

Data Path : U:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102779.D
 Acq On : 6 Feb 2018 13:03
 Operator : SJ/JU
 Sample : J1454-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 06 14:43:07 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	207346	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	849440	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	355959	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	471384	20.00	ng	0.00
75) Chrysene-d12	14.06	240	275518	20.00	ng	0.01
86) Perylene-d12	15.56	264	293740	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1314566	96.28	ng	0.01
7) Phenol-d6	6.51	99	1575209	95.82	ng	0.00
23) Nitrobenzene-d5	7.45	82	994179	81.19	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	245296	85.62	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1342746	62.59	ng	0.00
78) Terphenyl-d14	13.00	244	770310	66.20	ng	0.00

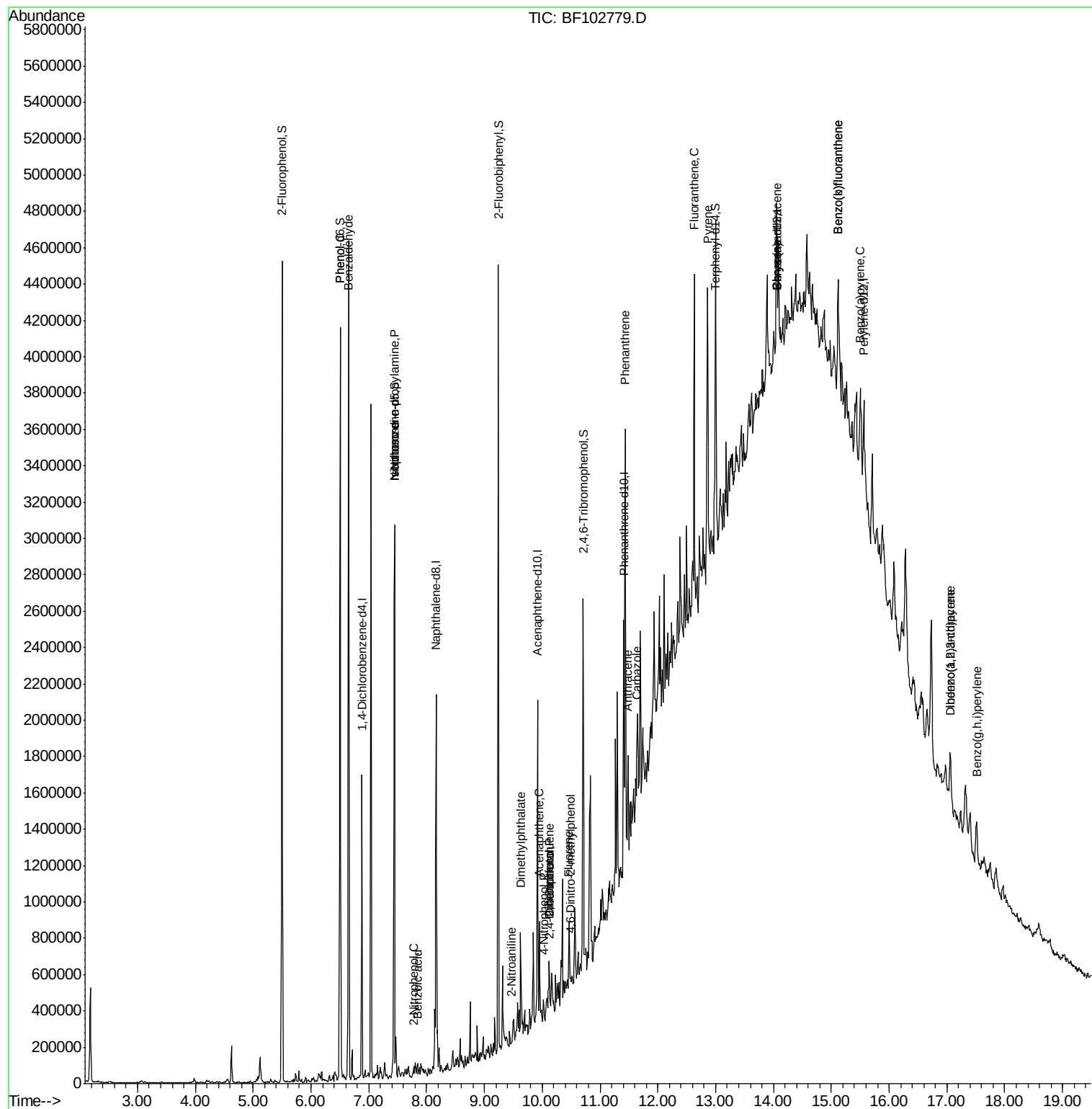
Target Compounds

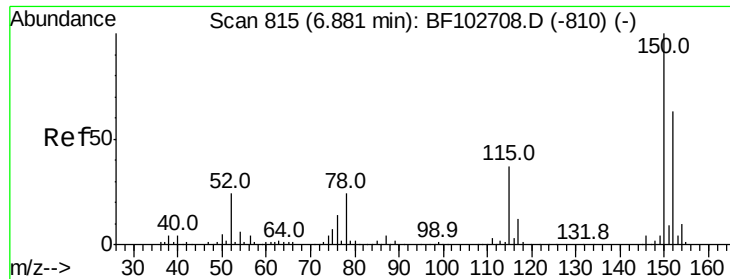
						Qvalue
9) Benzaldehyde	6.65	77	29232	2.394	ng	81
10) Phenol	6.52	94	40992	2.327	ng	# 58
19) n-Nitroso-di-n-propylamine	7.45	70	130434	12.034	ng	# 82
25) Isophorone	7.45	82	988045	35.042	ng	# 64
26) 2-Nitrophenol	7.77	139	382	8.719	ng	# 1
32) Benzoic acid	7.85	122	11026	9.806	ng	99
47) 2-Nitroaniline	9.47	65	353	3.517	ng	# 14
49) Dimethylphthalate	9.63	163	122016	4.396	ng	# 99
51) Acenaphthene	9.95	154	90223	4.115	ng	100
53) 2,4-Dinitrophenol	10.13	184	225	8.162	ng	# 1
54) Dibenzofuran	10.12	168	65980	2.136	ng	# 91
55) 4-Nitrophenol	10.02	139	2512	4.471	ng	# 1
56) 2,4-Dinitrotoluene	10.12	165	1514	3.276	ng	# 18
57) Fluorene	10.47	166	89136	3.965	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	449	9.004	ng	# 1
70) Phenanthrene	11.43	178	892061	33.979	ng	99
71) Anthracene	11.48	178	196367	7.354	ng	98
72) Carbazole	11.63	167	108328	4.141	ng	# 94
74) Fluoranthene	12.63	202	934189	35.368	ng	98
77) Pyrene	12.86	202	841745	38.961	ng	98
80) Benzo(a)anthracene	14.05	228	314538	18.153	ng	96
82) Chrysene	14.05	228	314538	18.008	ng	95
85) Indeno(1,2,3-cd)pyrene	17.06	276	197612	13.641	ng	96
87) Benzo(b)fluoranthene	15.12	252	538534	28.278	ng	# 79
88) Benzo(k)fluoranthene	15.12	252	538534	29.595	ng	# 82
89) Benzo(a)pyrene	15.49	252	303097	17.681	ng	# 82
90) Dibenzo(a,h)anthracene	17.07	278	45393	3.262	ng	# 52
91) Benzo(g,h,i)perylene	17.52	276	199704	14.664	ng	98

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

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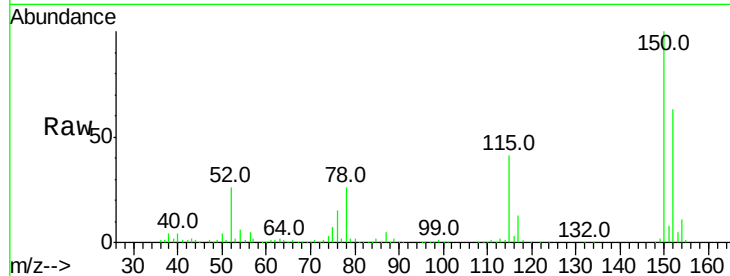




