

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102778.D
 Acq On : 6 Feb 2018 12:36
 Operator : SJ/JU
 Sample : J1454-10DL 4X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 14:42:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	205540	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	827114	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	351920	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	484734	20.00	ng	0.00
75) Chrysene-d12	14.06	240	322495	20.00	ng	0.00
86) Perylene-d12	15.54	264	364262	20.00	ng	0.01

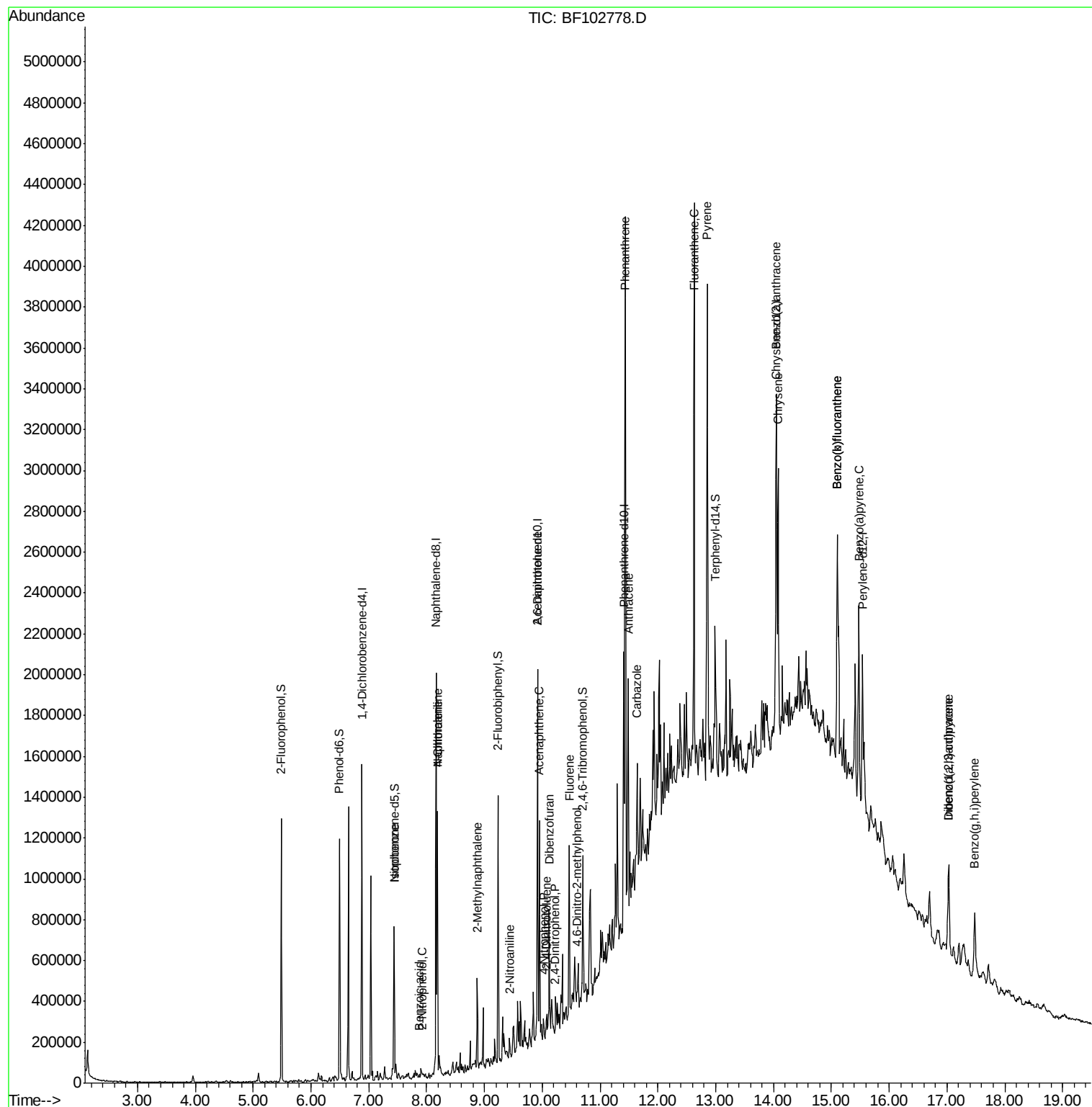
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	308530	22.80	ng	0.00
7) Phenol-d6	6.49	99	378970	23.26	ng	-0.01
23) Nitrobenzene-d5	7.44	82	220697	18.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	53424	18.86	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	385715	18.19	ng	-0.01
78) Terphenyl-d14	12.99	244	226664	16.64	ng	0.00

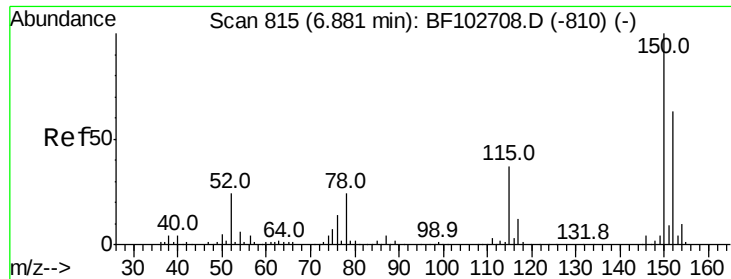
Target Compounds				Qvalue		
25) Isophorone	7.44	82	217068	7.906	ng	# 64
26) 2-Nitrophenol	7.92	139	127	8.684	ng	# 1
31) Naphthalene	8.19	128	501701	12.415	ng	99
32) Benzoic acid	7.86	122	389	8.589	ng	95
33) 4-Chloroaniline	8.19	127	65052	3.737	ng	# 36
37) 2-Methylnaphthalene	8.87	142	108193	4.089	ng	99
47) 2-Nitroaniline	9.44	65	801	3.575	ng	# 45
50) 2,6-Dinitrotoluene	9.92	165	48415	9.274	ng	# 26
51) Acenaphthene	9.95	154	194526	8.975	ng	99
53) 2,4-Dinitrophenol	10.22	184	128	8.057	ng	# 37
54) Dibenzofuran	10.12	168	187982	6.154	ng	97
55) 4-Nitrophenol	10.02	139	2956	4.556	ng	# 7
56) 2,4-Dinitrotoluene	10.07	165	3350	3.523	ng	# 51
57) Fluorene	10.47	166	231509	10.417	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	151	8.861	ng	# 1
70) Phenanthrene	11.43	178	1387836	51.408	ng	100
71) Anthracene	11.49	178	451546	16.445	ng	99
72) Carbazole	11.63	167	213853	7.950	ng	95
74) Fluoranthene	12.63	202	1245317	45.848	ng	99
77) Pvrene	12.86	202	1121947	44.366	ng	99
80) Benzo(a)anthracene	14.04	228	613683	30.258	ng	99
82) Chrysene	14.08	228	568023	27.783	ng	97
85) Indeno(1,2,3-cd)pyrene	17.03	276	300032	17.694	ng	95
87) Benzo(b)fluoranthene	15.10	252	962378	40.750	ng	# 92
88) Benzo(k)fluoranthene	15.10	252	962378	42.649	ng	# 95
89) Benzo(a)pyrene	15.47	252	541421	25.469	ng	# 93
90) Dibenzo(a,h)anthracene	17.04	278	78547	4.552	ng	# 87
91) Benzo(g,h,i)perylene	17.48	276	264563	15.666	ng	95

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

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102778.D
Acq On : 6 Feb 2018 12:36
Operator : SJ/JU
Sample : J1454-10DL 4X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 06 14:42:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

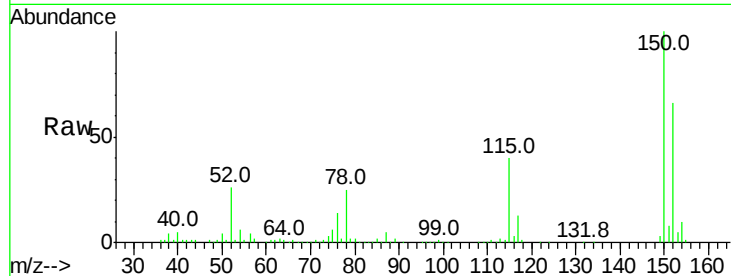
Tot Ion:152 Resp: 205540

Ion Ratio Lower Upper

152 100

150 152.0 124.6 186.8

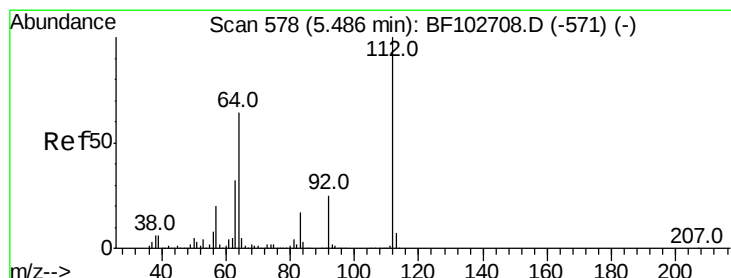
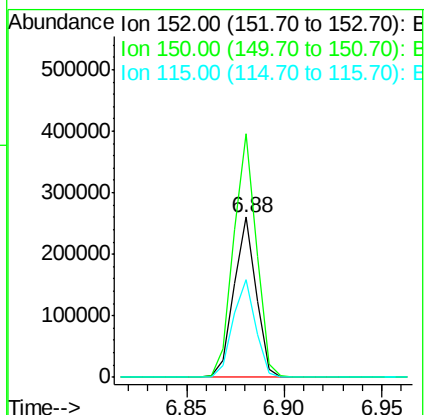
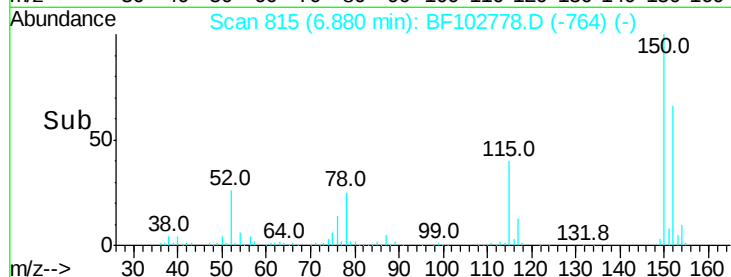
115 61.2 50.1 75.1



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: 22.796 ng

RT: 5.49 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

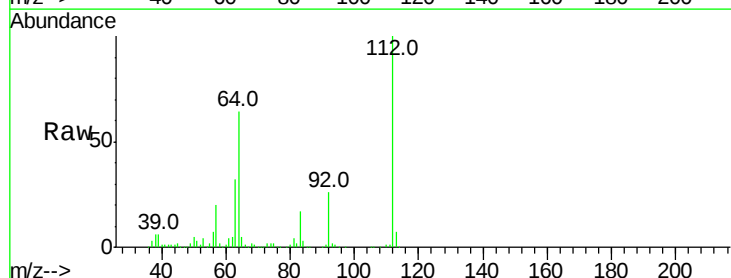
Tgt Ion:112 Resp: 308530

Ion Ratio Lower Upper

112 100

64 64.1 47.9 71.9

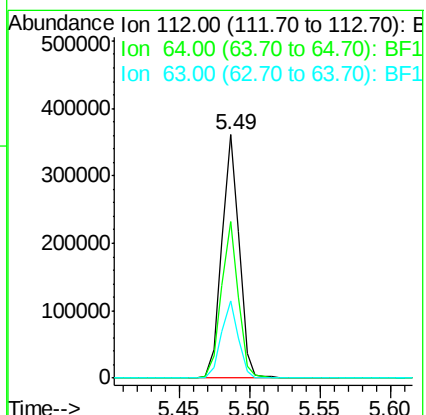
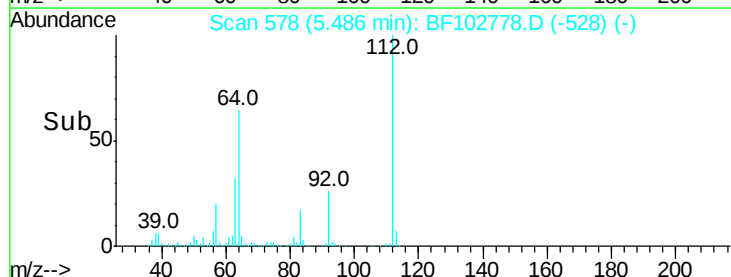
63 31.9 23.7 35.5

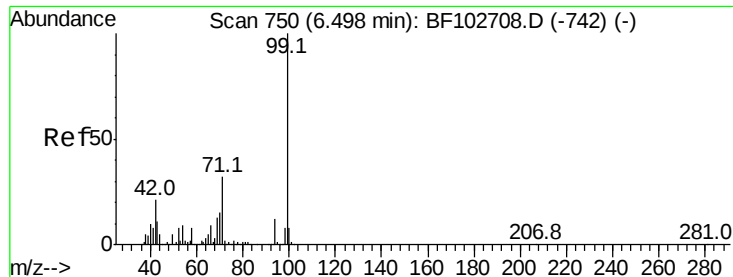


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.255 ng

RT: 6.49 min Scan# 749

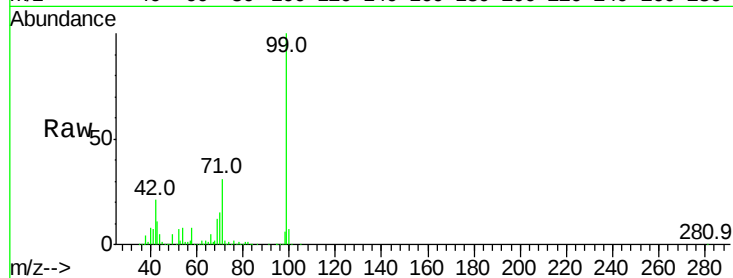
Delta R.T. -0.01 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tot Ion: 99 Resp: 378970

