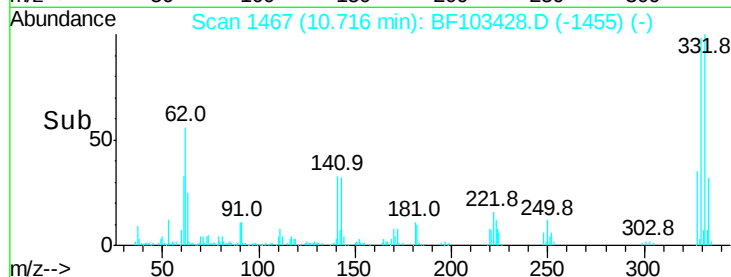
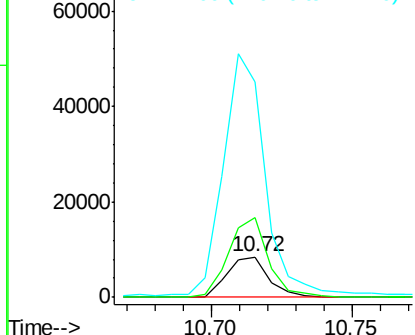
#66
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.23 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8629
Ion Ratio Lower Upper
248 100
250 198.0 76.9 115.3#
141 533.1 74.4 111.6#

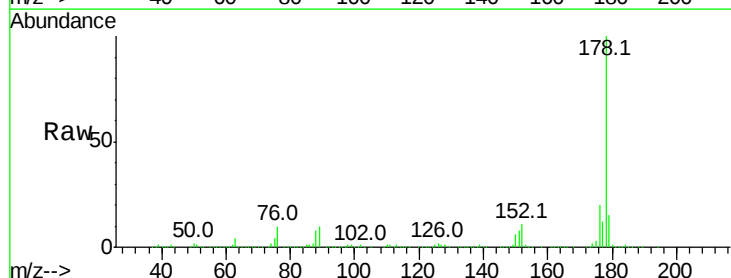


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

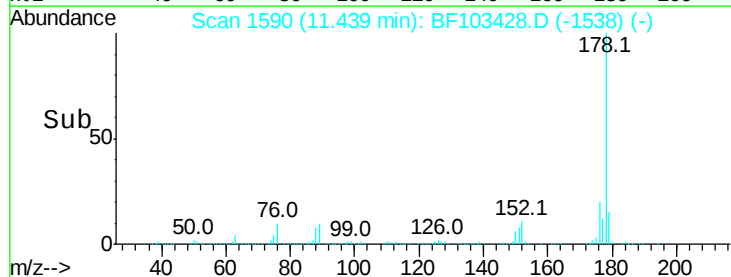
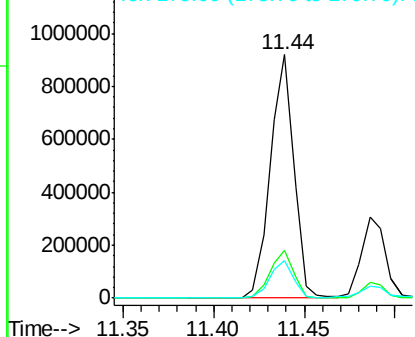


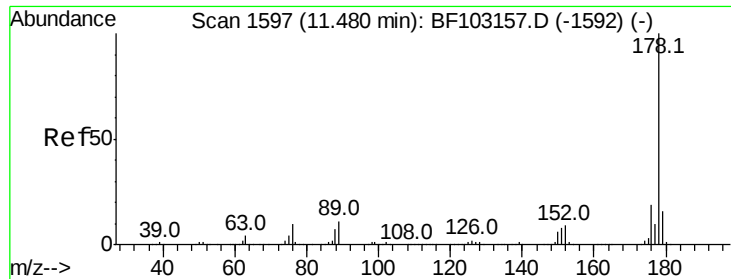
#70
Phenanthrene
Concen: 55.794 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion:178 Resp: 828719
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.5 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

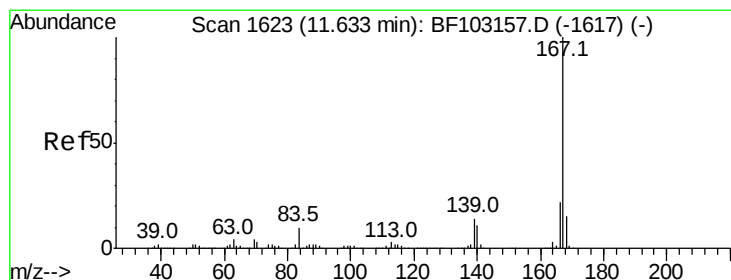
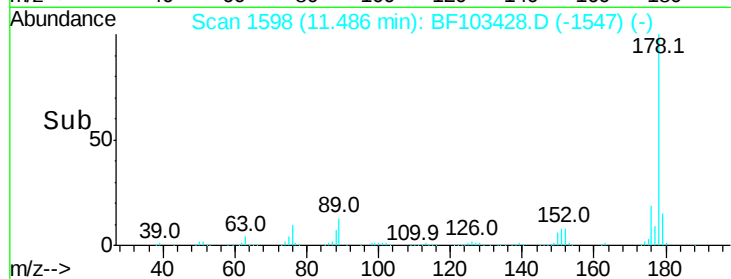
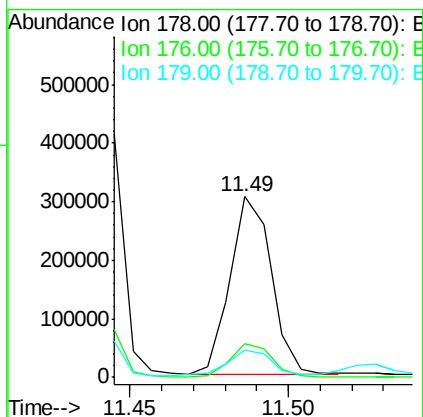
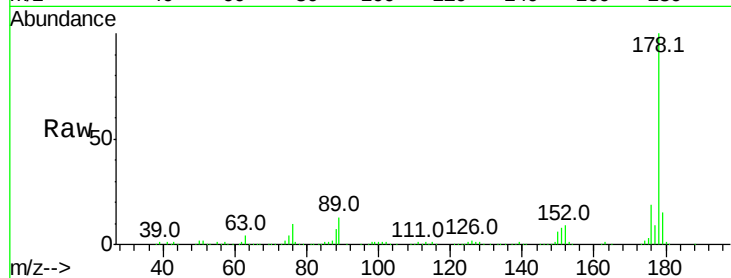