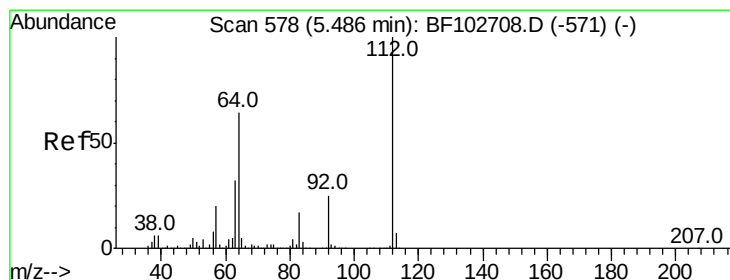
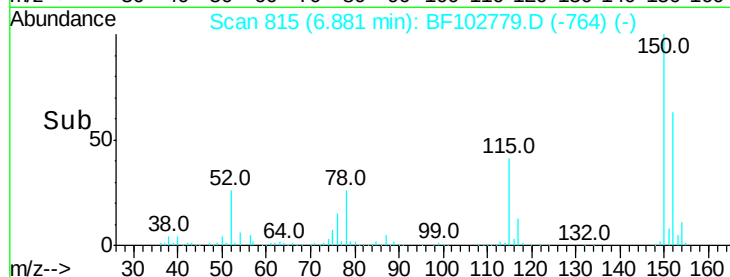
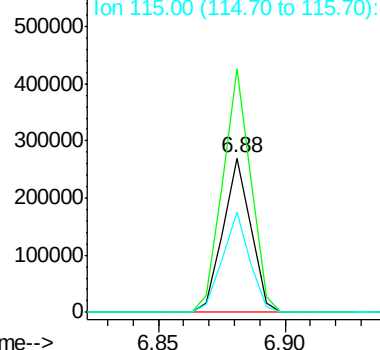
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	65.1	50.1	75.1



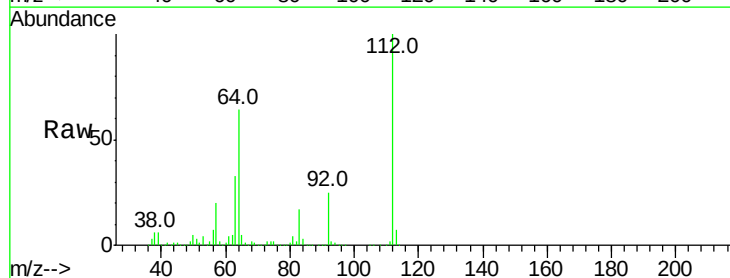
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



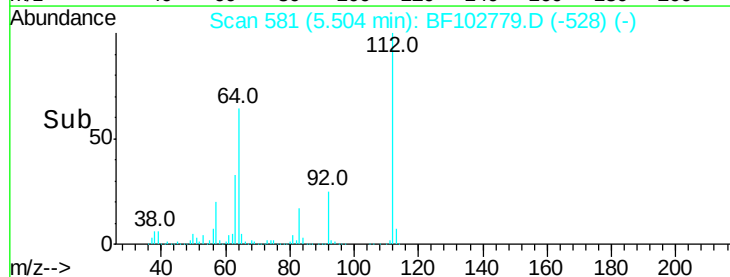
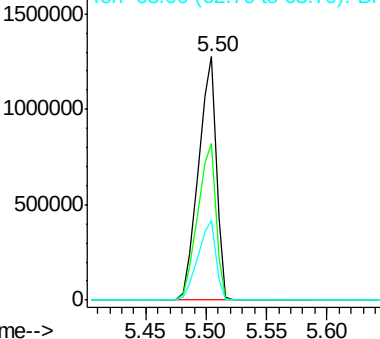
#5

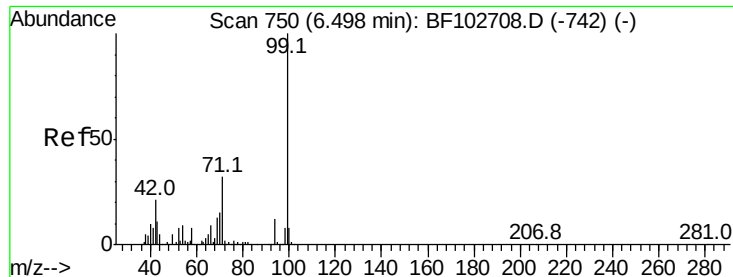
2-Fluorophenol
Concen: 96.283 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	32.7	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: 95.820 ng

RT: 6.51 min Scan# 752

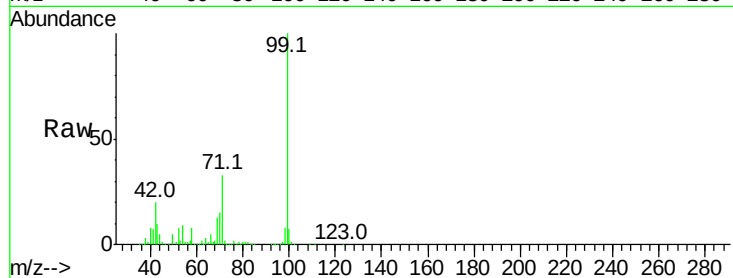
Delta R.T. 0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tot Ion: 99 Resp: 1575209

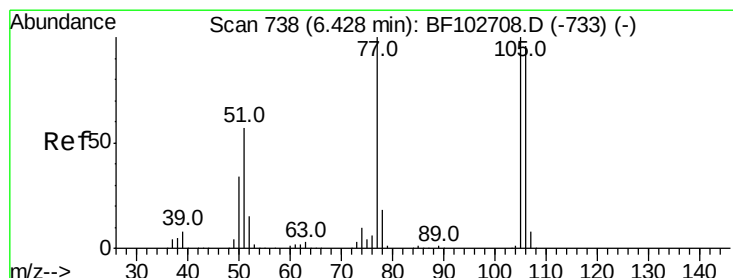
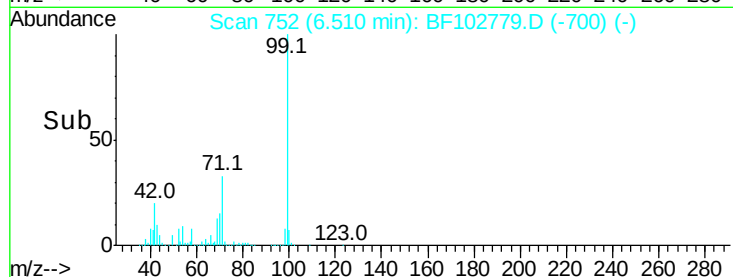
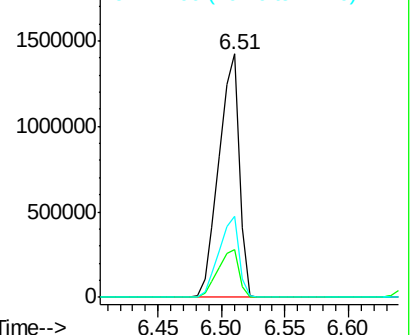
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	33.1	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.394 ng

RT: 6.65 min Scan# 776

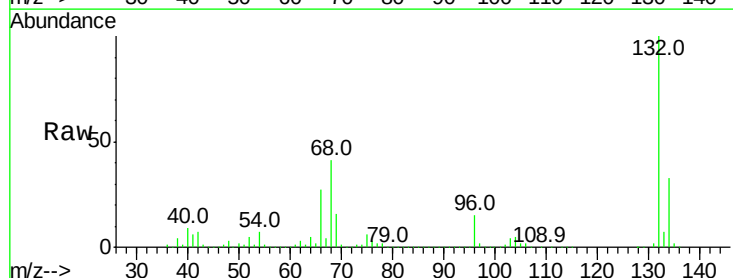
Delta R.T. 0.22 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tgt Ion: 77 Resp: 29232

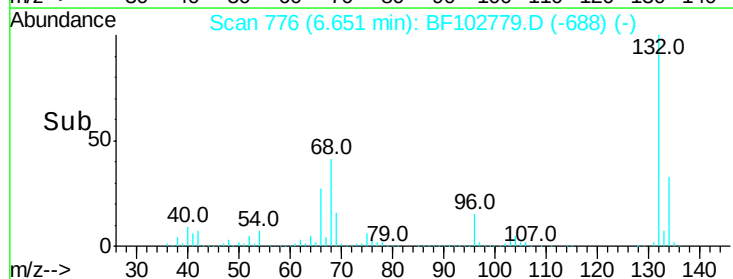
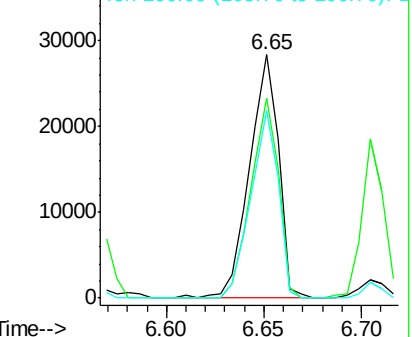
Ion	Ratio	Lower	Upper
77	100		
105	81.9	81.1	121.1
106	76.7	74.5	114.5