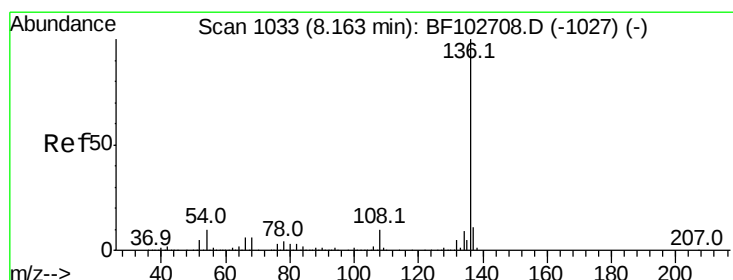
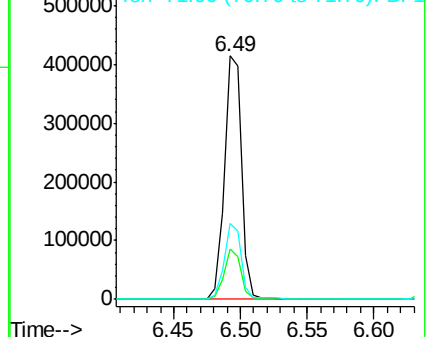
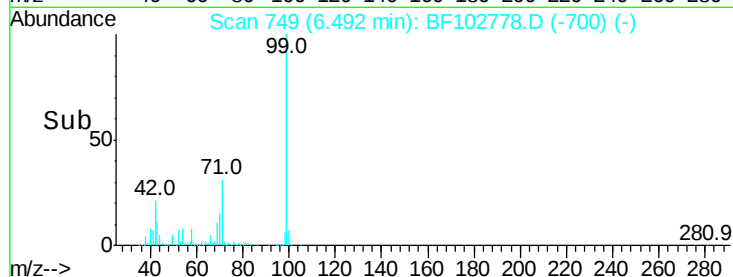
Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	31.4	25.4	38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

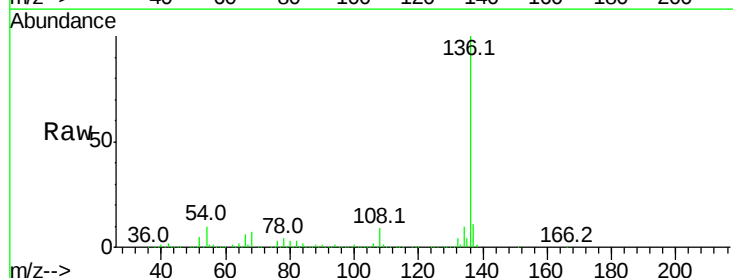
Delta R.T. -0.01 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tgt Ion: 136 Resp: 827114

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	10.1	6.6	9.8
68	6.6	5.0	7.4

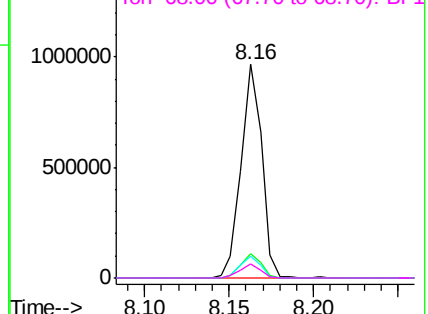
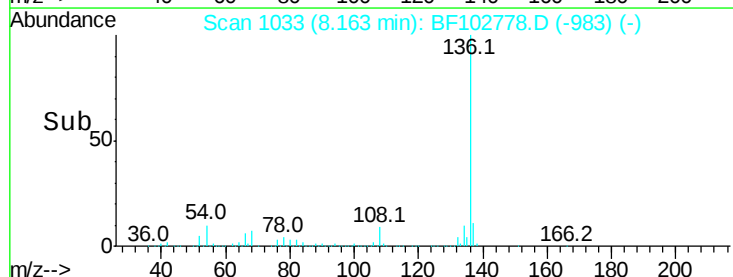


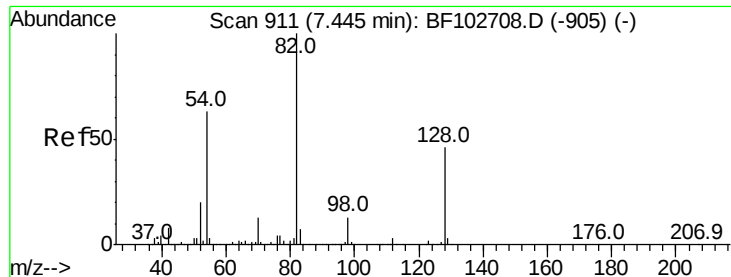
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

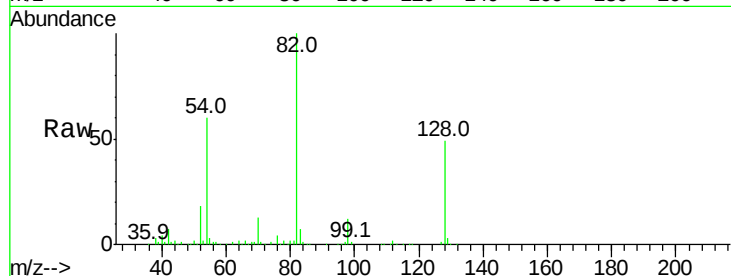
Ion 68.00 (67.70 to 68.70): BF1



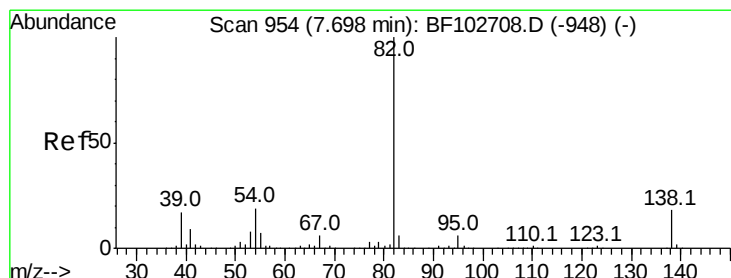
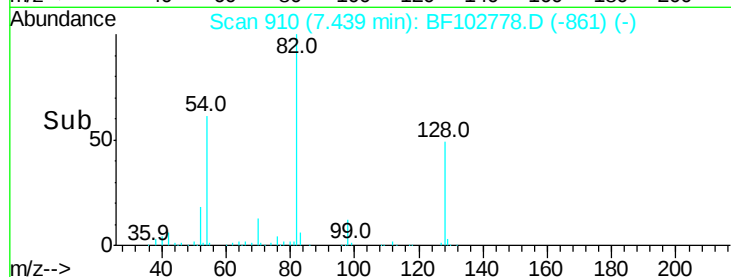
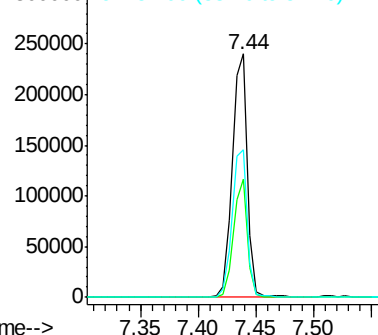


#23
Nitrobenzene-d5
Concen: 18.510 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tot Ion: 82 Resp: 220697
Ion Ratio Lower Upper
82 100
128 48.6 36.1 54.1
54 60.4 41.4 62.2

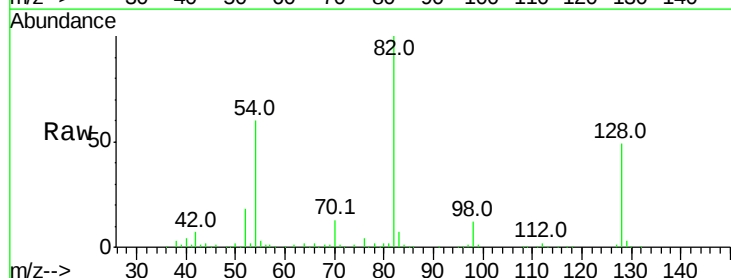


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

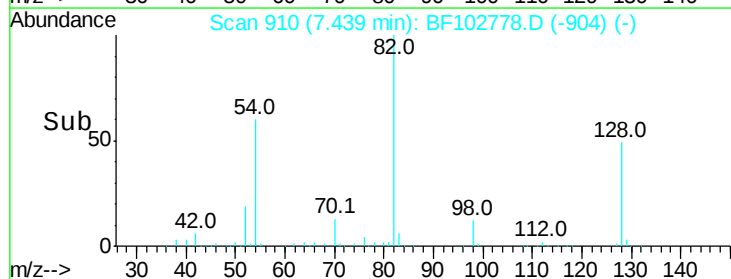
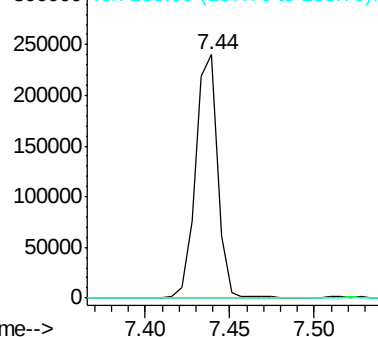


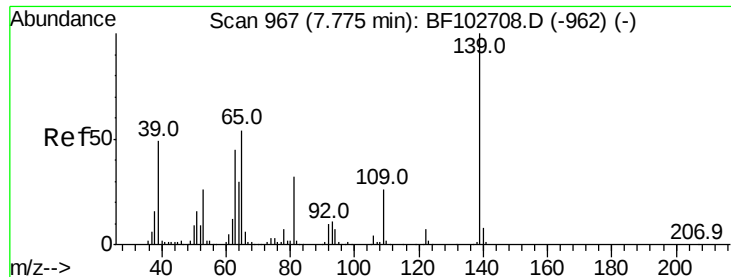
#25
Isophorone
Concen: 7.906 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tgt Ion: 82 Resp: 217068
Ion Ratio Lower Upper
82 100
95 0.2 5.2 7.8#
138 0.0 14.9 22.3#



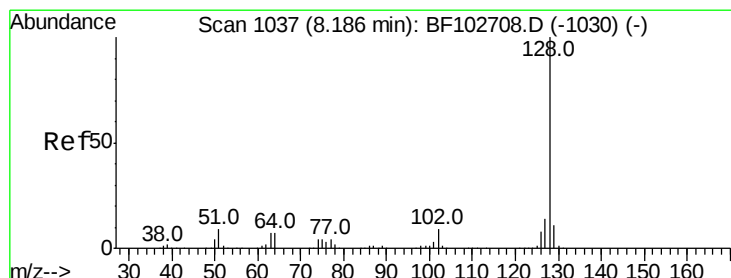
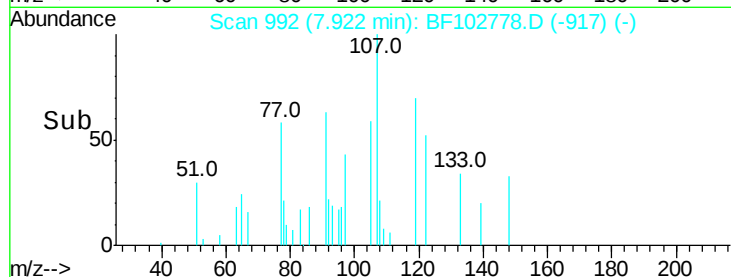
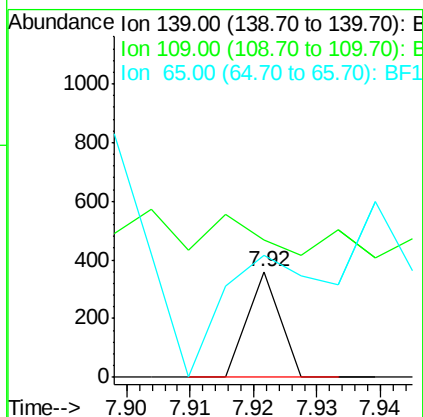
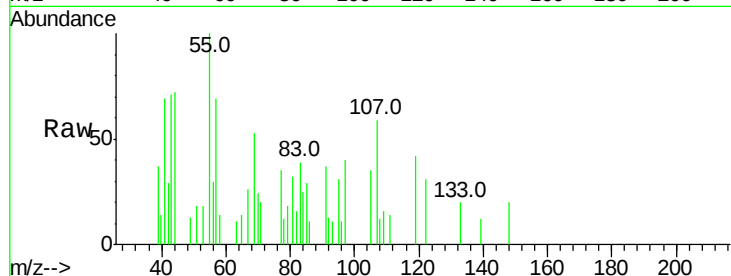
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





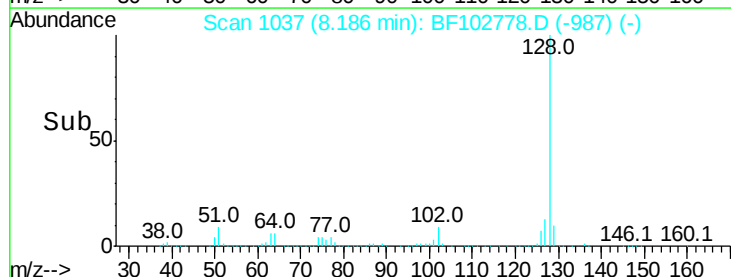
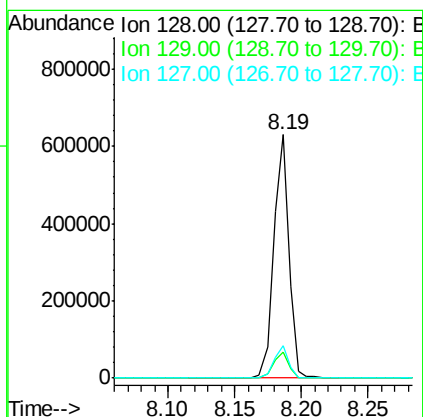
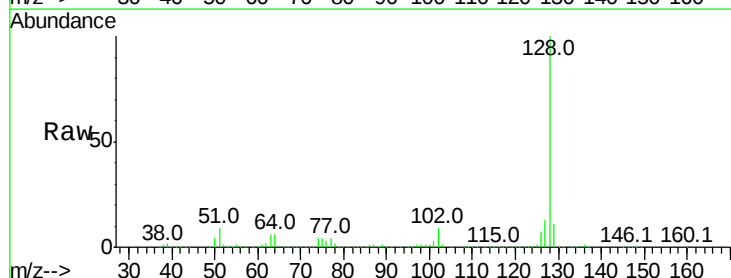
#26
2-Nitrophenol
Concen: 8.684 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.14 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