#71
 Anthracene
 Concen: 17.992 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF103428.D
 Acq: 6 Mar 2018 00:01

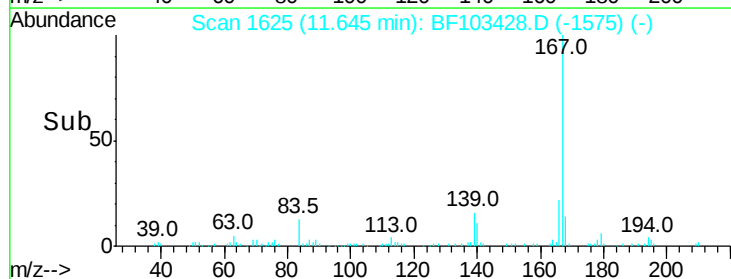
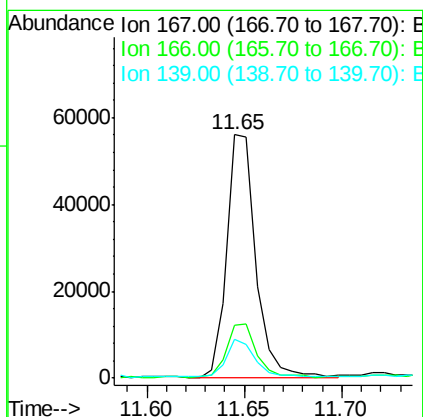
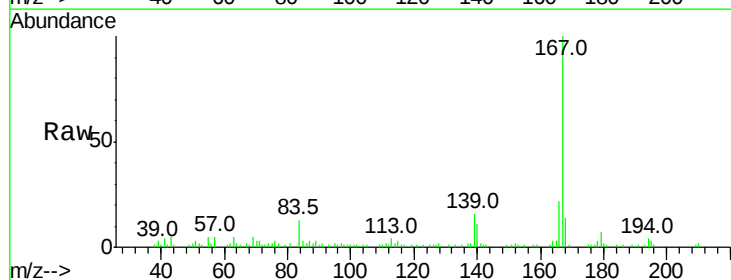
Instrument :
 BNA_F
 ClientSampleId :

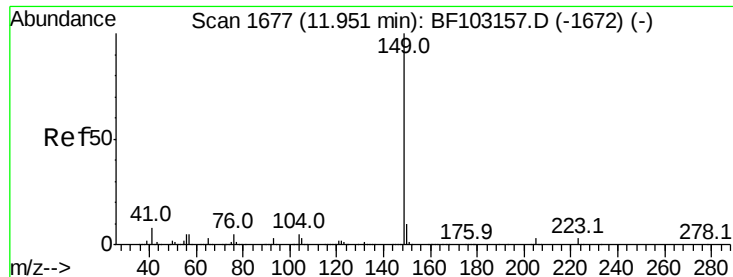
Tot Ion:178 Resp: 274040
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 3.849 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF103428.D
 Acq: 6 Mar 2018 00:01

Tgt Ion:167 Resp: 58377
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 16.0 10.9 16.3





#73

Di-n-butylphthalate

Concen: 18.540 ng

RT: 11.96 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampleId :