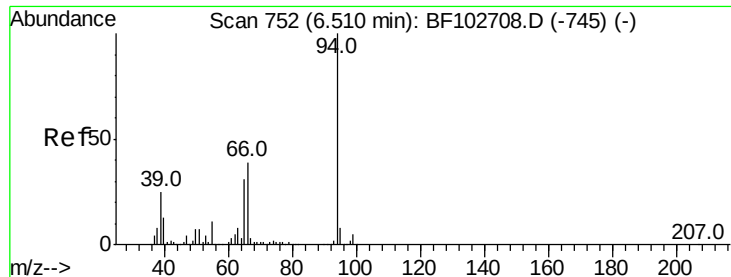


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.327 ng

RT: 6.52 min Scan# 753

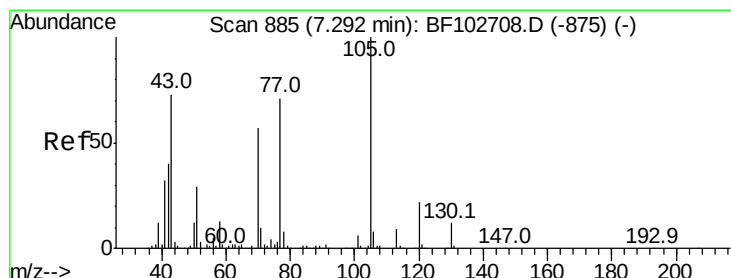
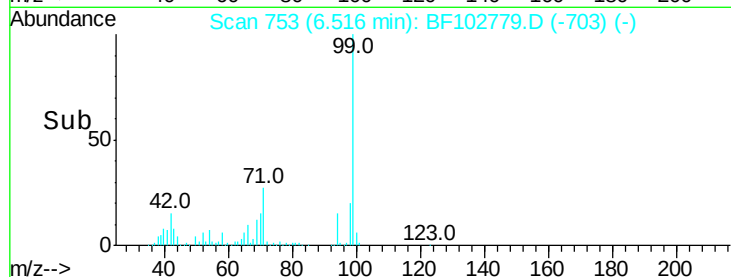
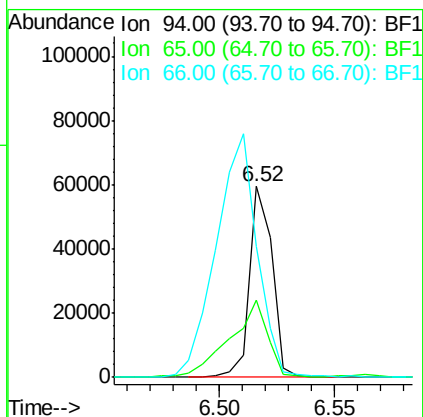
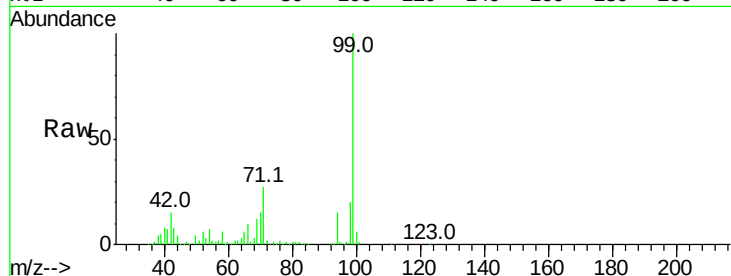
Delta R.T. -0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tot Ion: 94 Resp: 40992

Ion	Ratio	Lower	Upper
94	100		
65	40.3	7.9	47.9
66	68.9	16.2	56.2#



#19

n-Nitroso-di-n-propylamine

Concen: 12.034 ng

RT: 7.45 min Scan# 911

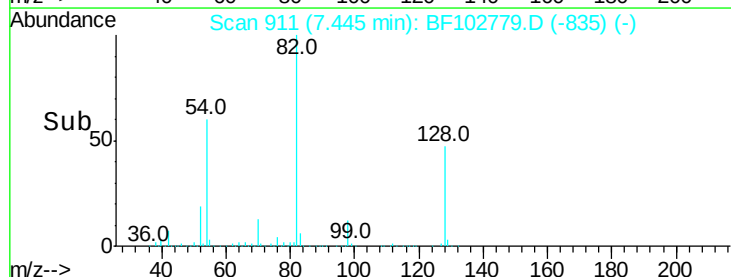
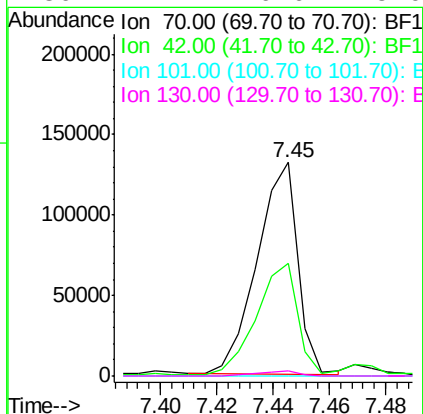
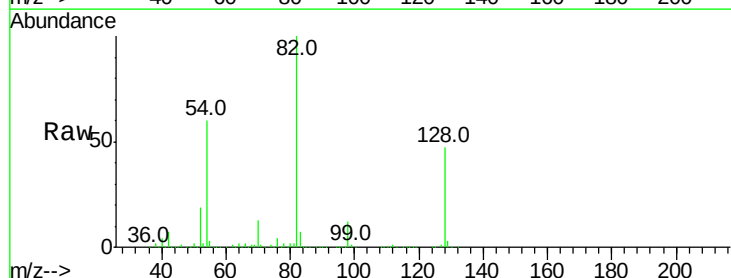
Delta R.T. 0.15 min

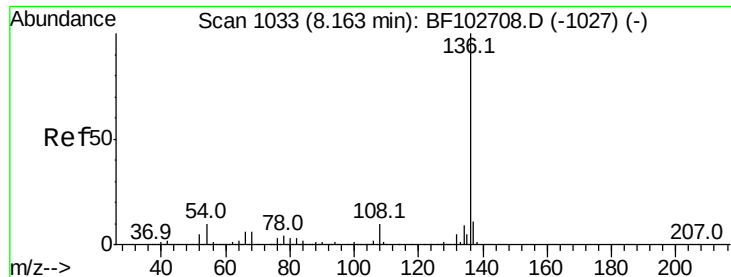
Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tgt Ion: 70 Resp: 130434

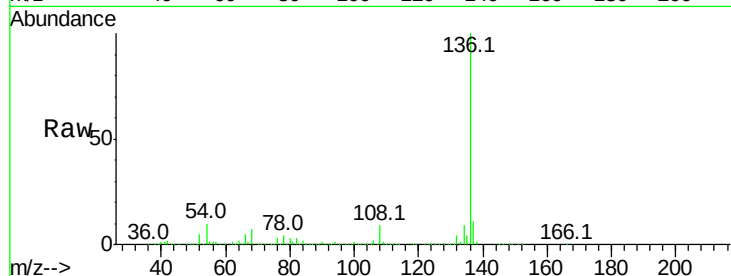
Ion	Ratio	Lower	Upper
70	100		
42	52.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



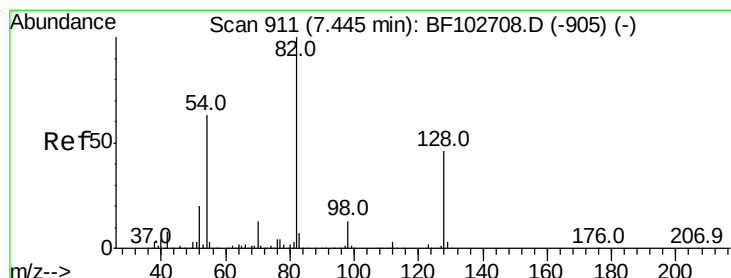
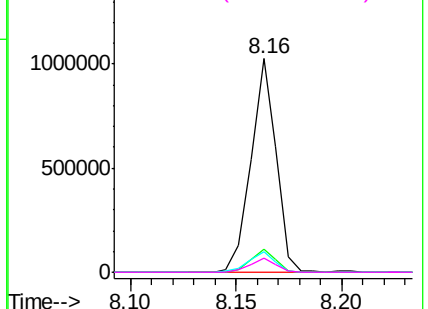
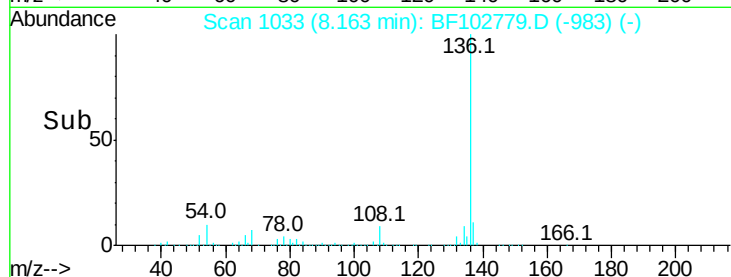


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tot Ion:136	Resp:	849440
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.6	6.6 9.8
68	6.6	5.0 7.4