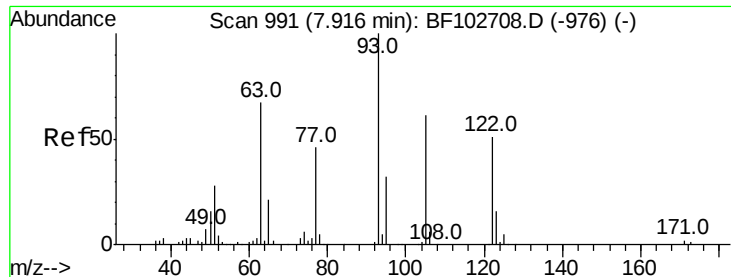
Tot Ion:139 Resp: 127
Ion Ratio Lower Upper
139 100
109 129.6 22.7 34.1#
65 115.8 40.5 60.7#



#31
Naphthalene
Concen: 12.415 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tgt Ion:128 Resp: 501701
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 13.2 10.9 16.3





#32

Benzoic acid

Concen: 8.589 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.07 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

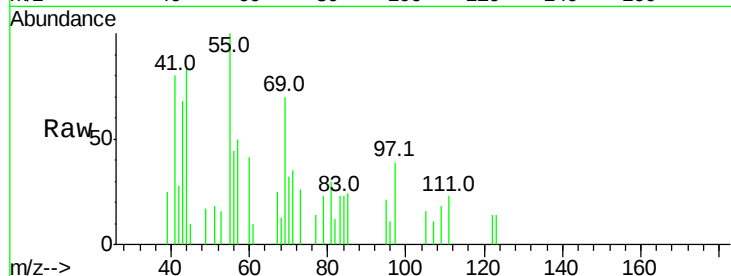
Tot Ion:122 Resp: 389

Ion Ratio Lower Upper

122 100

105 117.6 101.1 141.1

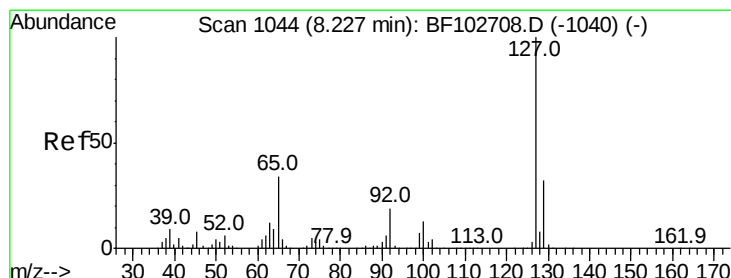
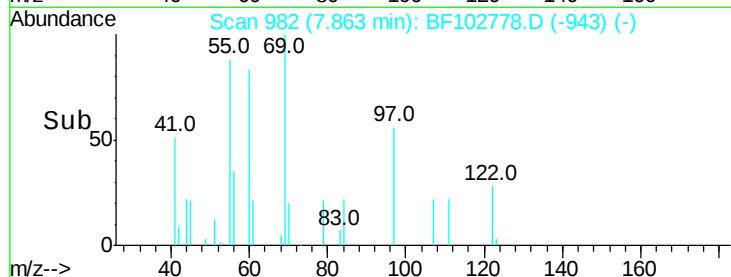
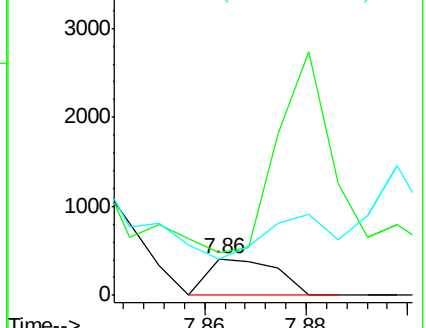
77 98.5 70.7 110.7



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: 3.737 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tgt Ion:127 Resp: 65052

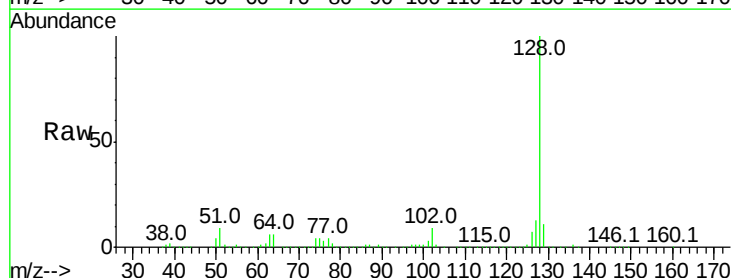
Ion Ratio Lower Upper

127 100

129 79.7 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

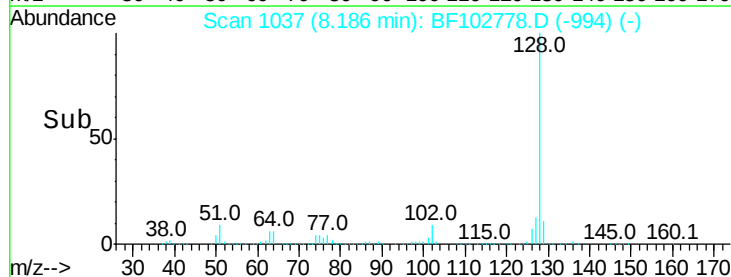
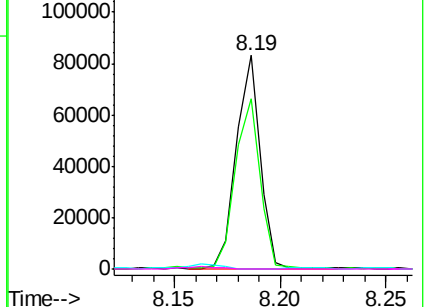


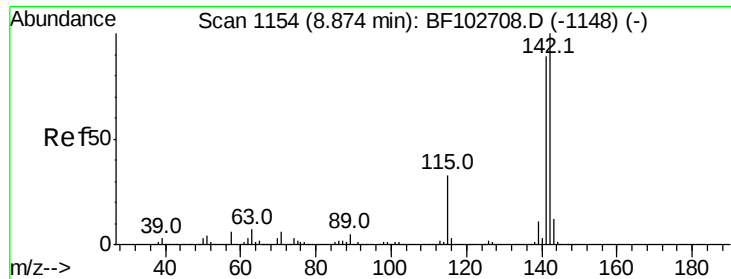
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

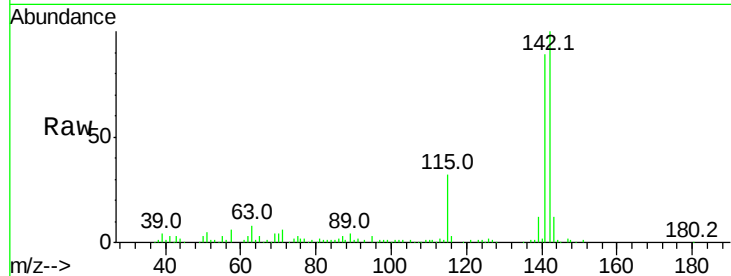
Ion 92.00 (91.70 to 92.70): BF1



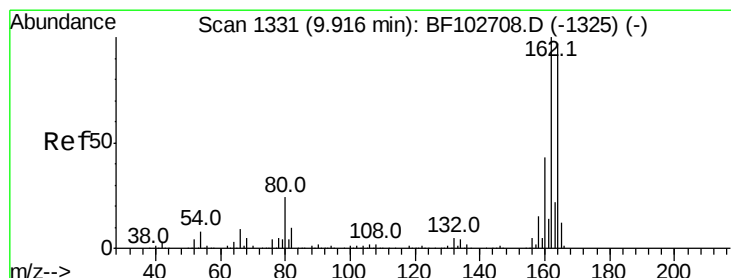
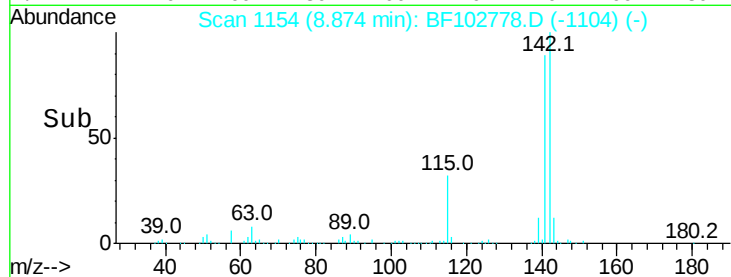
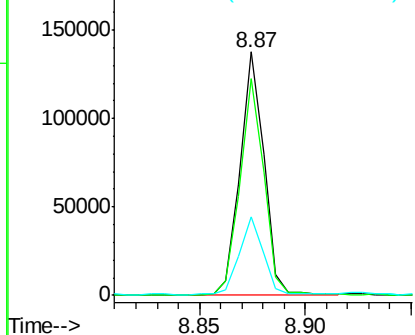


#37
 2-Methylnaphthalene
 Concen: 4.089 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	32.4	26.1	39.1

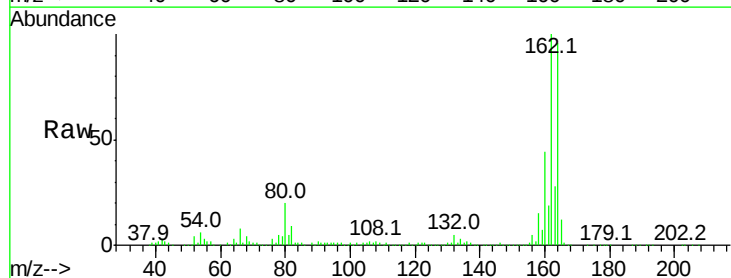


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

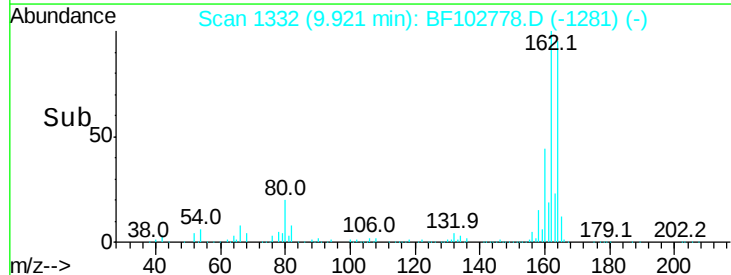
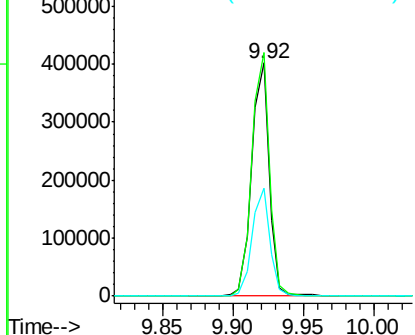


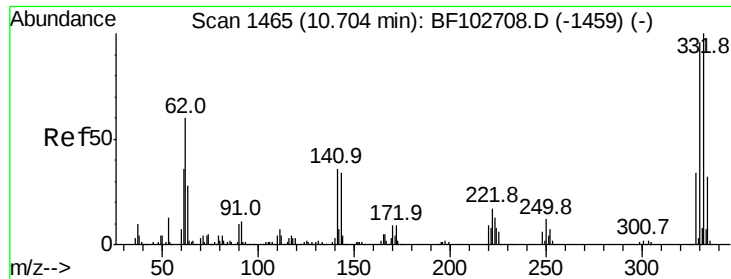
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	46.3	38.3	57.5



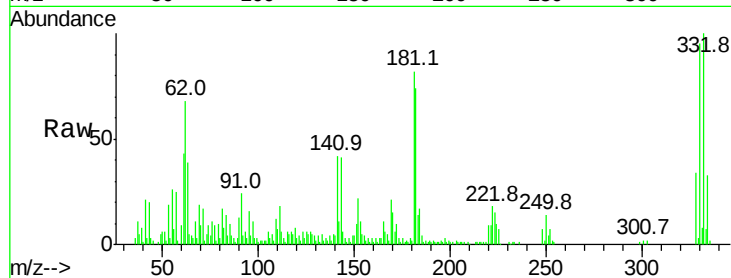
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



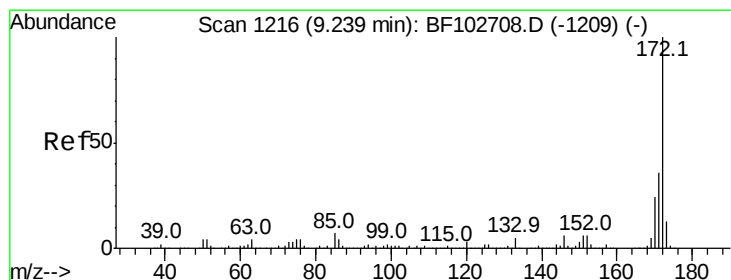
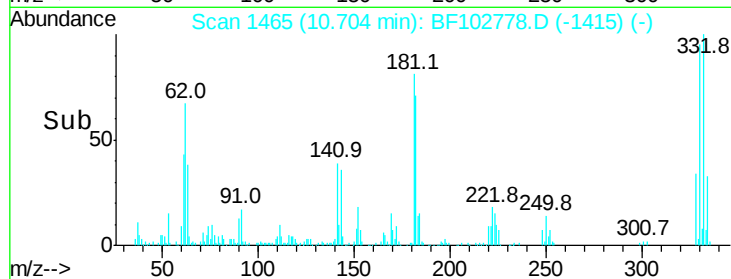
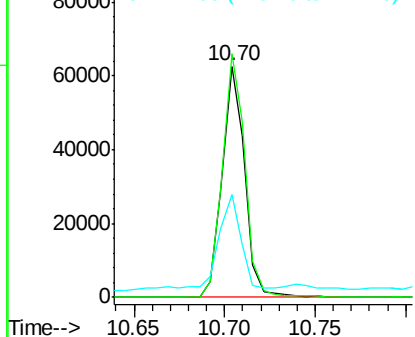


#41
 2,4,6-Tribromophenol
 Concen: 18.861 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

Tot Ion:330 Resp: 53424
 Ion Ratio Lower Upper
 330 100
 332 106.0 77.0 115.6
 141 43.3 29.9 44.9