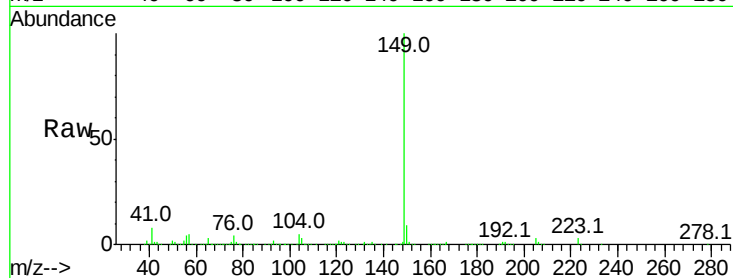
Tot Ion:149 Resp: 351870

Ion Ratio Lower Upper

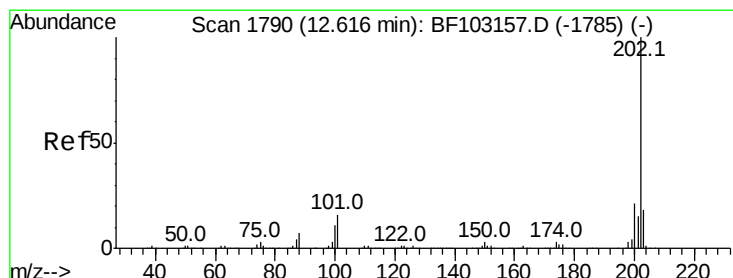
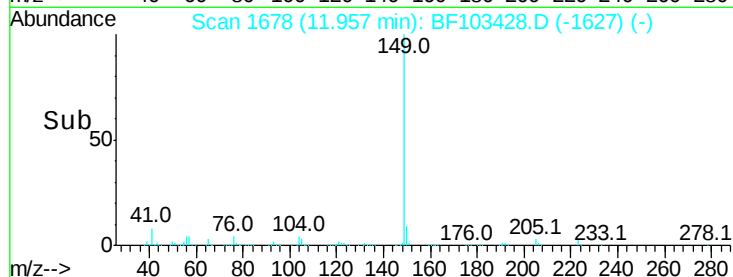
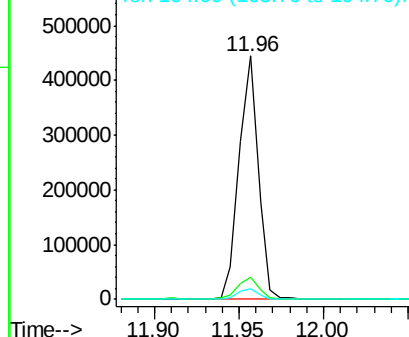
149 100

150 9.0 7.8 11.6

104 4.5 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.131 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

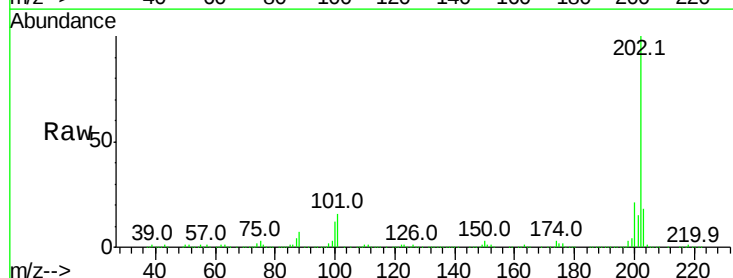
Tgt Ion:202 Resp: 703481

Ion Ratio Lower Upper

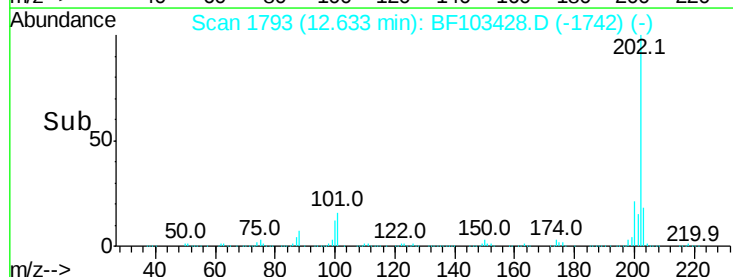
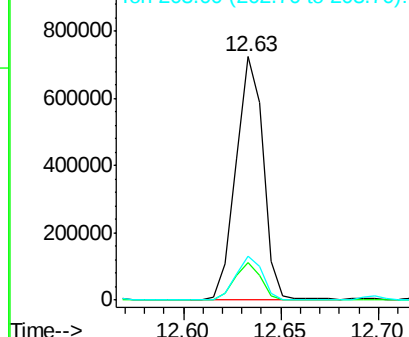
202 100

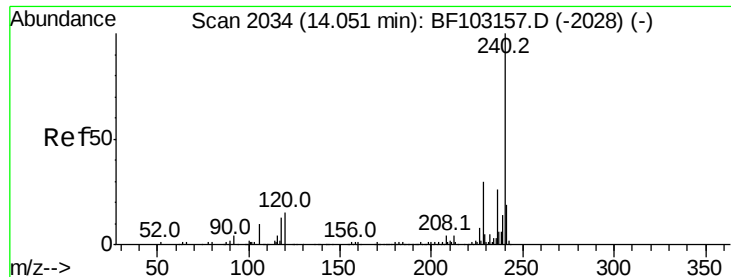
101 15.5 0.0 34.1

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampleId :

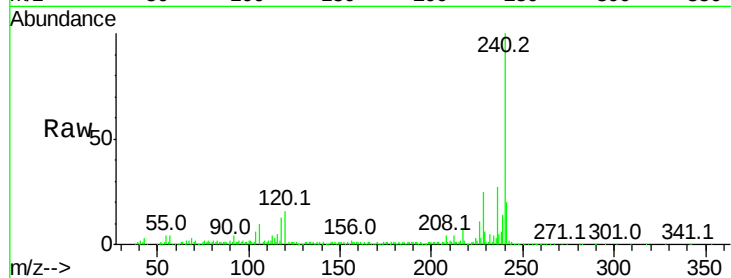
Tot Ion:240 Resp: 174243

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

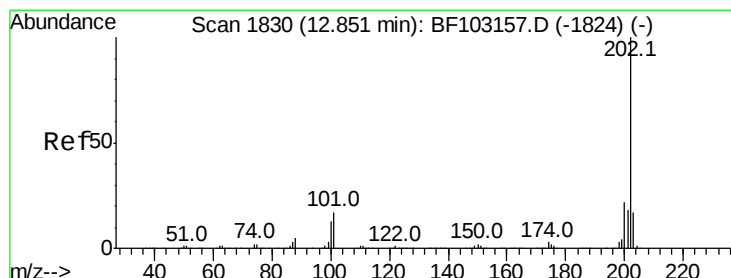
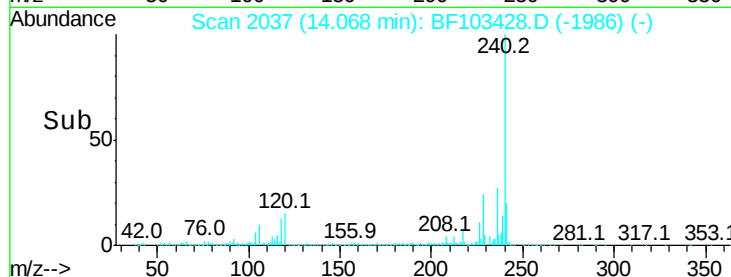
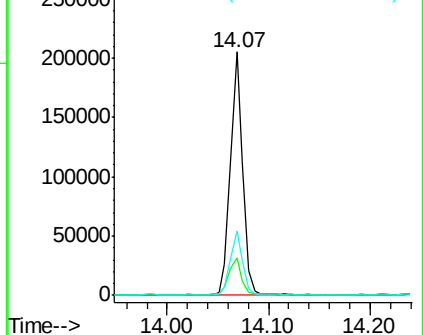
236 26.7 20.7 31.1