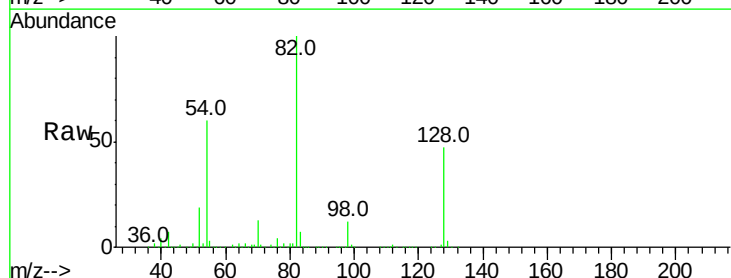


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

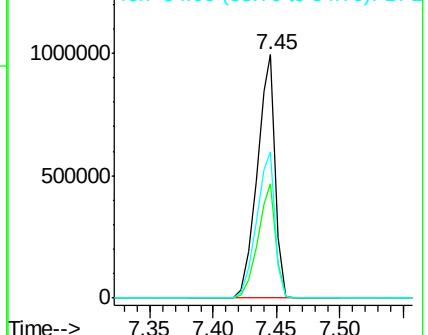
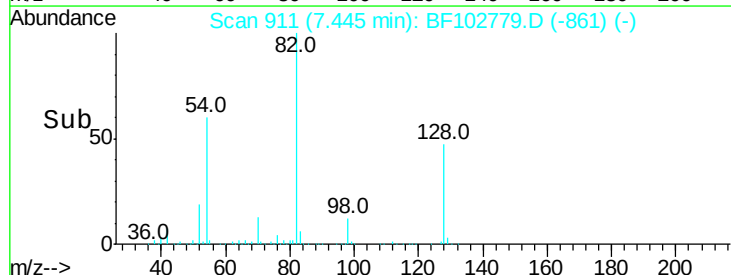


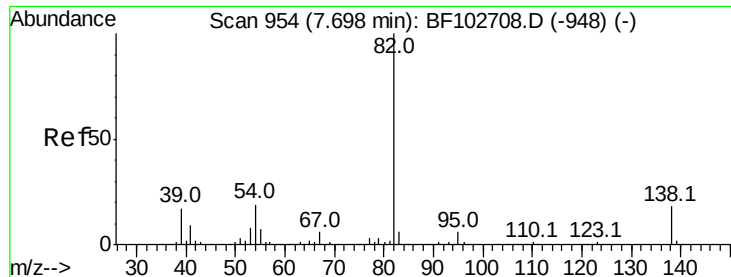
#23
Nitrobenzene-d5
Concen: 81.191 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tgt Ion: 82	Resp:	994179
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	59.9	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: 35.042 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

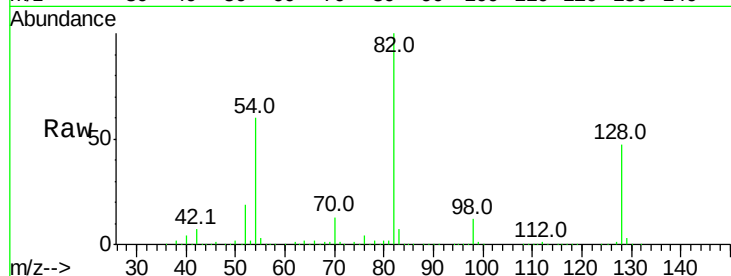
Tot Ion: 82 Resp: 988045

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

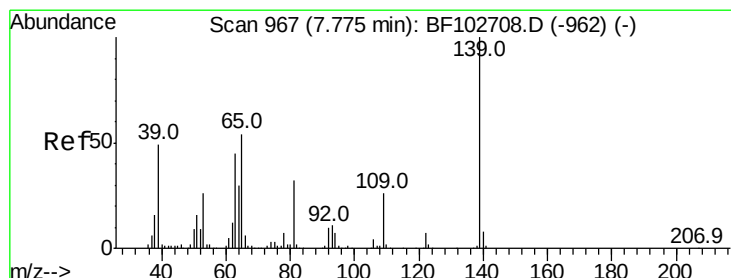
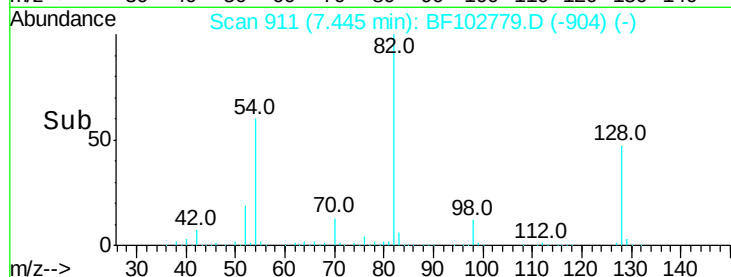
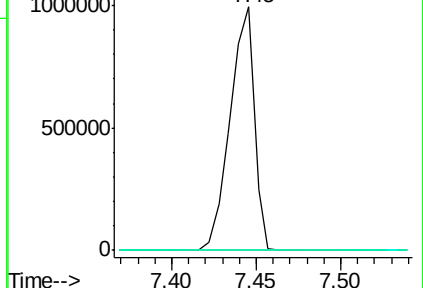
138 0.0 14.9 22.3#



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



#26

2-Nitrophenol

Concen: 8.719 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

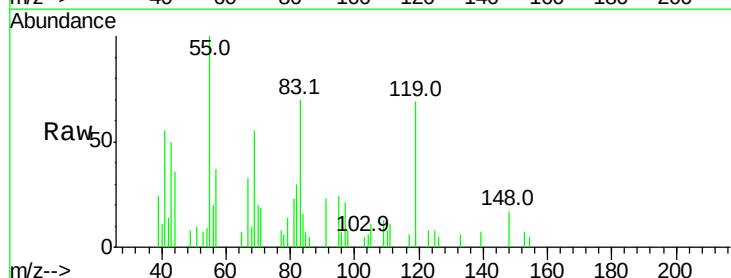
Tgt Ion: 139 Resp: 382

Ion Ratio Lower Upper

139 100

109 182.3 22.7 34.1#

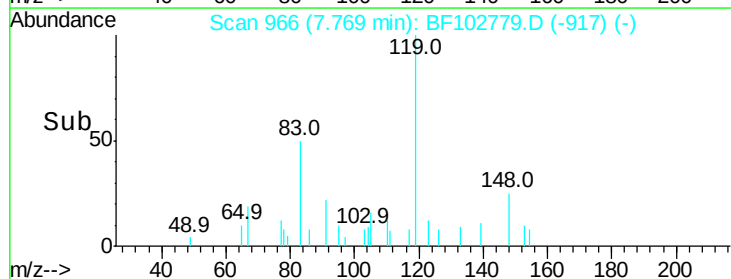
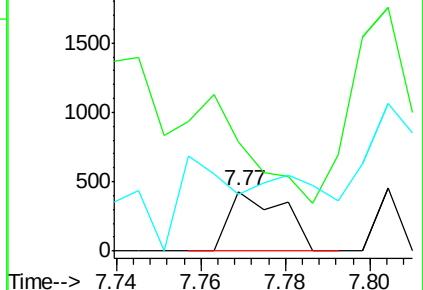
65 94.2 40.5 60.7#