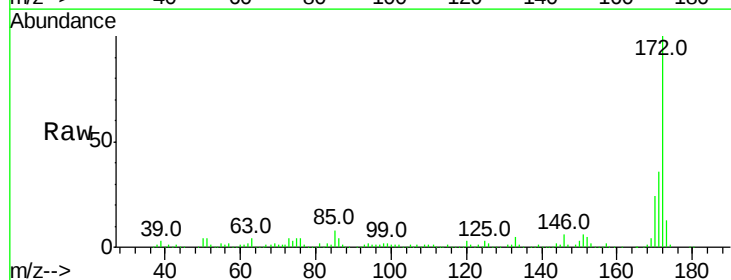


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

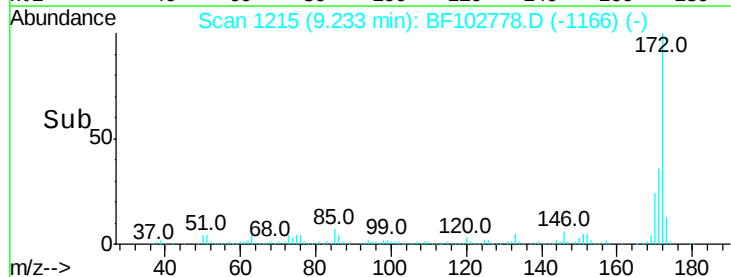
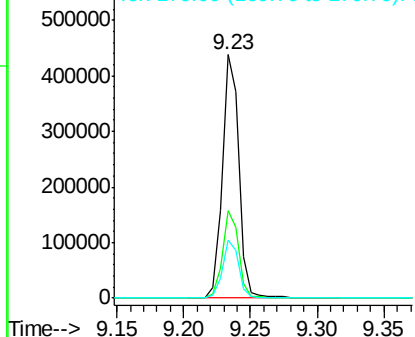


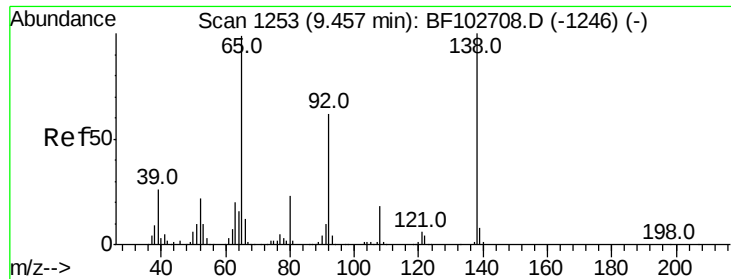
#44
 2-Fluorobiphenyl
 Concen: 18.187 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

Tgt Ion:172 Resp: 385715
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.1 19.6 29.4



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





#47

2-Nitroaniline

Concen: 3.575 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

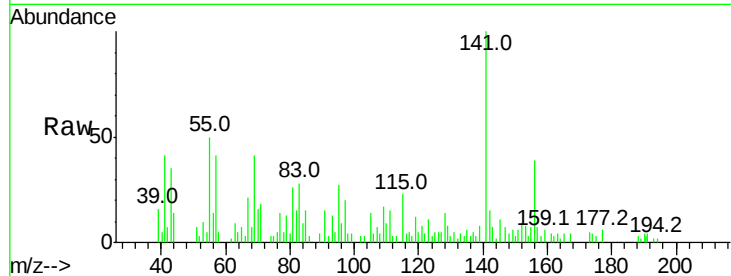
Tot Ion: 65 Resp: 801

Ion Ratio Lower Upper

65 100

92 40.5 55.8 83.6#

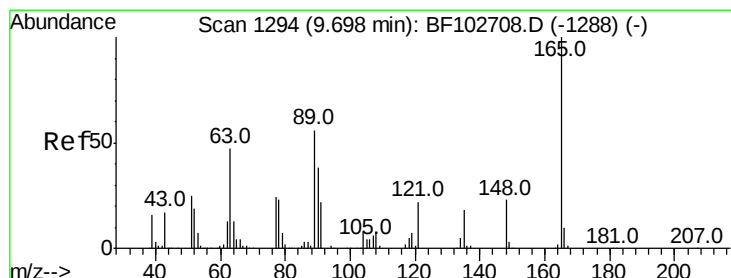
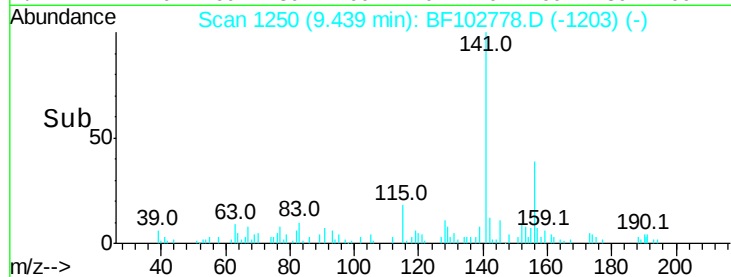
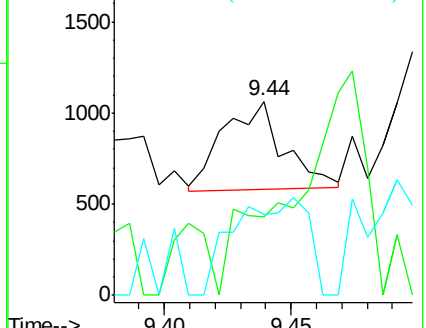
138 42.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#50

2,6-Dinitrotoluene

Concen: 9.274 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

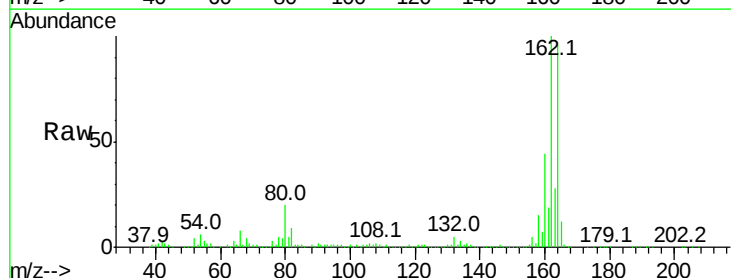
Tgt Ion: 165 Resp: 48415

Ion Ratio Lower Upper

165 100

63 2.2 44.7 67.1#

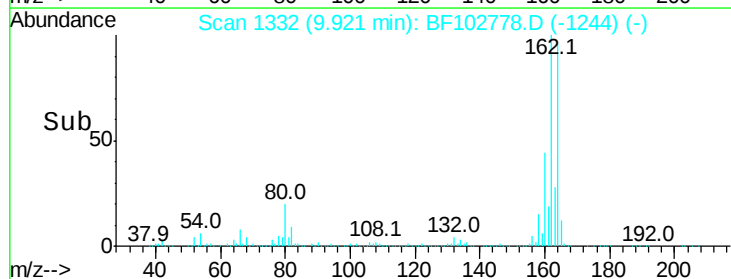
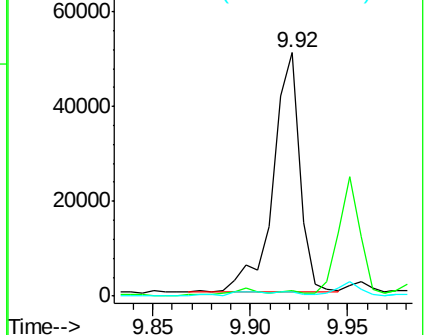
89 1.9 44.0 66.0#

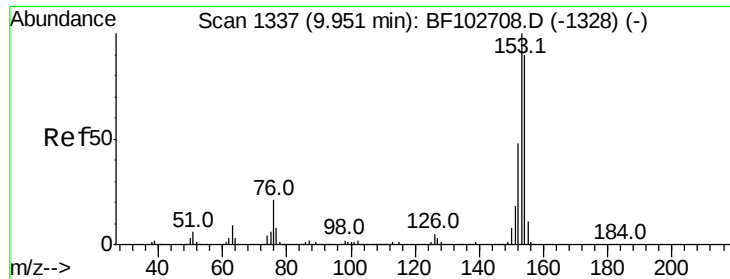


Abundance Ion 165.00 (164.70 to 165.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 8.975 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

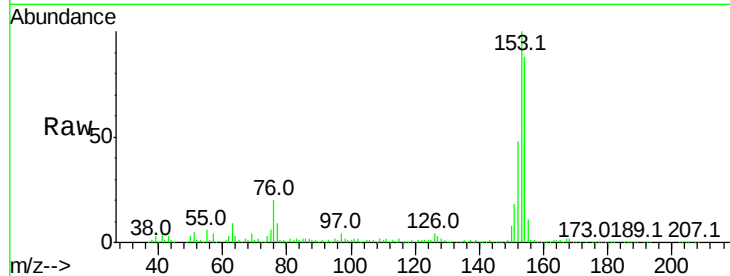
Tot Ion:154 Resp: 194526

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

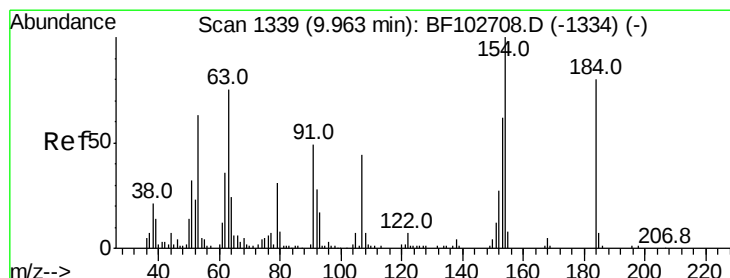
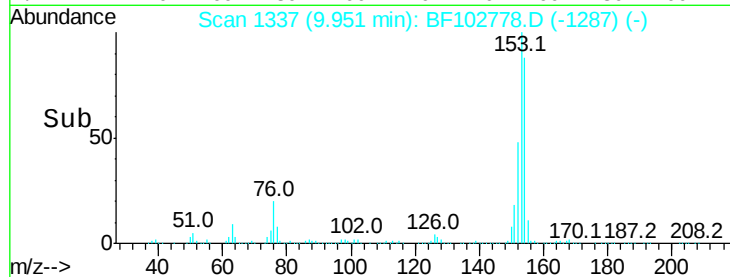
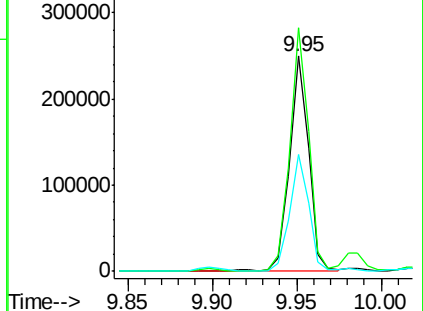
152 54.2 43.8 65.8



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: 8.057 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.24 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

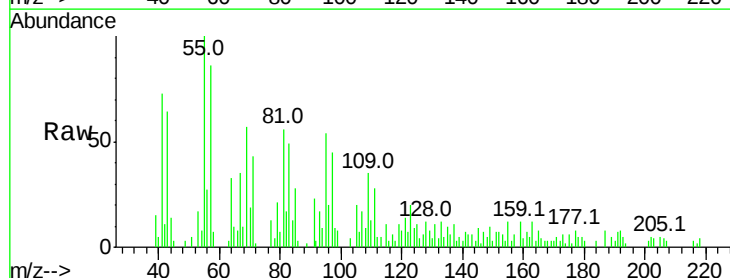
Tgt Ion:184 Resp: 128

Ion Ratio Lower Upper

184 100

63 110.7 54.2 81.2#

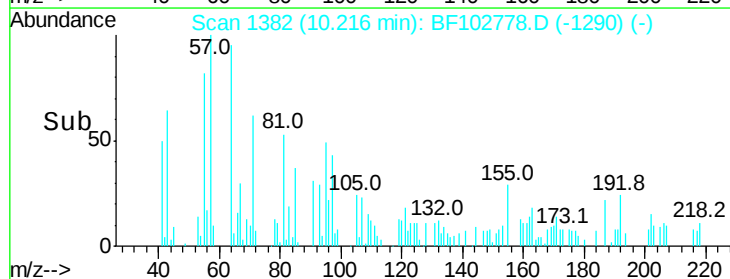
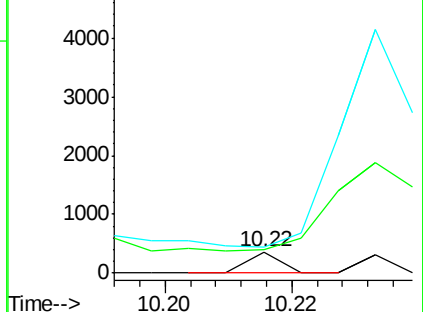
154 120.7 184.0 276.0#