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: 44.400 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

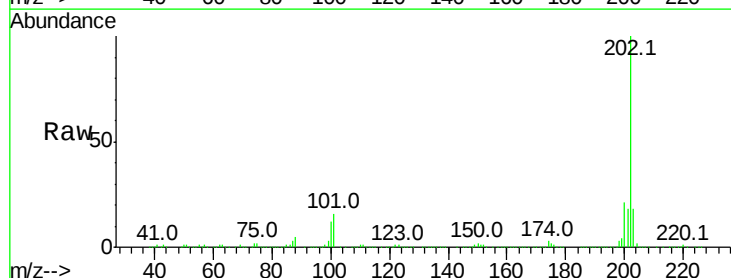
Tgt Ion:202 Resp: 603176

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

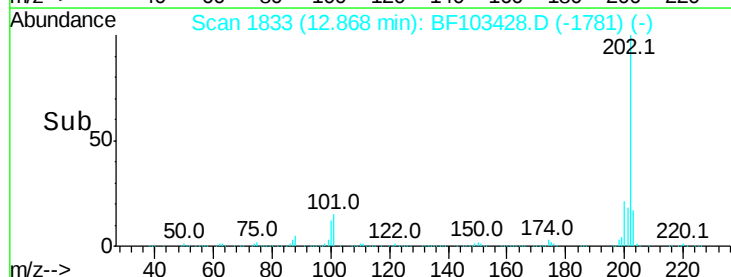
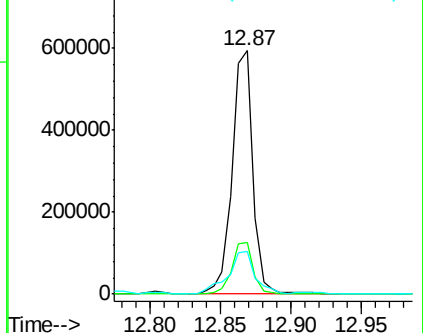
203 17.5 14.3 21.5

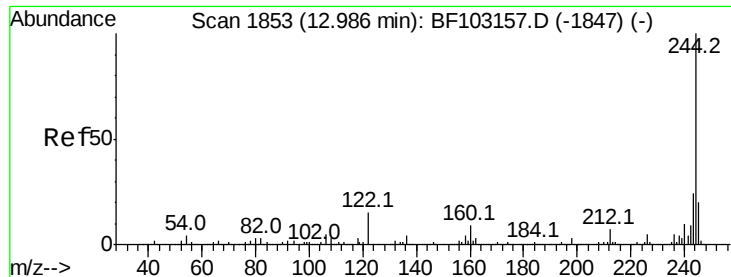


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

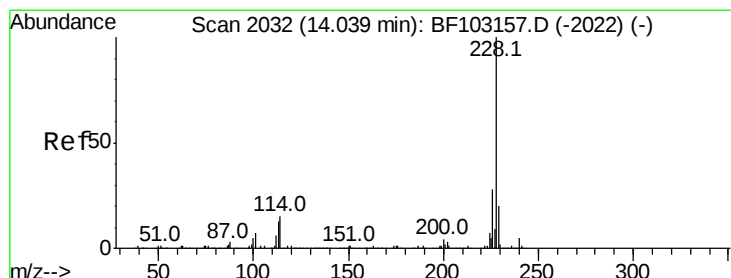
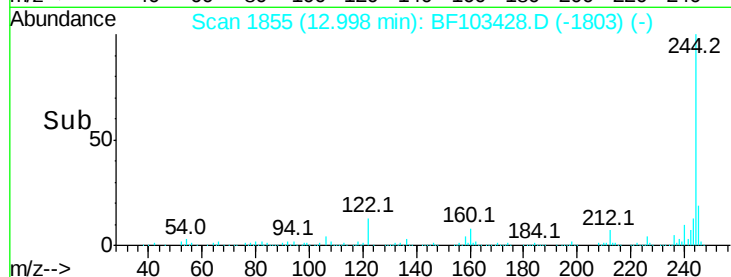
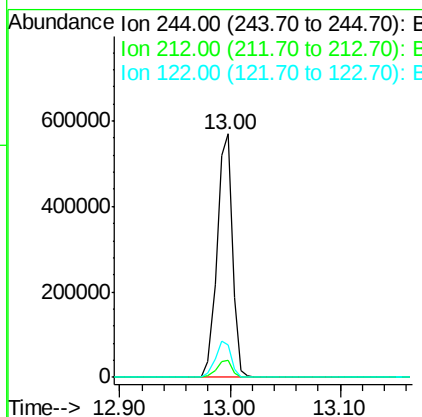
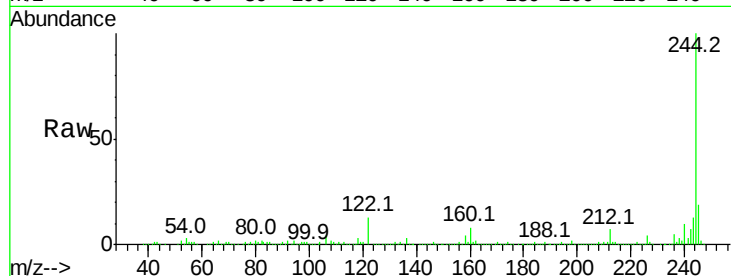