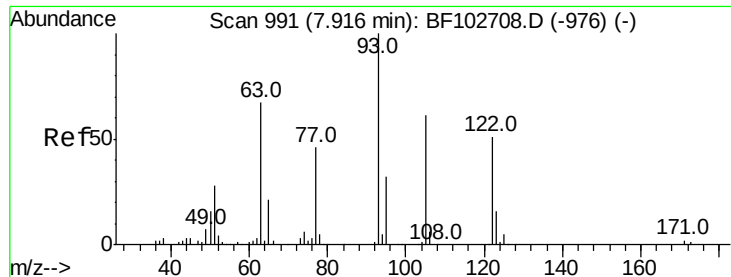


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

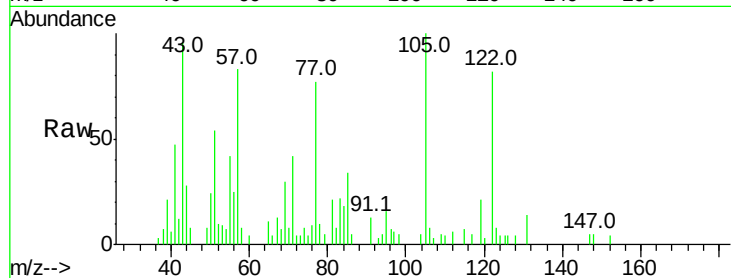
Ion 65.00 (64.70 to 65.70): BF1



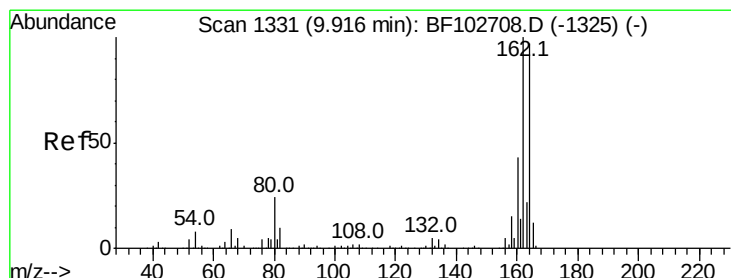
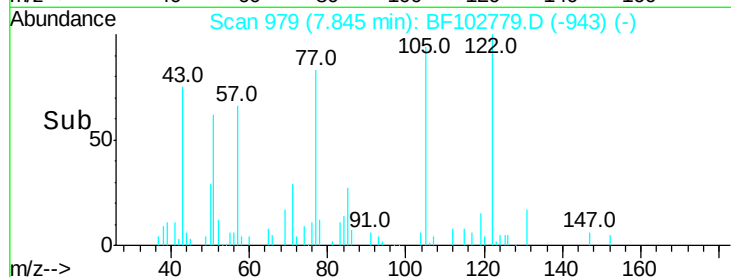
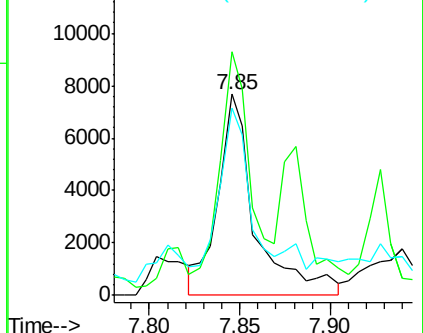


#32
Benzoic acid
Concen: 9.806 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.09 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tot Ion:122 Resp: 11026
Ion Ratio Lower Upper
122 100
105 121.2 101.1 141.1
77 93.4 70.7 110.7

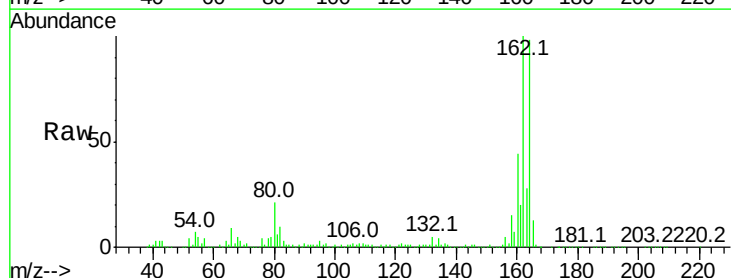


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

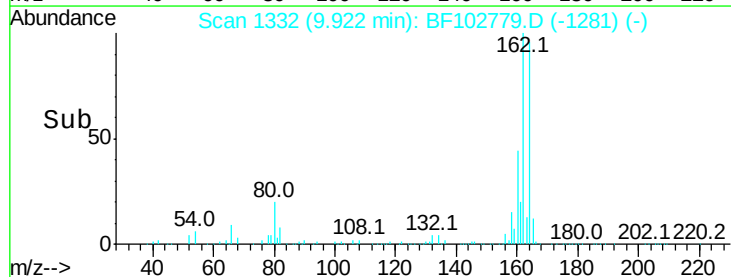
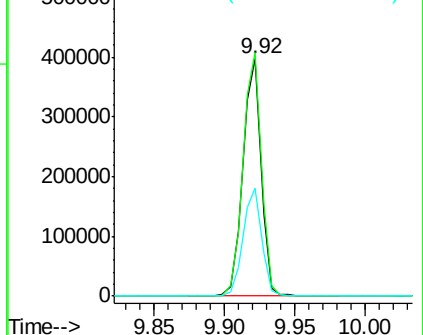


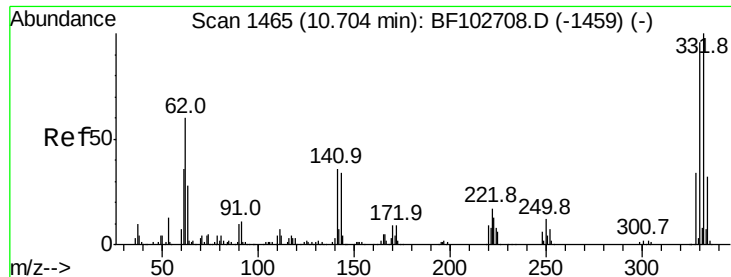
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tgt Ion:164 Resp: 355959
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.4 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: 85.617 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

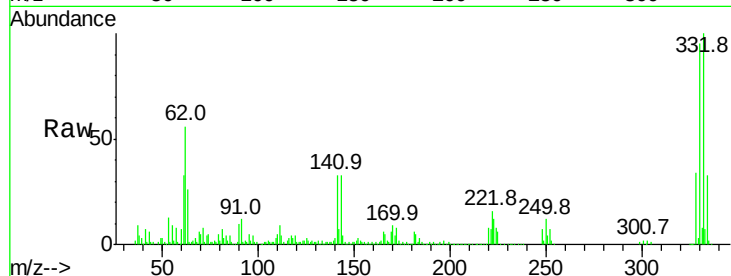
Tot Ion:330 Resp: 245296

Ion Ratio Lower Upper

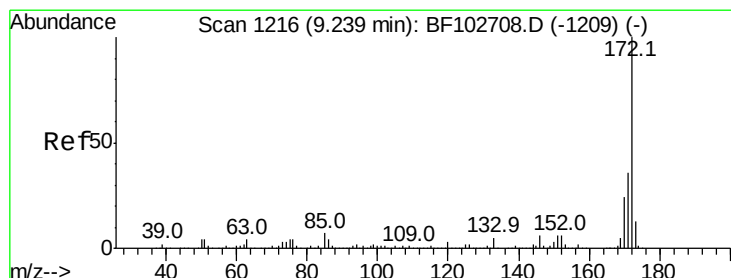
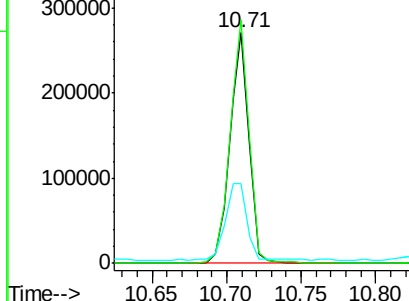
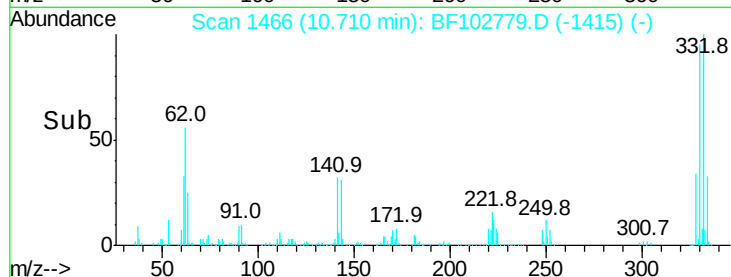
330 100

332 105.4 77.0 115.6

141 38.3 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: 62.594 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

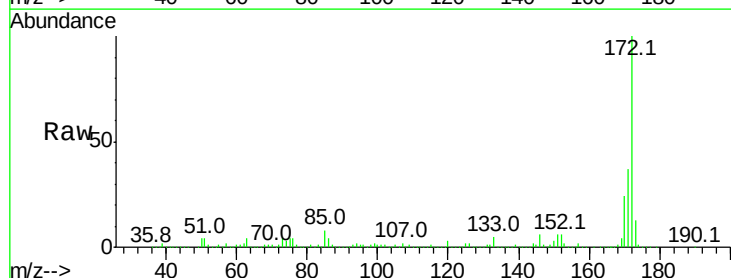
Tgt Ion:172 Resp: 1342746

Ion Ratio Lower Upper

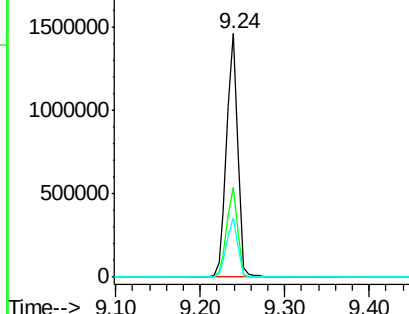
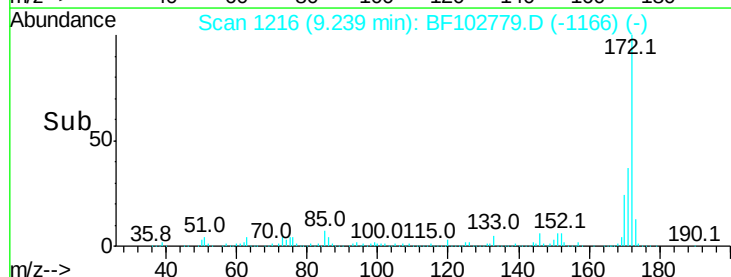
172 100