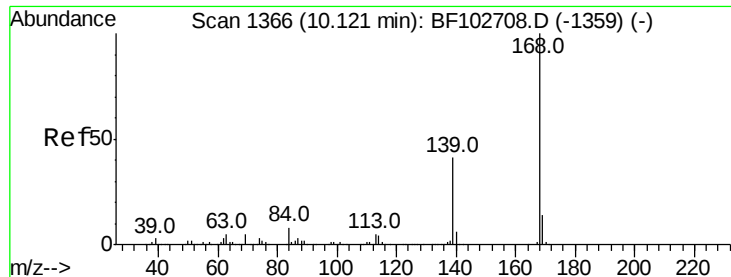


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

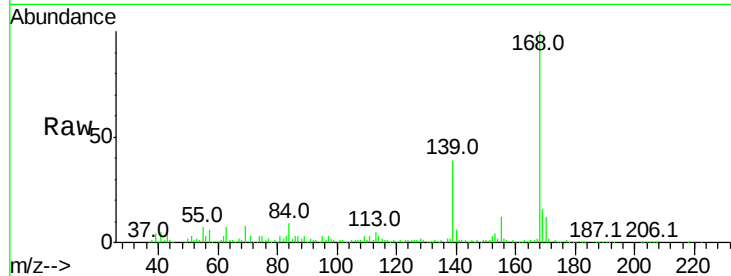
Ion 154.00 (153.70 to 154.70): E



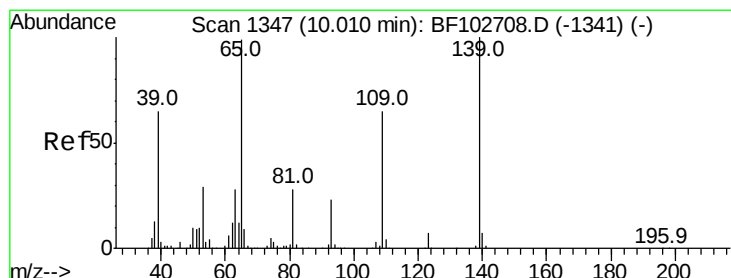
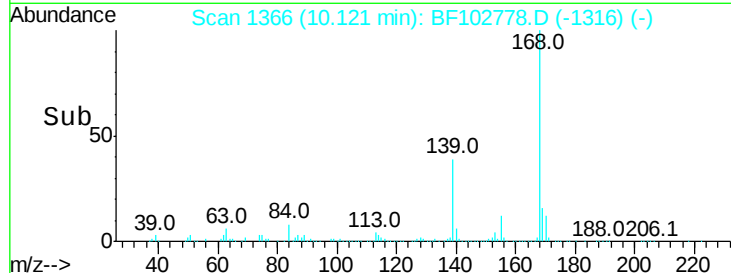
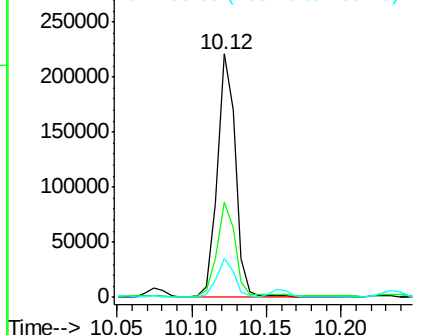


#54
Dibenzenofuran
Concen: 6.154 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tot Ion:168 Resp: 187982
Ion Ratio Lower Upper
168 100
139 39.1 30.1 45.1
169 16.0 10.9 16.3

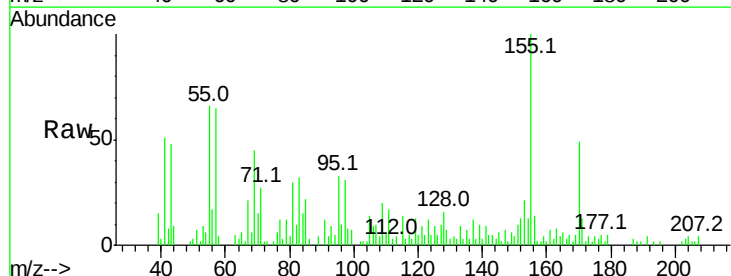


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

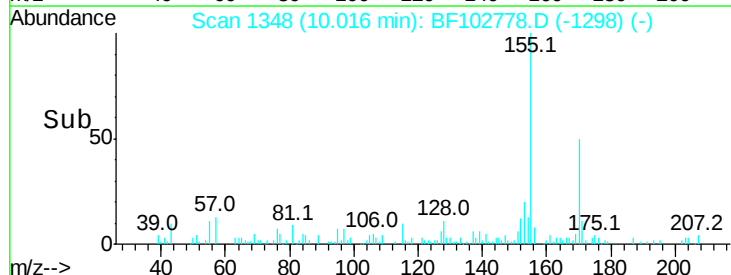
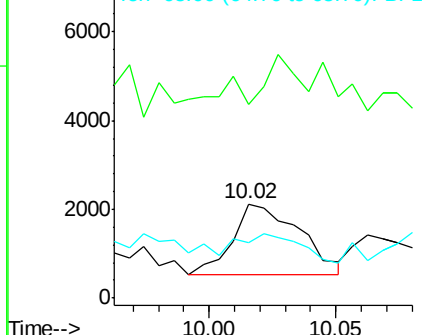


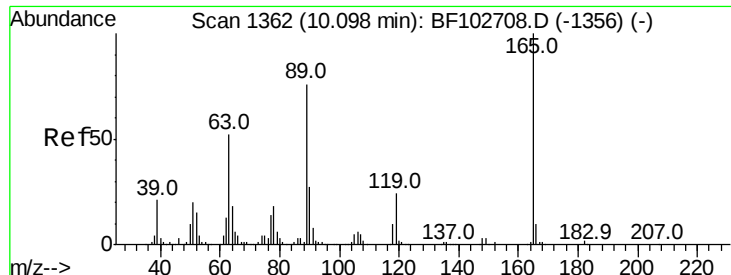
#55
4-Nitrophenol
Concen: 4.556 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tgt Ion:139 Resp: 2956
Ion Ratio Lower Upper
139 100
109 205.7 48.4 88.4#
65 58.3 72.6 112.6#



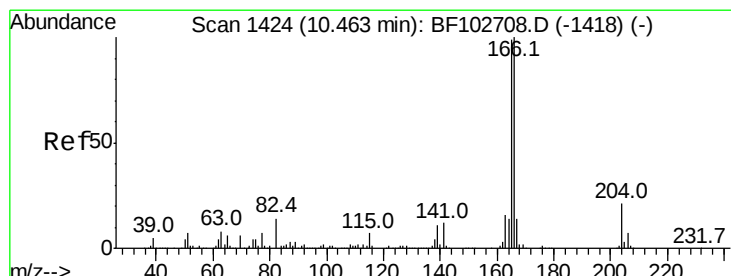
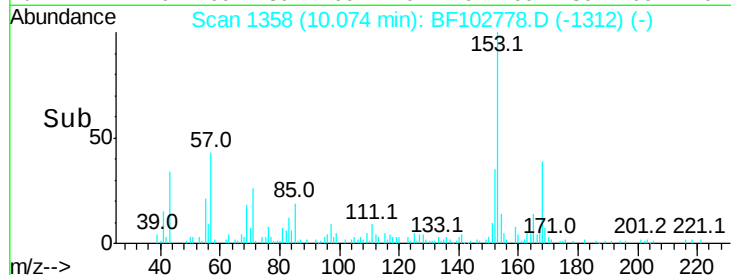
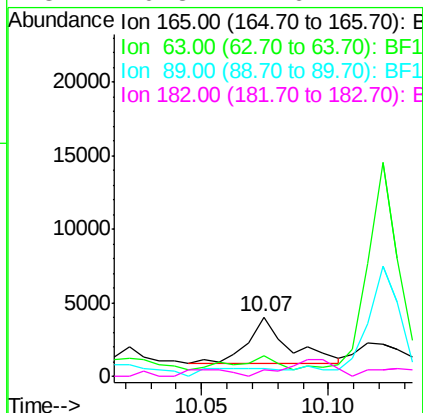
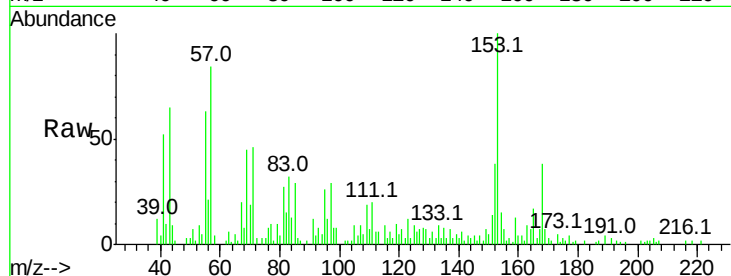
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





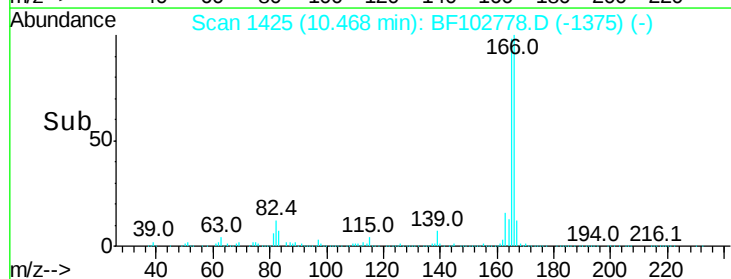
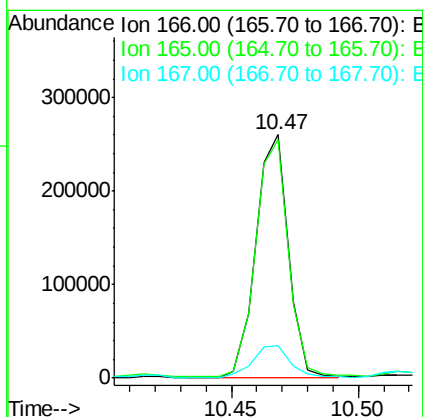
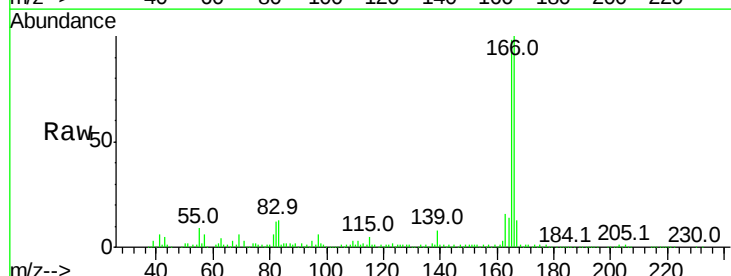
#56
2,4-Dinitrotoluene
Concen: 3.523 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

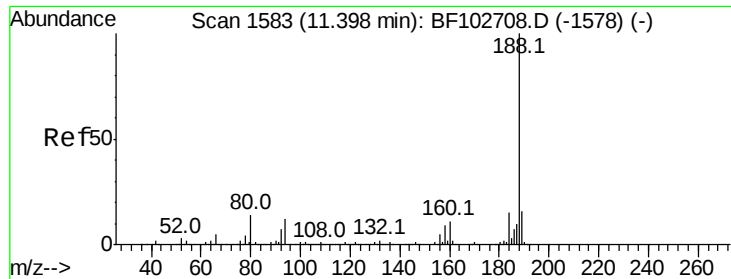
Tot Ion:165 Resp: 3350
Ion Ratio Lower Upper
165 100
63 34.7 36.4 54.6#
89 13.9 57.8 86.6#
182 10.3 1.6 2.4#



#57
Fluorene
Concen: 10.417 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

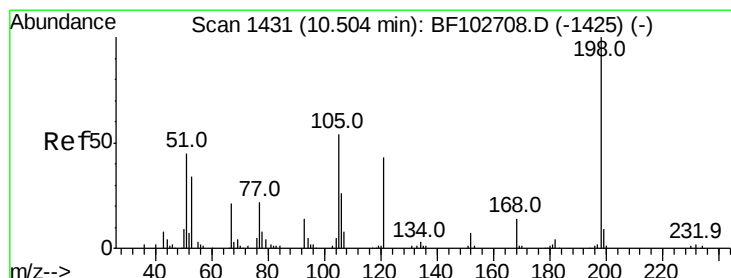
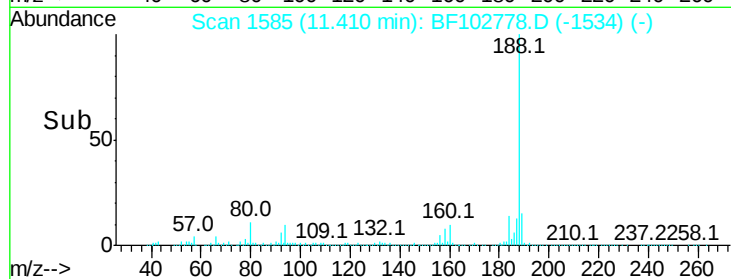
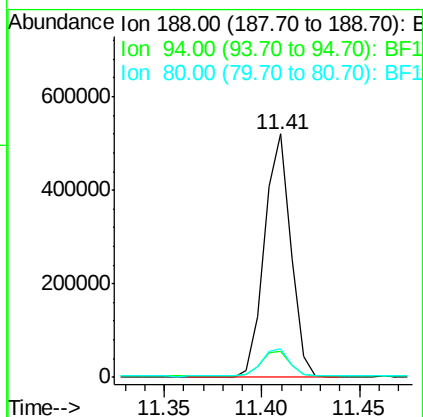
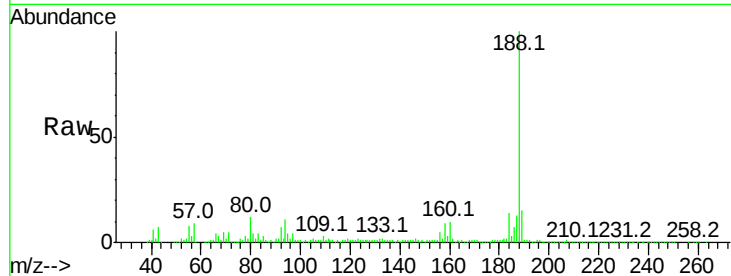
Tgt Ion:166 Resp: 231509
Ion Ratio Lower Upper
166 100
165 98.0 79.8 119.8
167 13.2 10.6 16.0





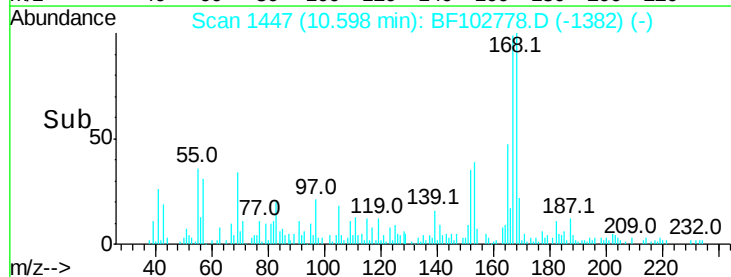
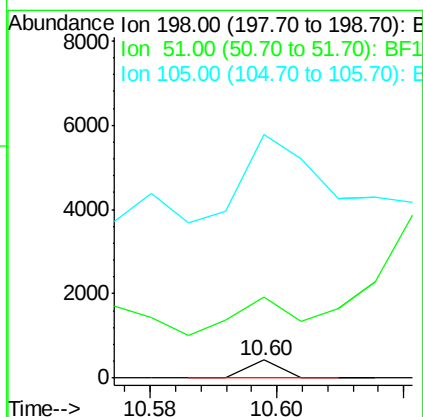
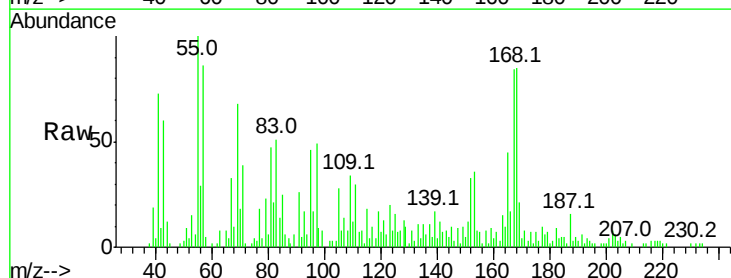
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