#78
 Terphenyl-d14
 Concen: 76.157 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BF103428.D
 Acq: 6 Mar 2018 00:01

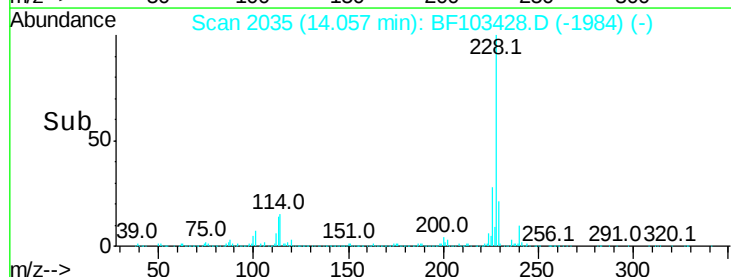
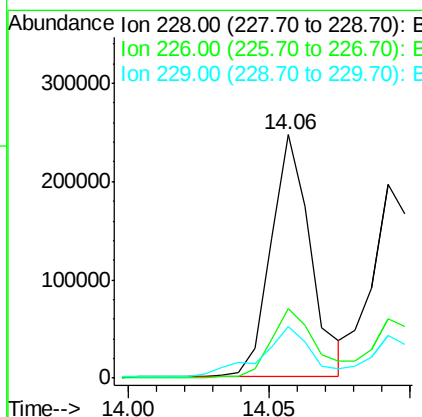
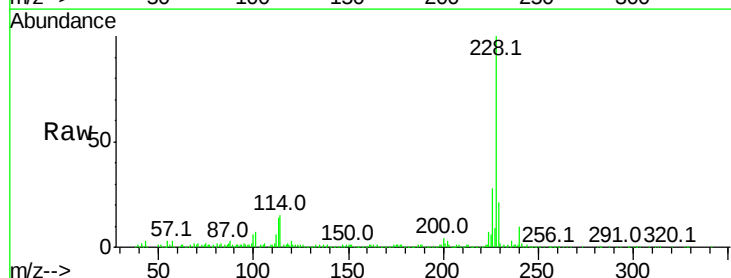
Instrument :
 BNA_F
 ClientSampleId :

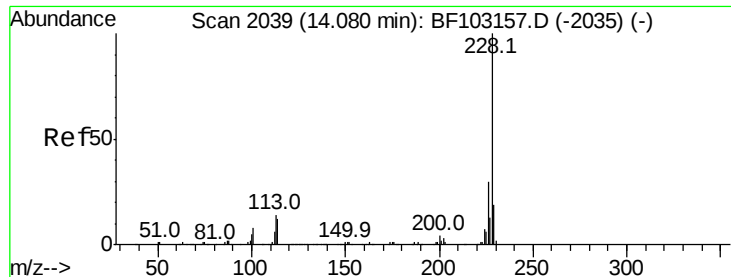
Tot Ion:244 Resp: 552022
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.4 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 21.397 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BF103428.D
 Acq: 6 Mar 2018 00:01

Tgt Ion:228 Resp: 241910
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.6 33.8
 229 21.3 15.8 23.6





#82

Chrysene

Concen: 18.159 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

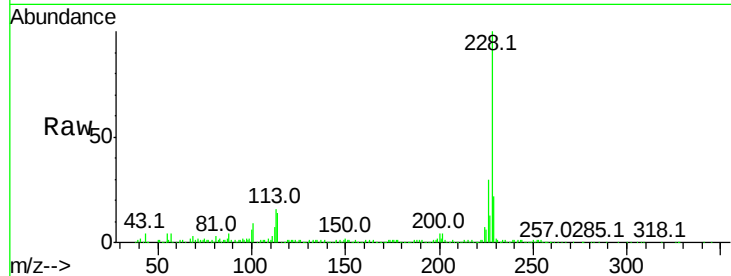
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 199335

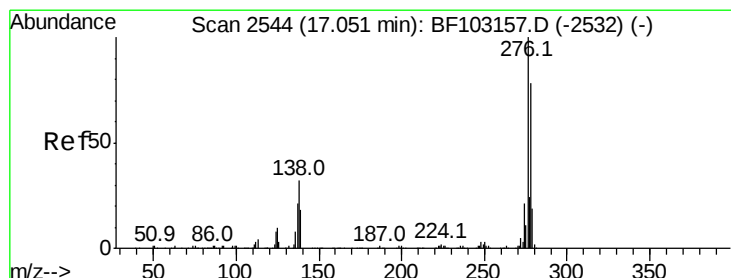
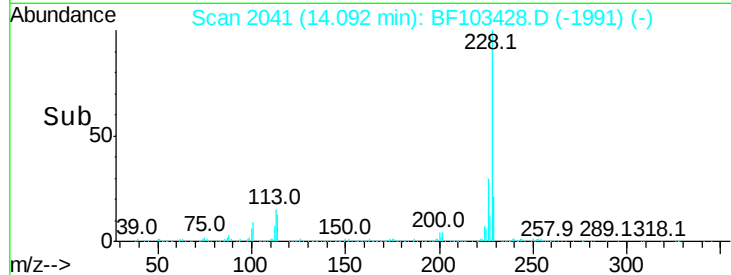
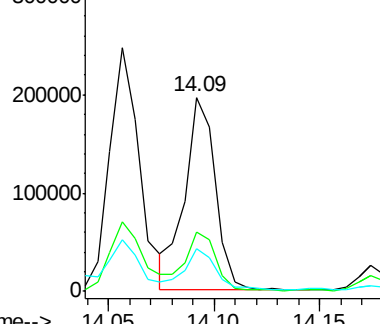
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	22.2	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 7.444 ng