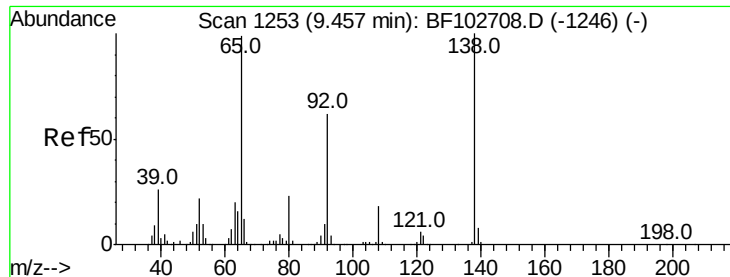
171 37.0 29.7 44.5

170 24.5 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: 3.517 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

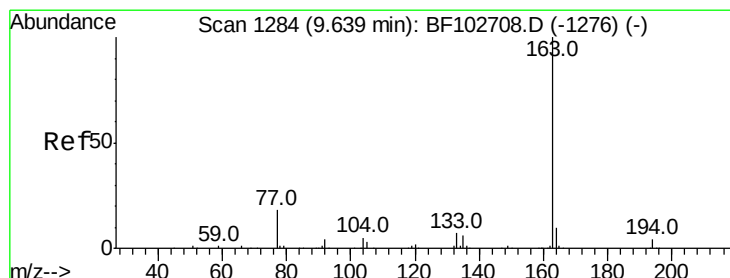
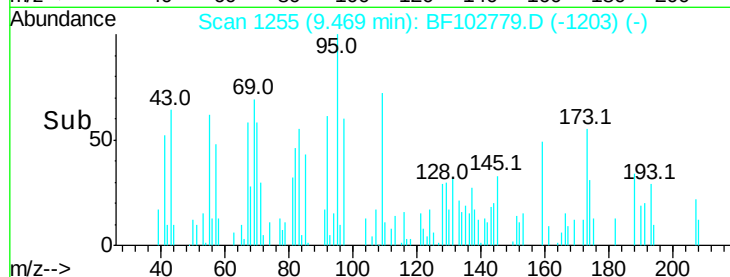
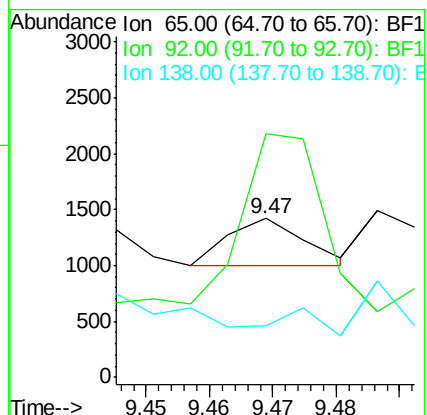
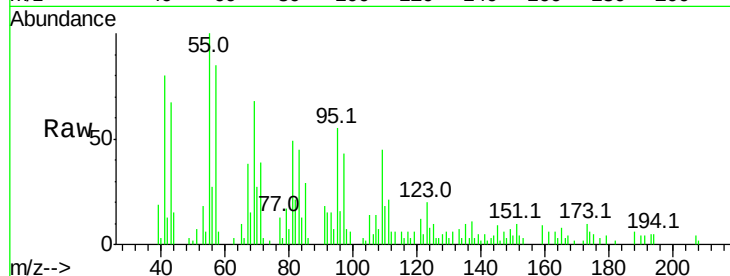
Tot Ion: 65 Resp: 353

Ion Ratio Lower Upper

65 100

92 153.4 55.8 83.6#

138 32.7 91.2 136.8#



#49

Dimethylphthalate

Concen: 4.396 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

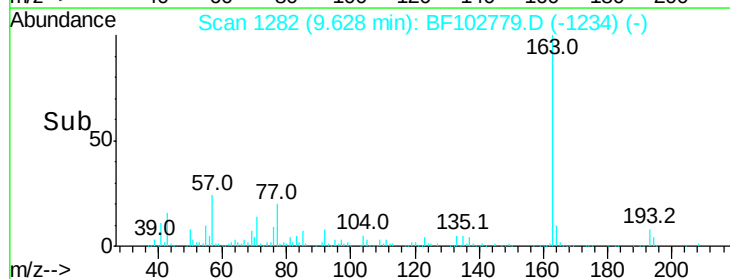
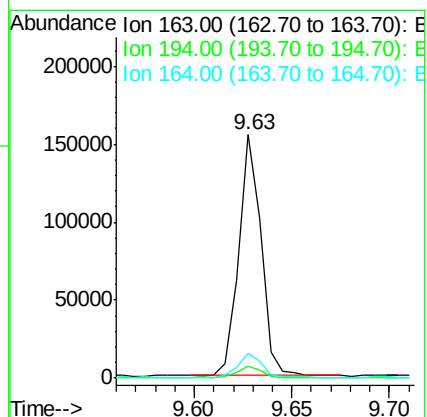
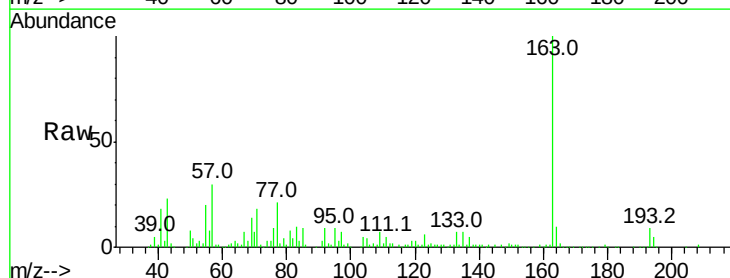
Tgt Ion: 163 Resp: 122016

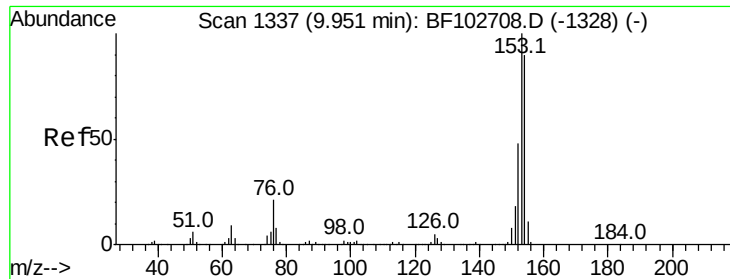
Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

164 9.9 8.2 12.2





#51

Acenaphthene

Concen: 4.115 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

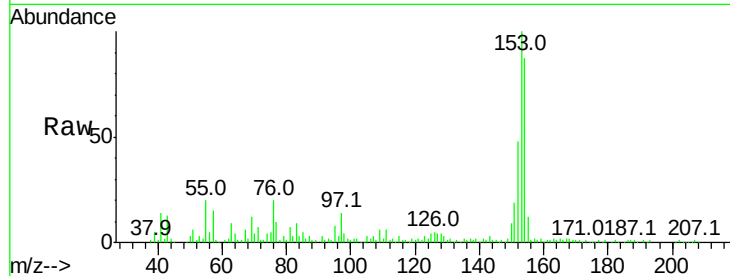
Tot Ion:154 Resp: 90223

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

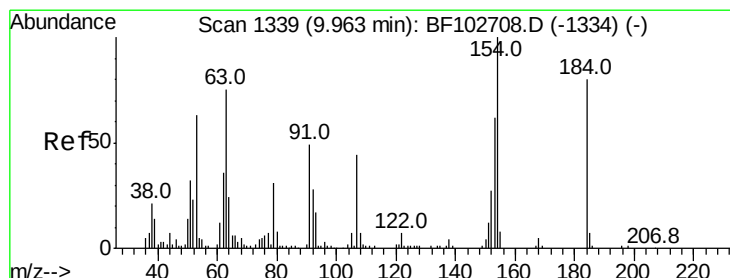
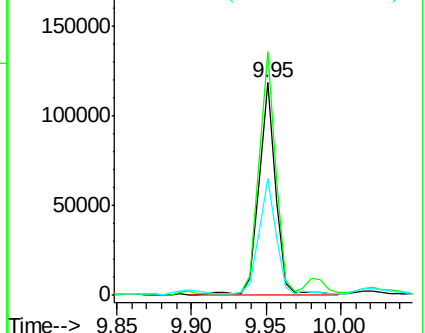
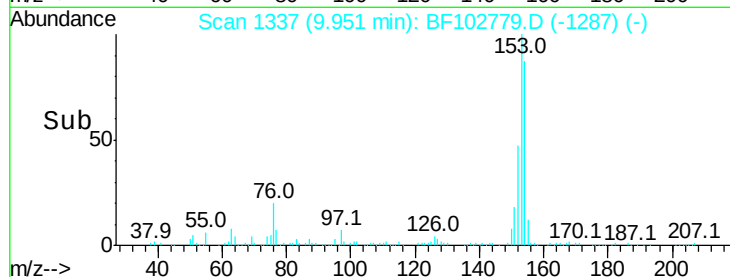
152 54.7 43.8 65.8