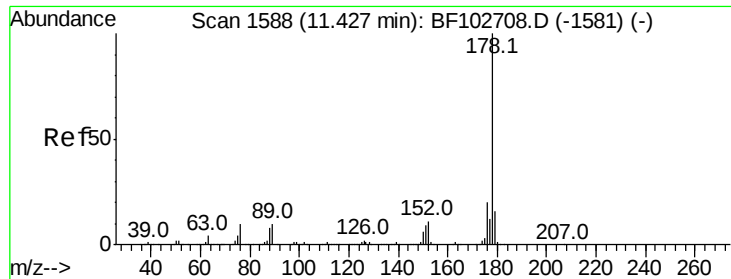
Tot Ion:188 Resp: 484734
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.7 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.861 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.08 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tgt Ion:198 Resp: 151
Ion Ratio Lower Upper
198 100
51 445.2 37.7 77.7#
105 1346.6 36.3 76.3#





#70

Phenanthrene

Concen: 51.408 ng

RT: 11.43 min Scan# 1589

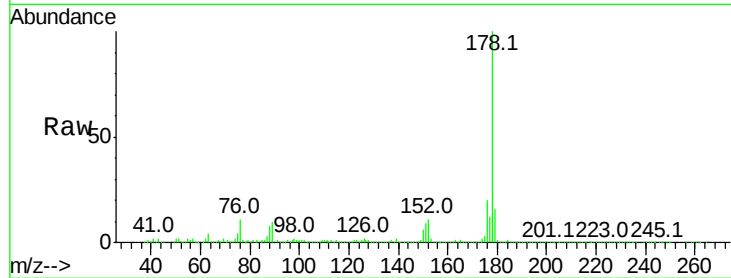
Delta R.T. -0.00 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tot Ion:178 Resp: 1387836

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	16.1	13.0	19.6

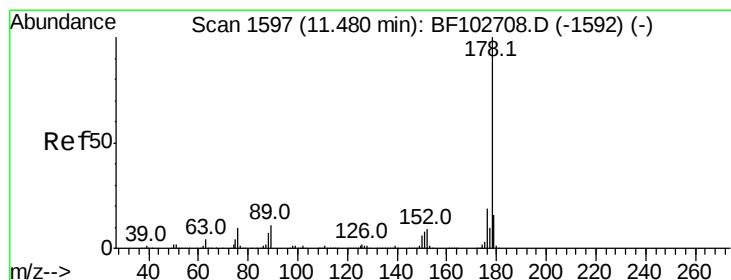
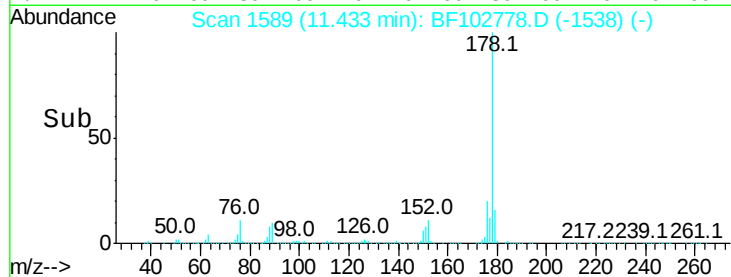
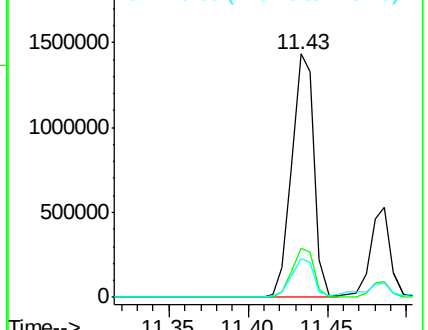


Abundance

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: 16.445 ng

RT: 11.49 min Scan# 1598

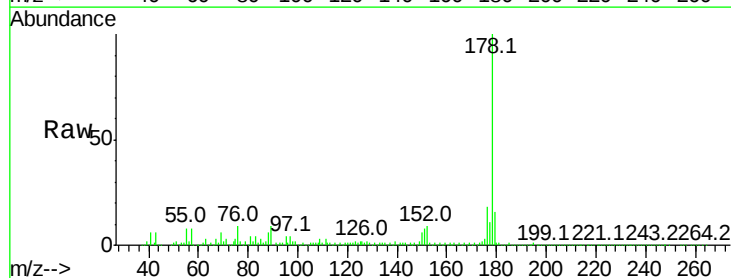
Delta R.T. -0.00 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tgt Ion:178 Resp: 451546

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.8	12.6	19.0

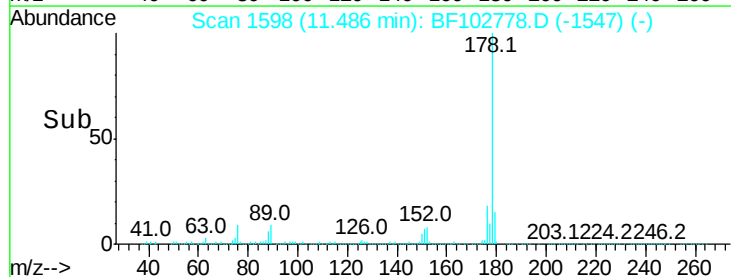
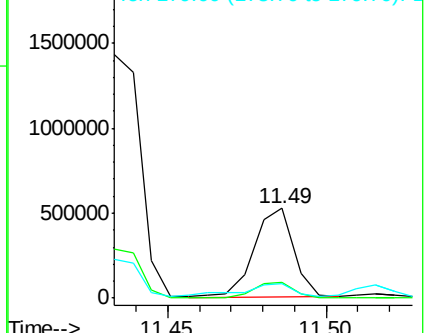


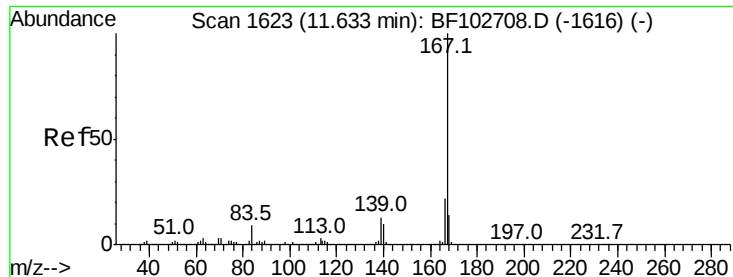
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

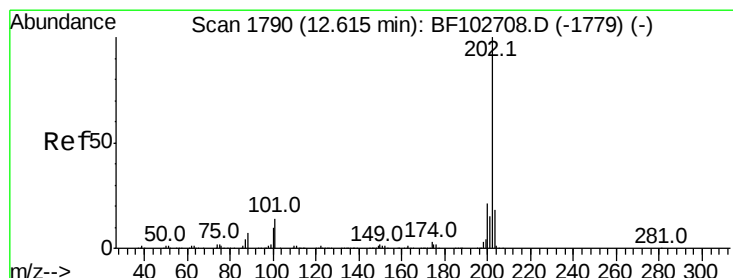
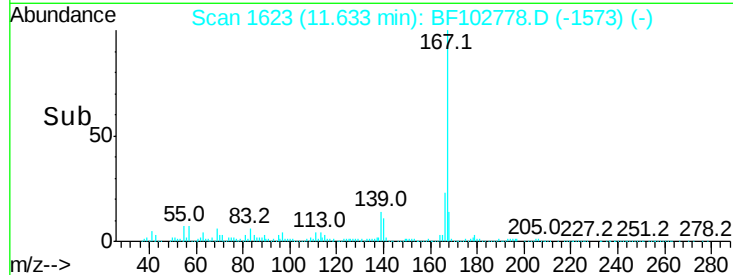
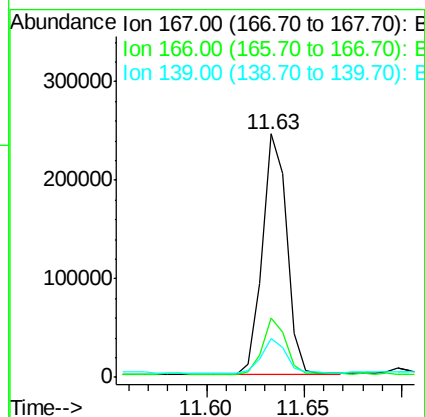
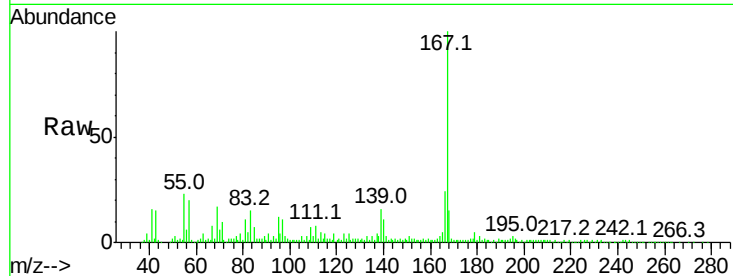
Ion 179.00 (178.70 to 179.70): E





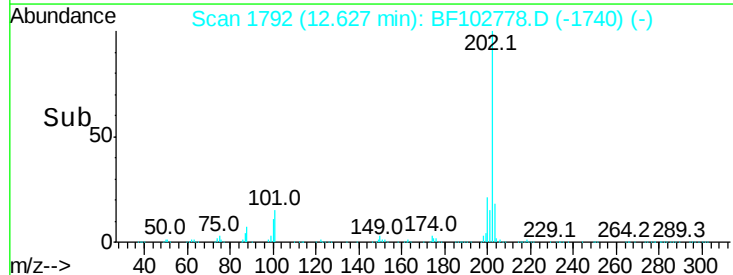
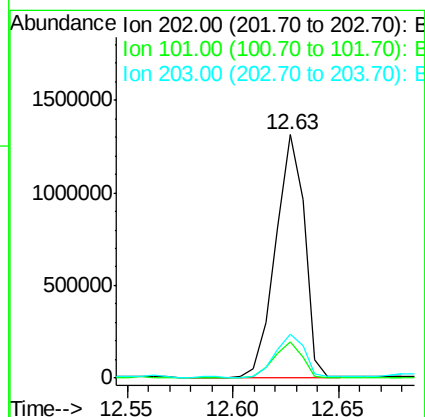
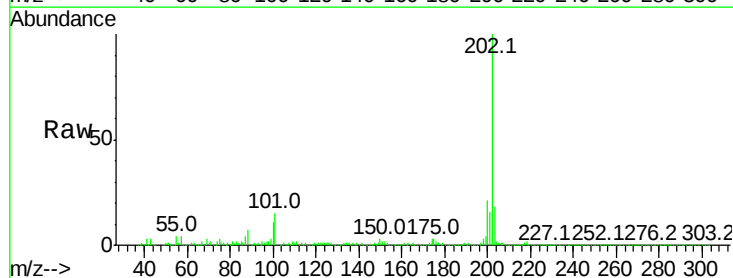
#72
 Carbazole
 Concen: 7.950 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

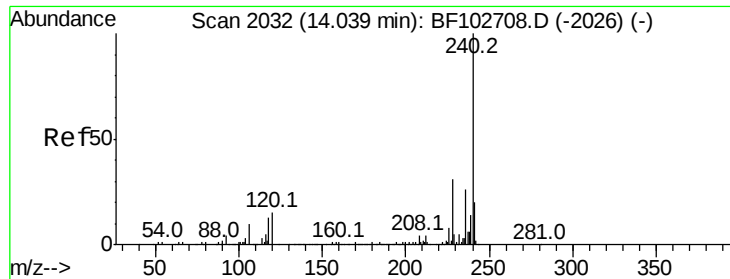
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.6	26.4
139	15.7	10.9	16.3



#74
 Fluoranthene
 Concen: 45.848 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

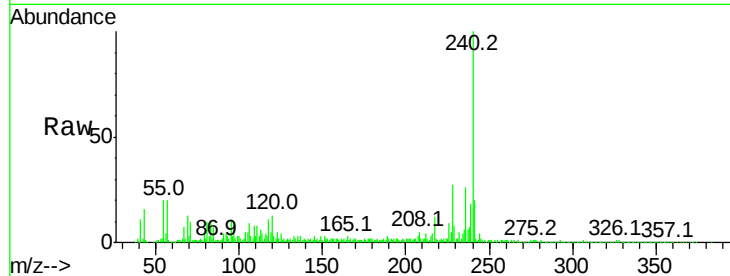
Delta R.T. 0.01 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tot Ion:240 Resp: 322495

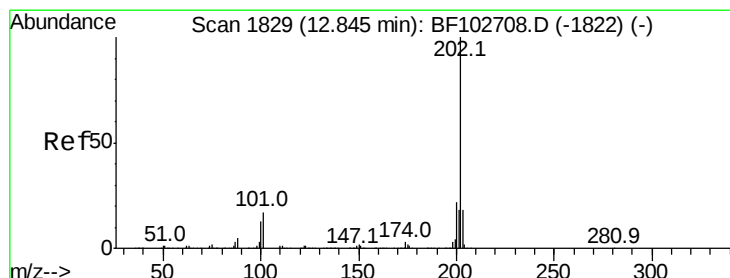
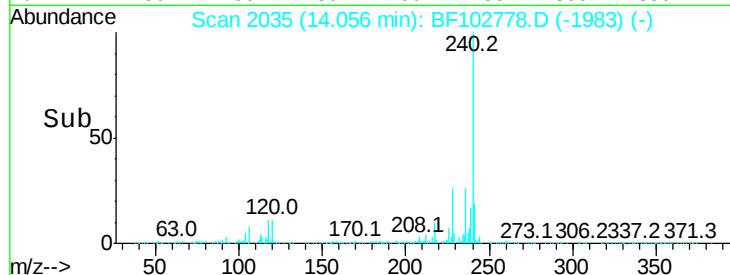
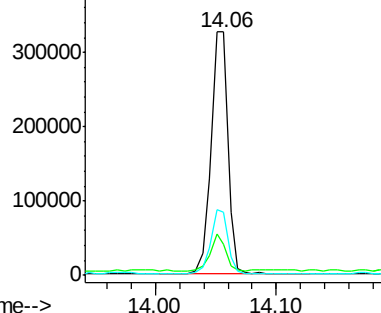
Ion	Ratio	Lower	Upper
240	100		
120	13.0	9.5	14.3
236	26.0	20.7	31.1