RT: 17.13 min Scan# 2557

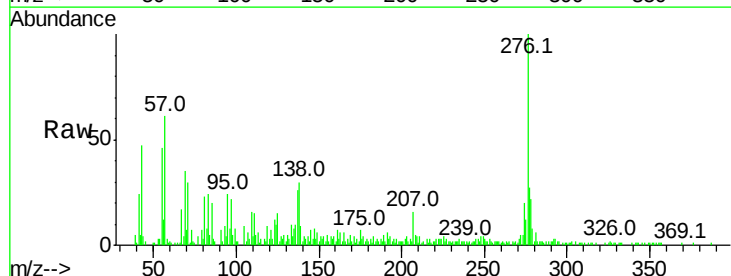
Delta R.T. -0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Tgt Ion:276 Resp: 64693

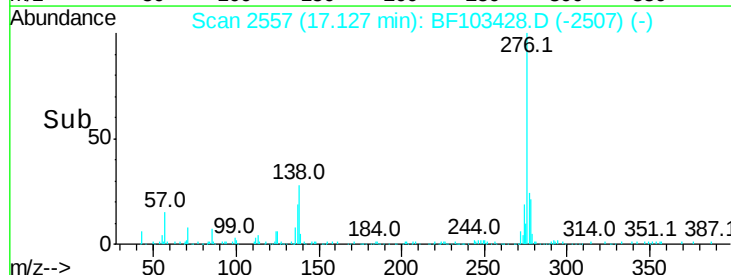
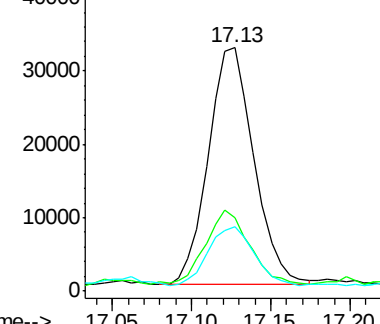
Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	24.9	20.1	30.1

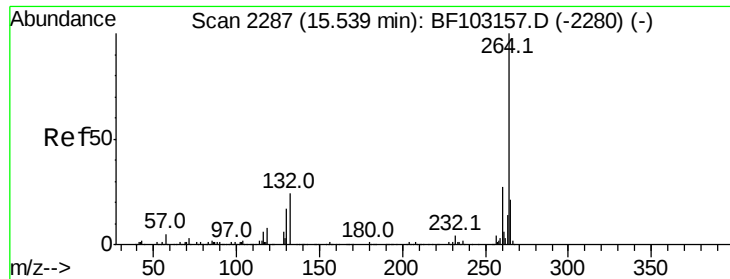


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



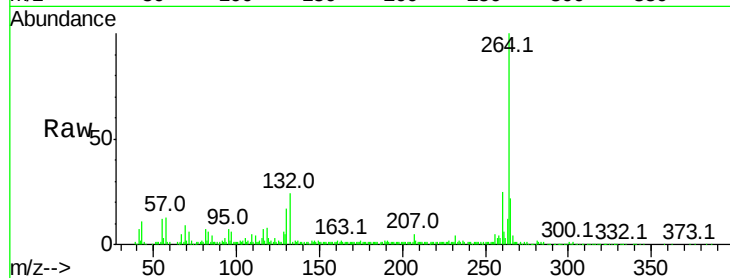


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

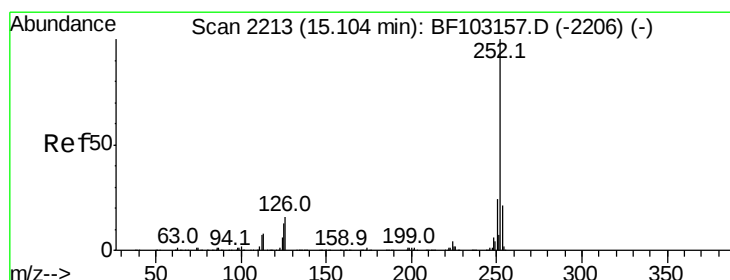
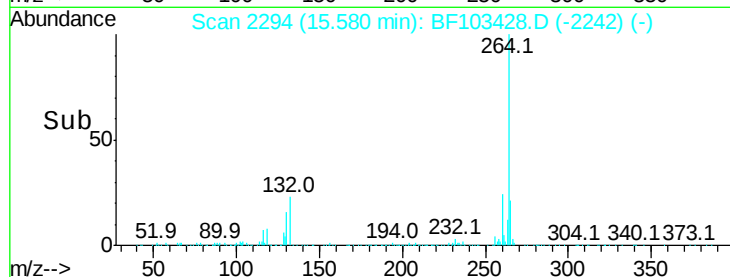
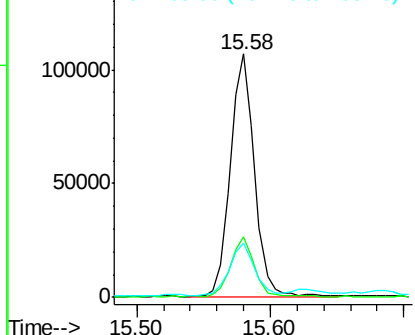
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 134423

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.3	17.5	26.3



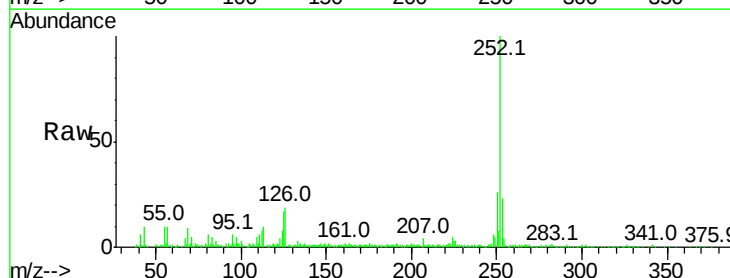
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