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: 8.162 ng

RT: 10.13 min Scan# 1368

Delta R.T. 0.16 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

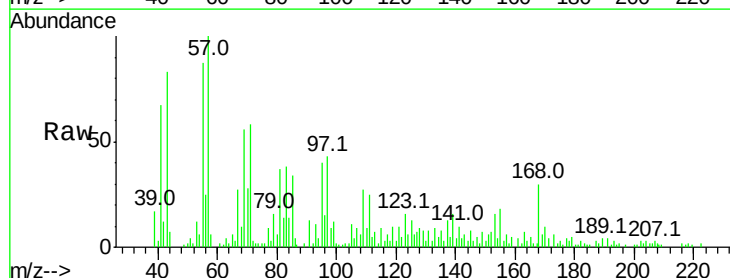
Tgt Ion:184 Resp: 225

Ion Ratio Lower Upper

184 100

63 379.3 54.2 81.2#

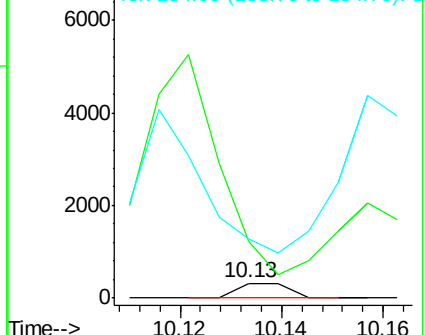
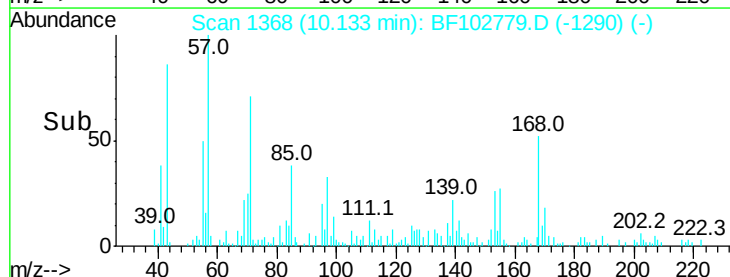
154 392.0 184.0 276.0#

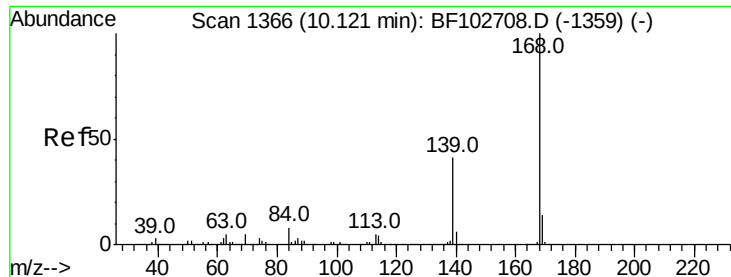


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

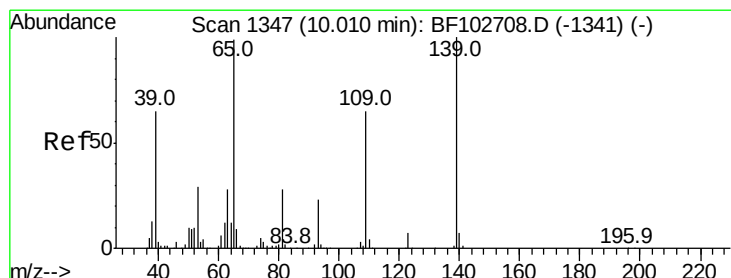
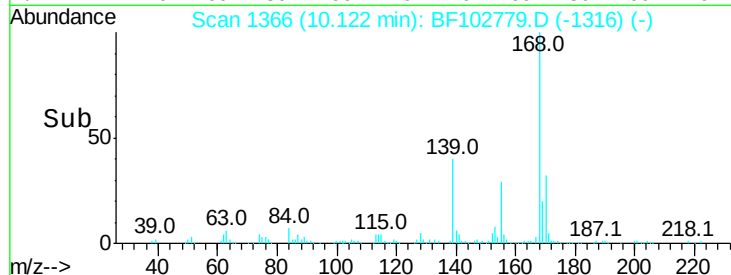
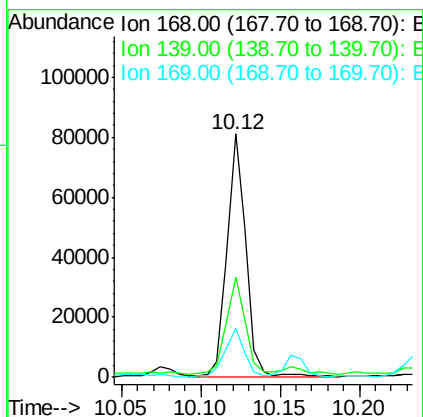
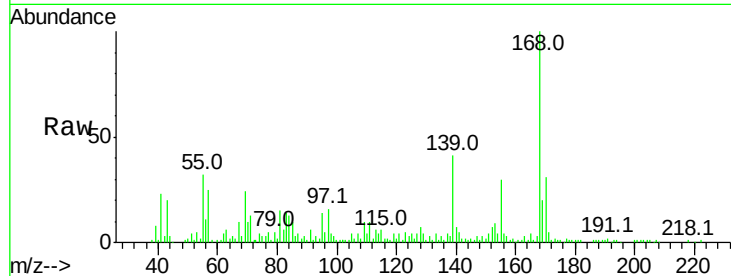
Ion 154.00 (153.70 to 154.70): E





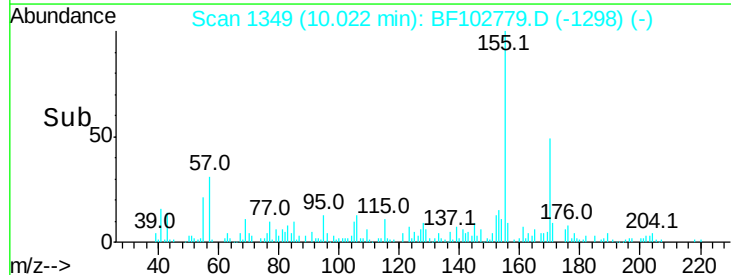
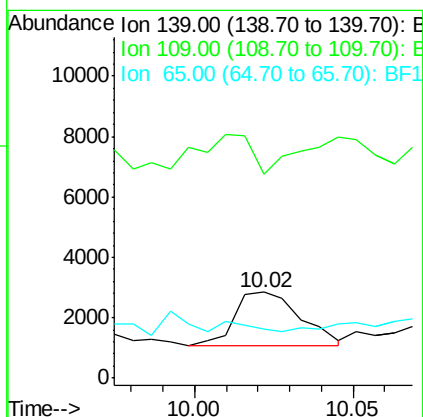
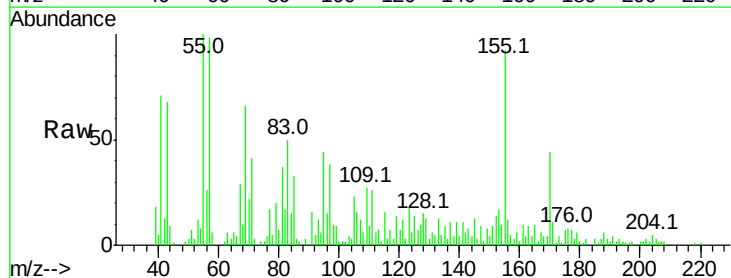
#54
Dibenzenofuran
Concen: 2.136 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

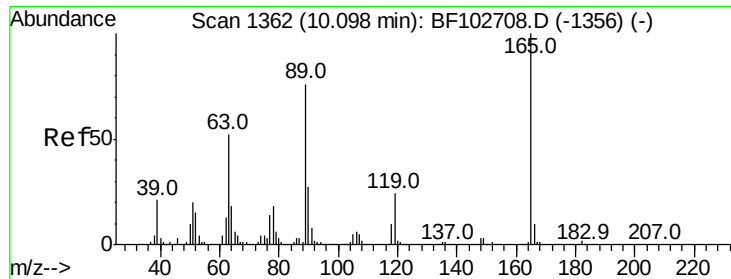
Tot Ion:168 Resp: 65980
Ion Ratio Lower Upper
168 100
139 41.1 30.1 45.1
169 20.1 10.9 16.3#



#55
4-Nitrophenol
Concen: 4.471 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