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: 44.366 ng

RT: 12.86 min Scan# 1831

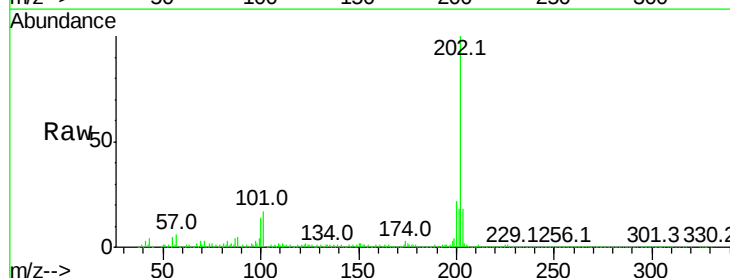
Delta R.T. 0.01 min

Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tgt Ion:202 Resp: 1121947

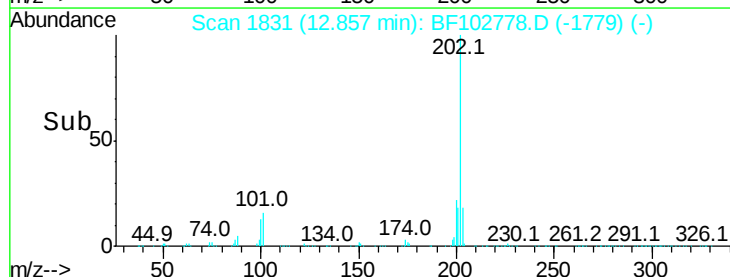
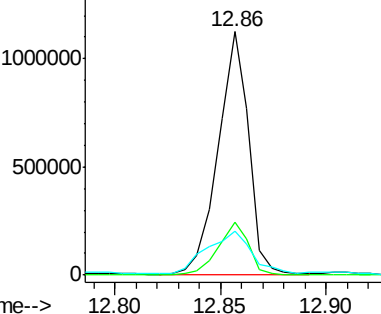
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.3	14.3	21.5

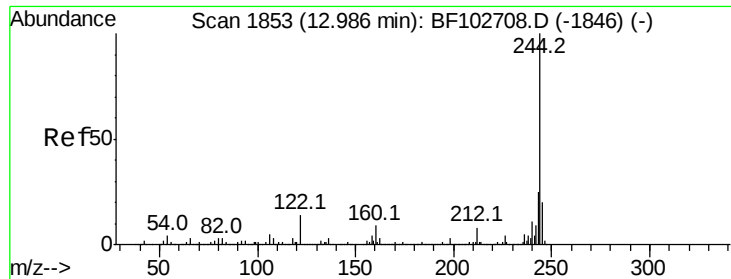


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

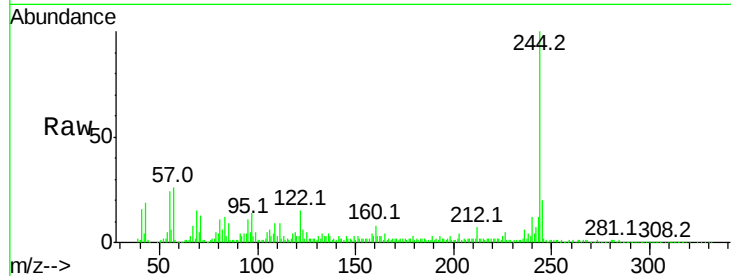
Ion 203.00 (202.70 to 203.70): E



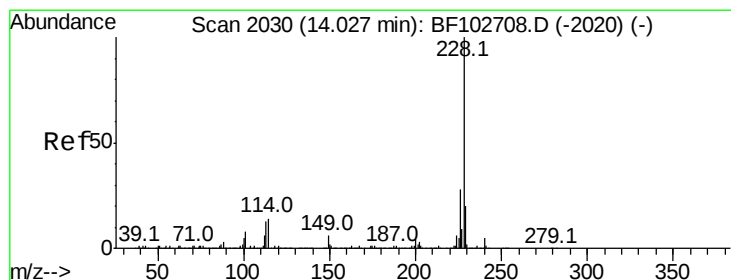
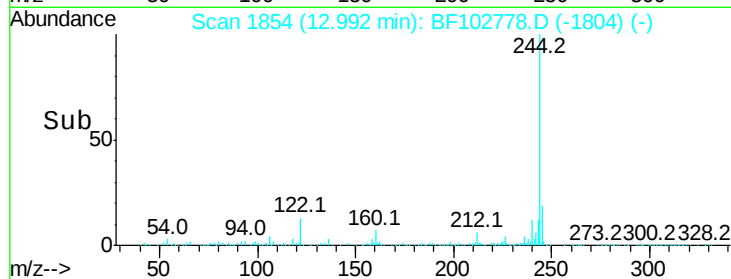
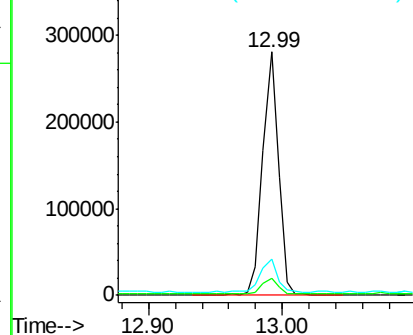


#78
 Terphenyl-d14
 Concen: 16.642 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	15.0	11.0	16.4

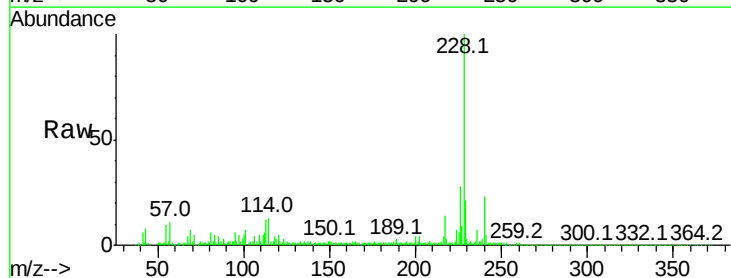


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

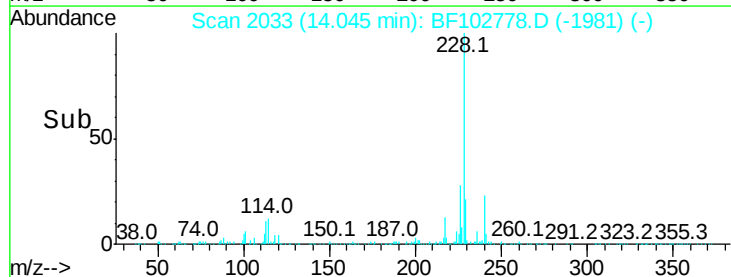
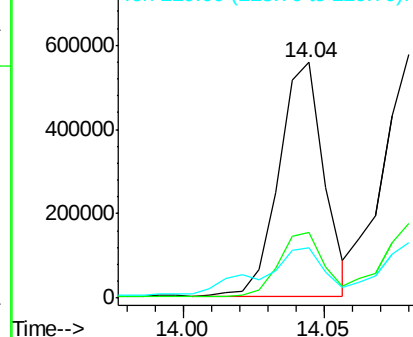


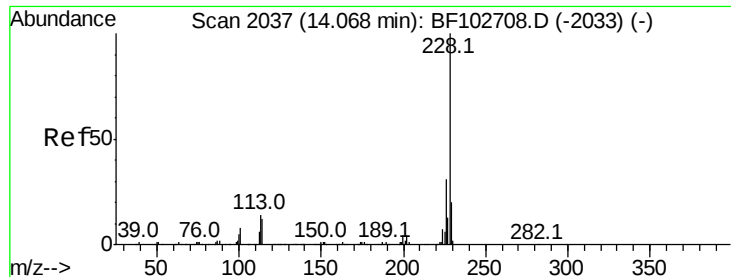
#80
 Benzo(a)anthracene
 Concen: 30.258 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF102778.D
 Acq: 6 Feb 2018 12:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	21.2	15.8	23.6



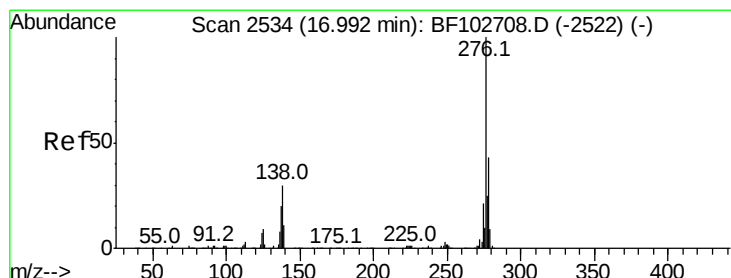
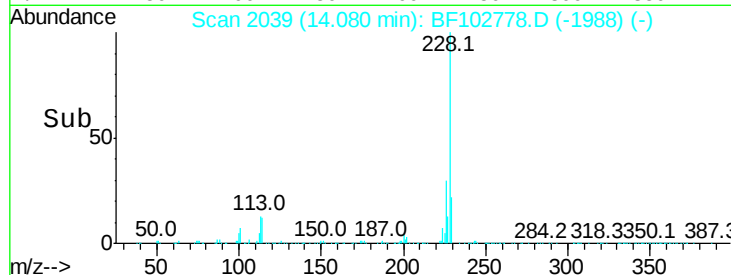
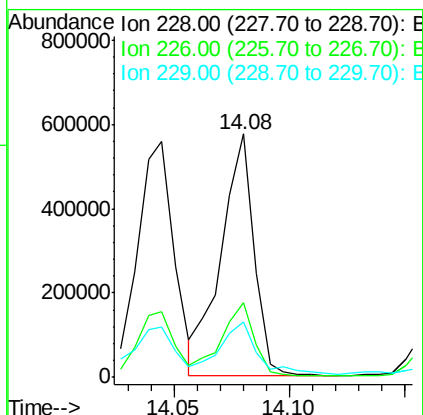
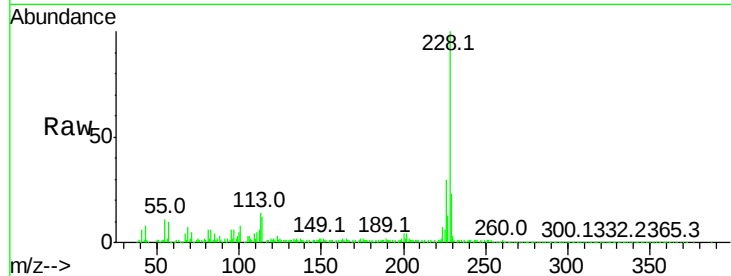
Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





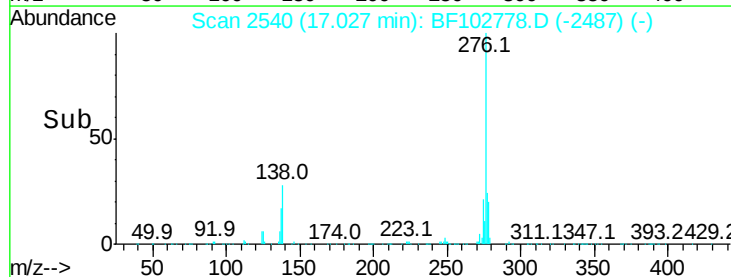
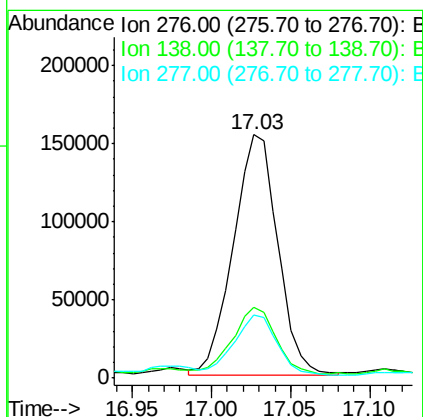
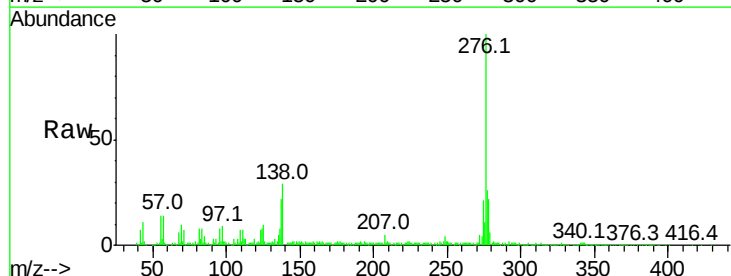
#82
Chrysene
Concen: 27.783 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

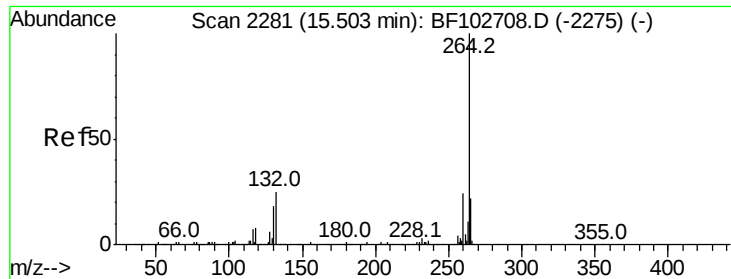
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	23.0	16.2	24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 17.694 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