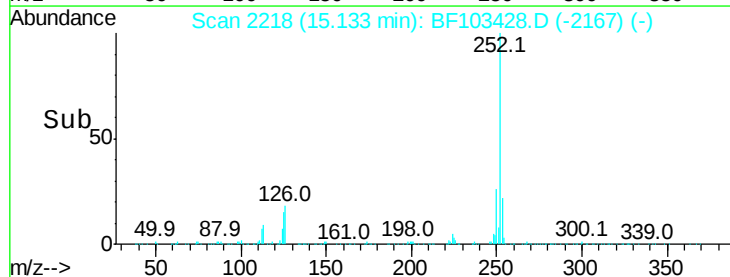
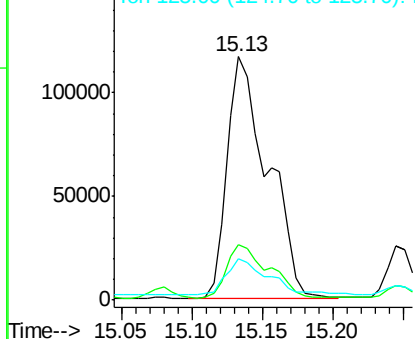
#87
Benzo(b)fluoranthene
Concen: 26.714 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

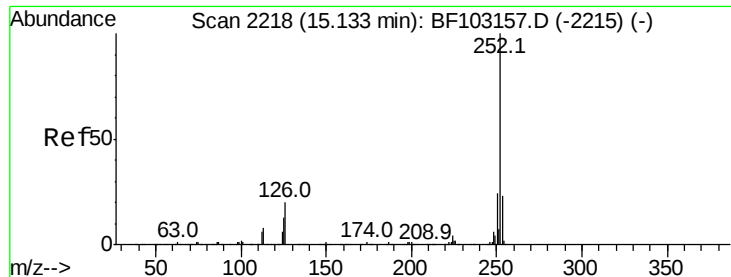
Tgt Ion:252 Resp: 236102

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	16.9	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

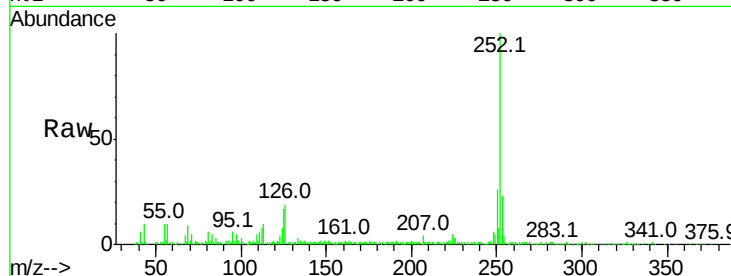




#88
Benzo(k)fluoranthene
Concen: 28.369 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	16.9	10.2	15.2#

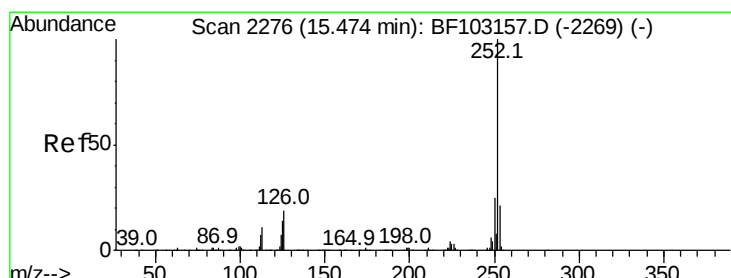
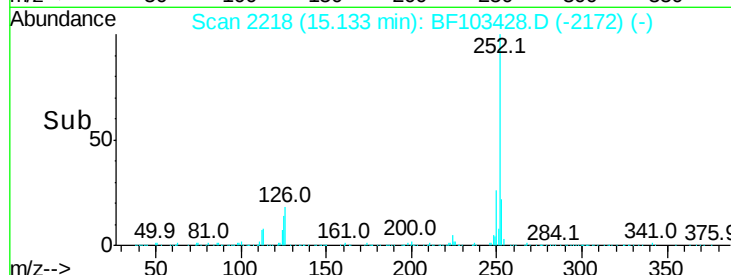
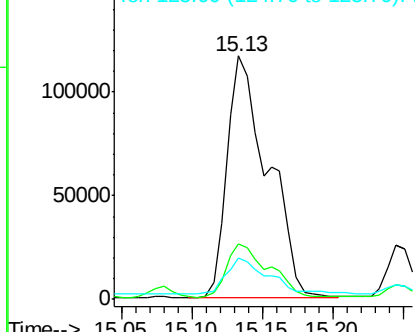


Abundance

Ion 252.00 (251.70 to 252.70): E

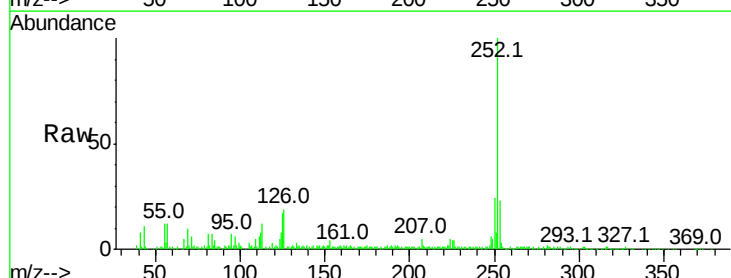
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 17.101 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF103428.D
Acq: 6 Mar 2018 00:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	16.8	9.8	14.6#