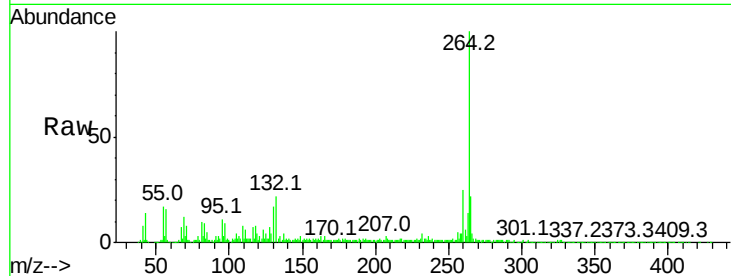
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	25.0	37.6
277	24.6	20.1	30.1



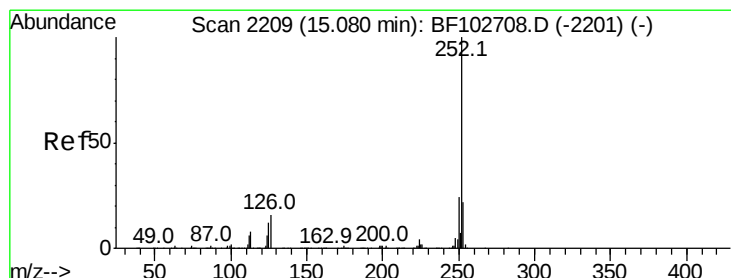
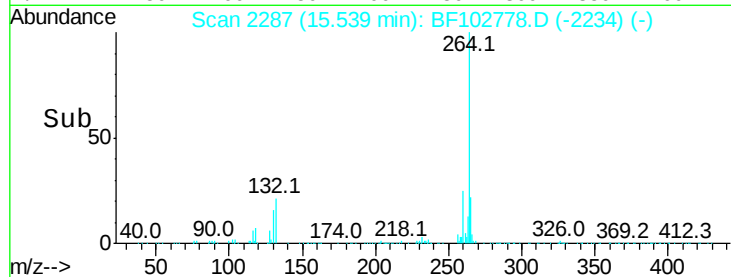
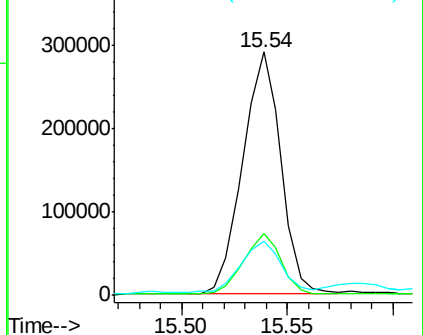


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	22.4	17.5	26.3

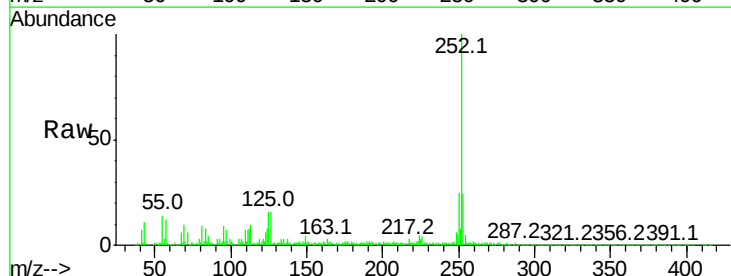


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

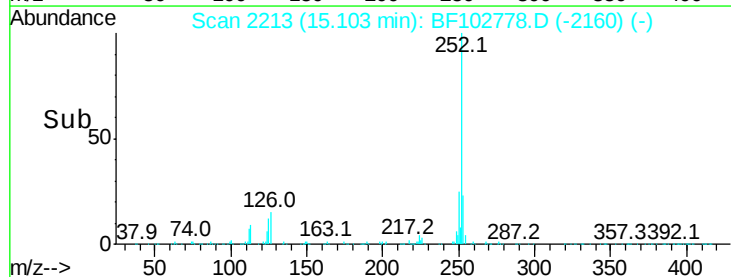
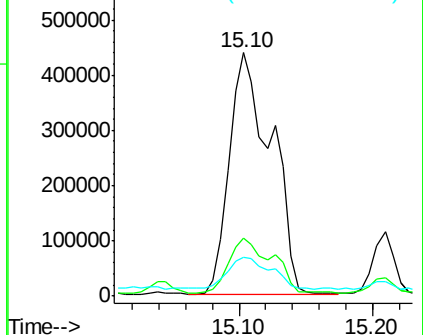


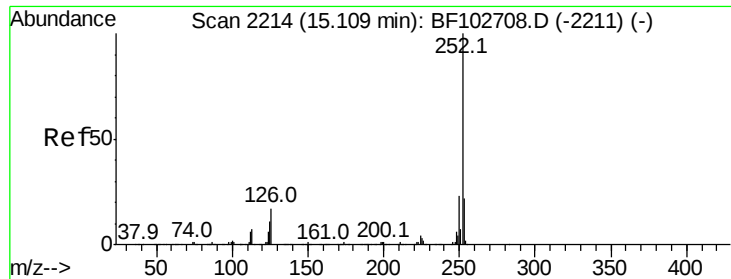
#87
Benzo(b)fluoranthene
Concen: 40.750 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.0	25.6
125	15.8	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: 42.649 ng

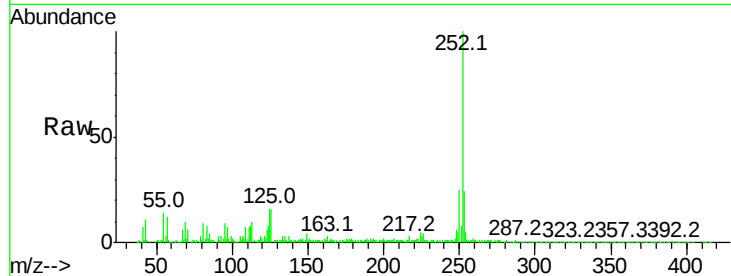
RT: 15.10 min Scan# 2213

Delta R.T. -0.02 min

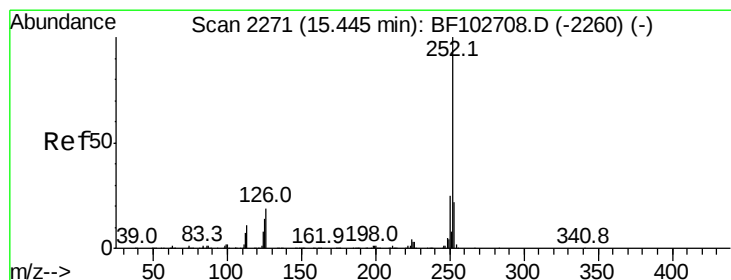
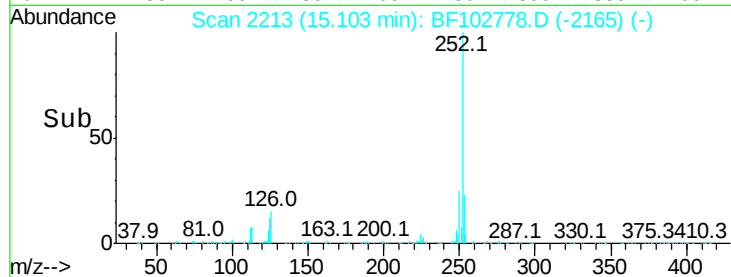
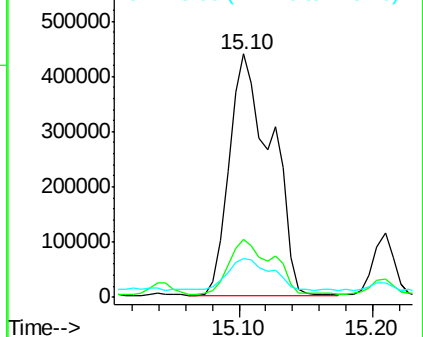
Lab File: BF102778.D

Acq: 6 Feb 2018 12:36

Tot Ion:	252	Resp:	962378
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.9	26.9
125	15.8	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: 25.469 ng

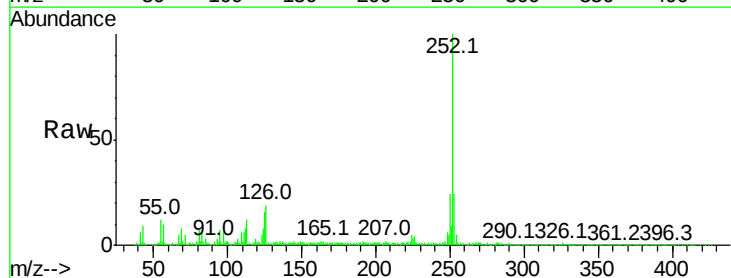
RT: 15.47 min Scan# 2276

Delta R.T. 0.01 min

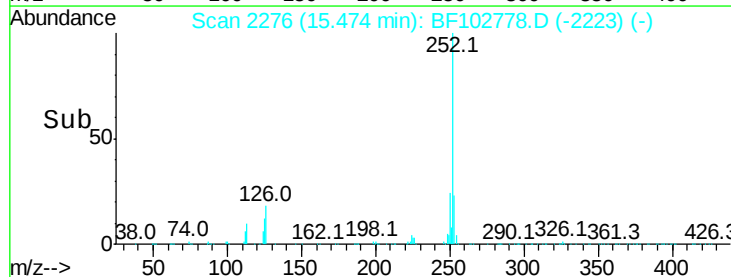
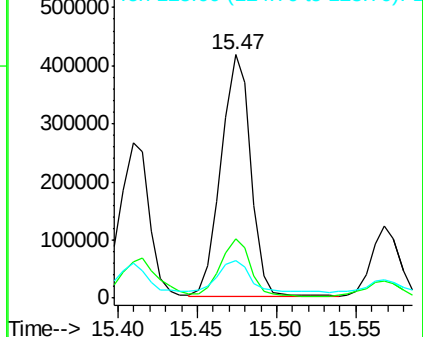
Lab File: BF102778.D

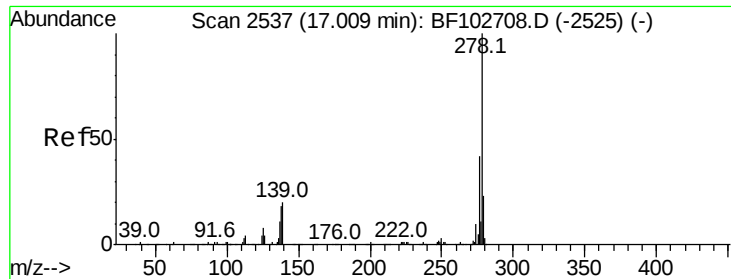
Acq: 6 Feb 2018 12:36

Tgt Ion:	252	Resp:	541421
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.1	25.7
125	15.6	9.8	14.6#



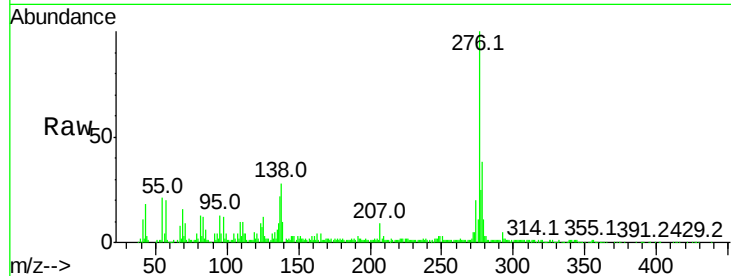
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



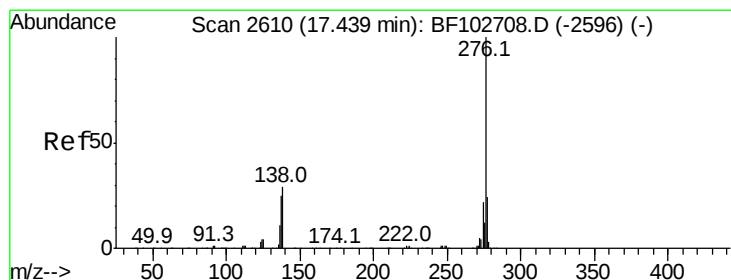
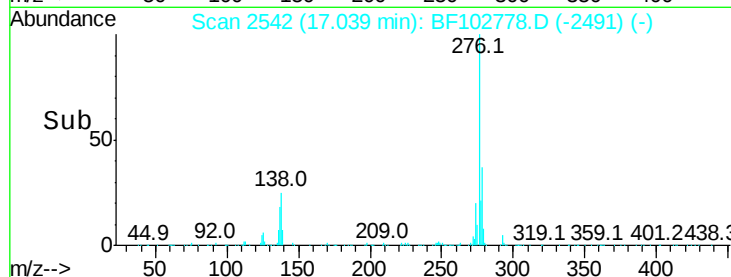
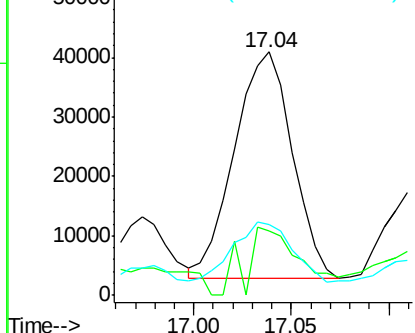


#90
Dibenzo(a,h)anthracene
Concen: 4.552 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.00 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.5	15.9	23.9
279	29.1	19.0	28.4

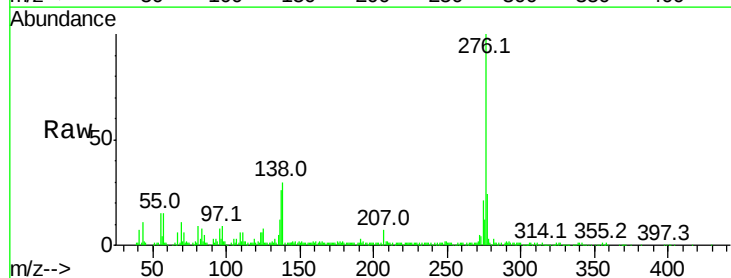


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 15.666 ng
RT: 17.48 min Scan# 2617
Delta R.T. 0.01 min
Lab File: BF102778.D
Acq: 6 Feb 2018 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.9	26.9
138	30.4	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