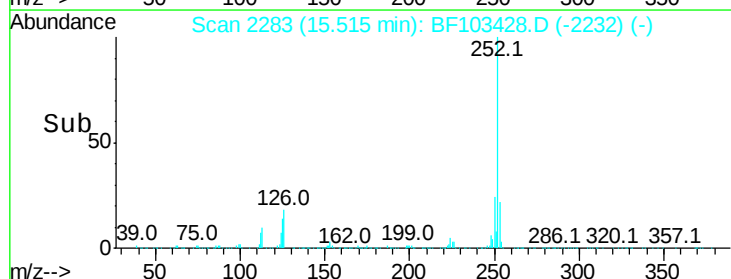
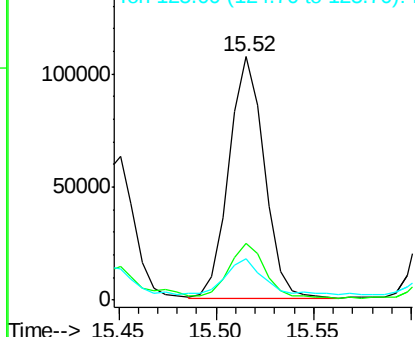


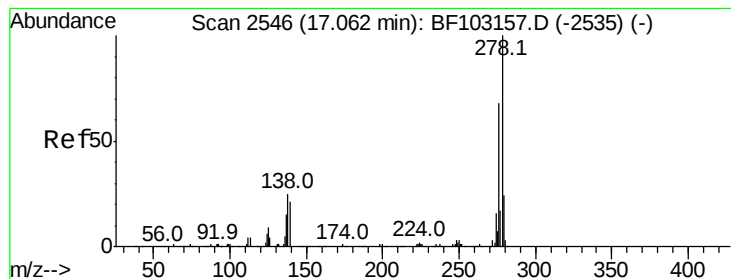
Abundance

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





#90

Dibenzo(a,h)anthracene

Concen: 2.730 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

Instrument :

BNA_F

ClientSampleId :

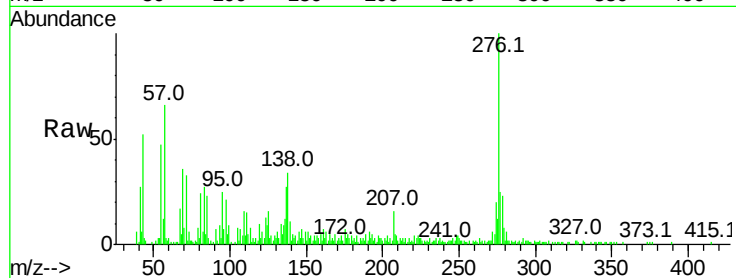
Tot Ion:278 Resp: 16649

Ion Ratio Lower Upper

278 100

139 47.4 15.9 23.9#

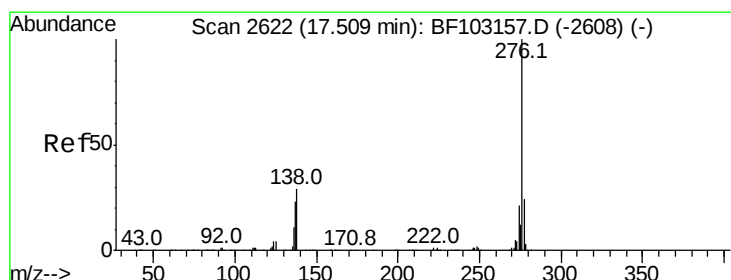
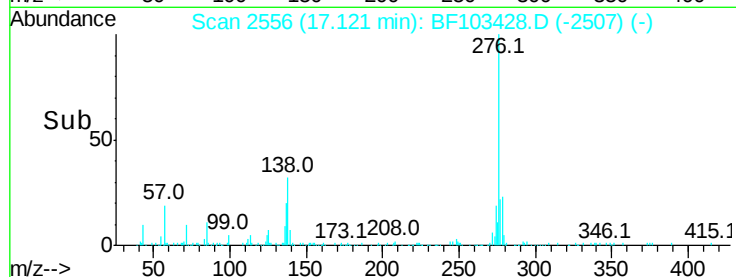
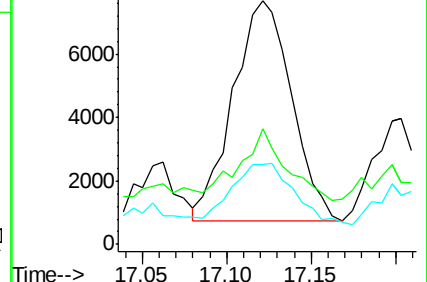
279 32.8 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 9.833 ng

RT: 17.60 min Scan# 2637

Delta R.T. 0.01 min

Lab File: BF103428.D

Acq: 6 Mar 2018 00:01

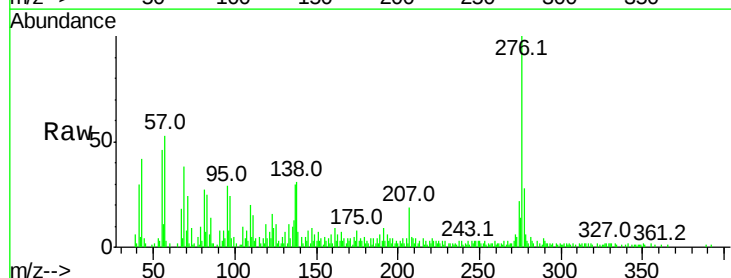
Tgt Ion:276 Resp: 58611

Ion Ratio Lower Upper

276 100

277 27.7 17.9 26.9#

138 38.6 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