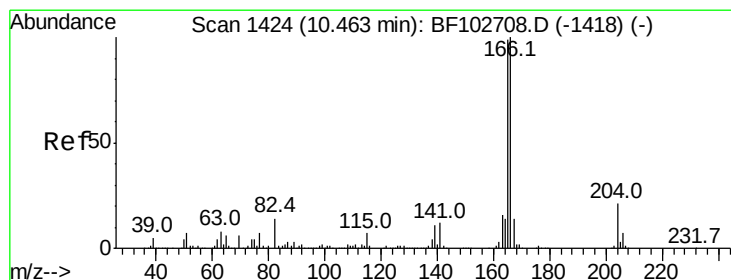
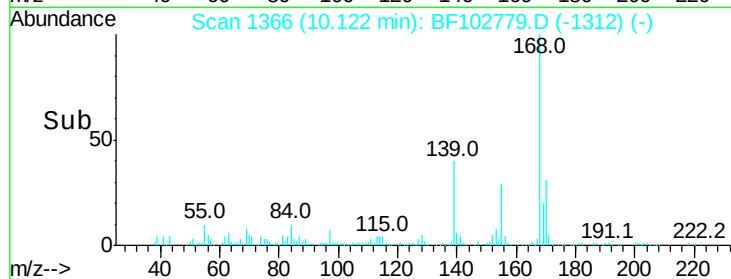
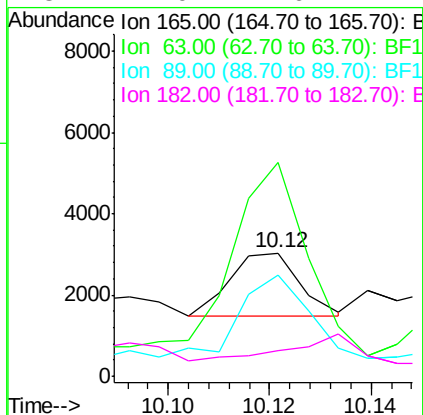
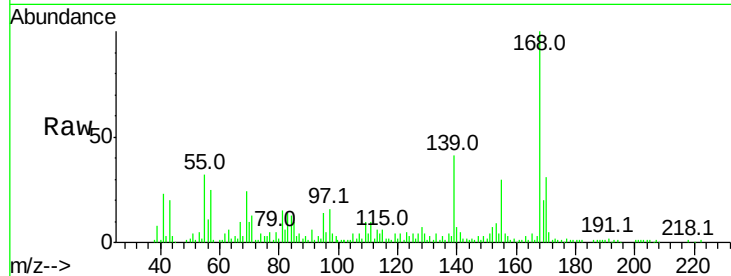
Tgt Ion:139 Resp: 2512
Ion Ratio Lower Upper
139 100
109 237.5 48.4 88.4#
65 57.4 72.6 112.6#





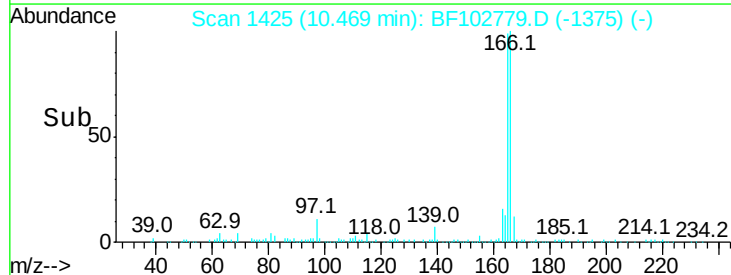
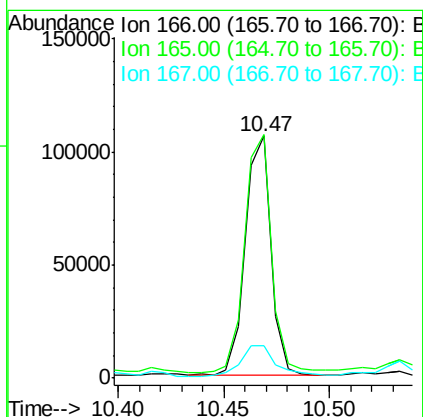
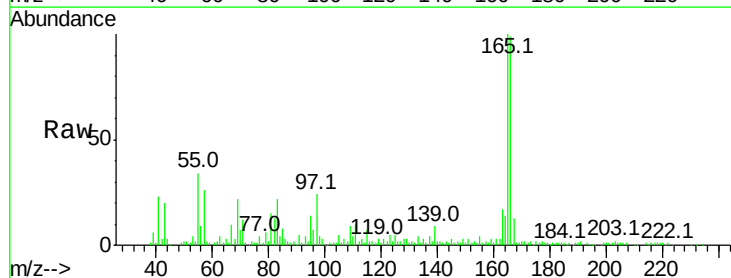
#56
2,4-Dinitrotoluene
Concen: 3.276 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

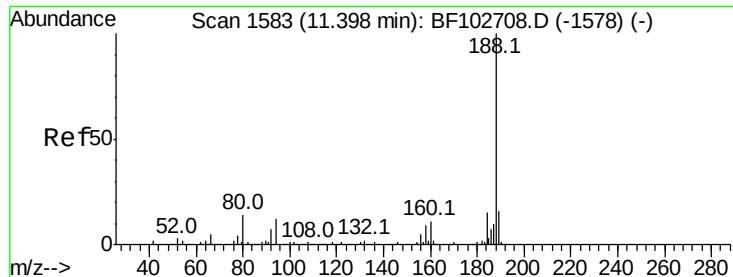
Tot Ion:165 Resp: 1514
Ion Ratio Lower Upper
165 100
63 173.6 36.4 54.6#
89 82.3 57.8 86.6
182 21.0 1.6 2.4#



#57
Fluorene
Concen: 3.965 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

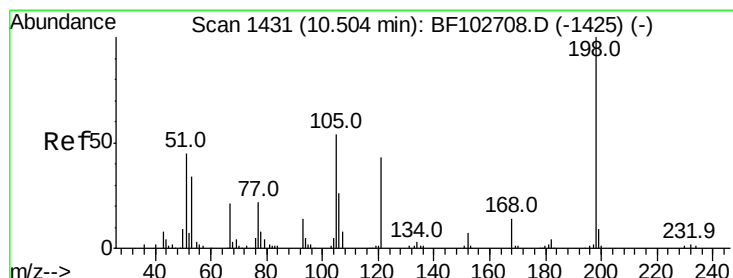
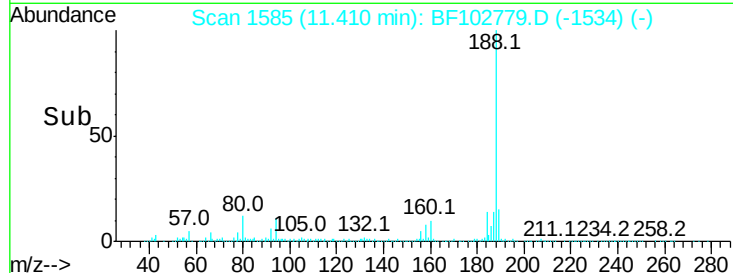
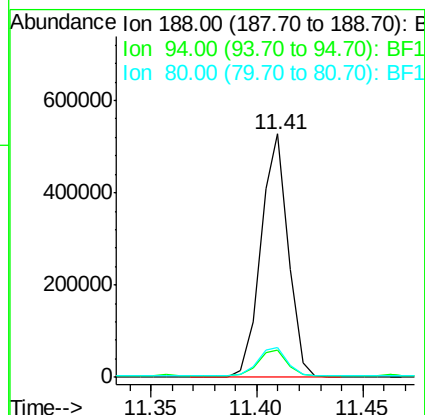
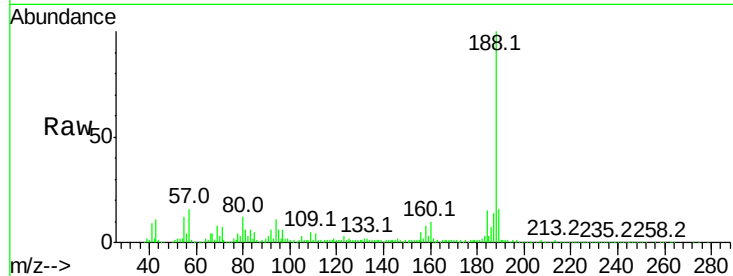
Tgt Ion:166 Resp: 89136
Ion Ratio Lower Upper
166 100
165 100.5 79.8 119.8
167 13.5 10.6 16.0





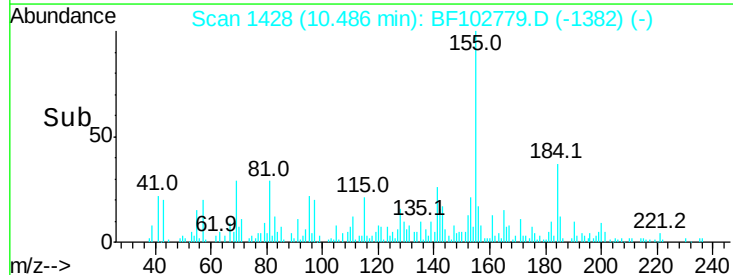
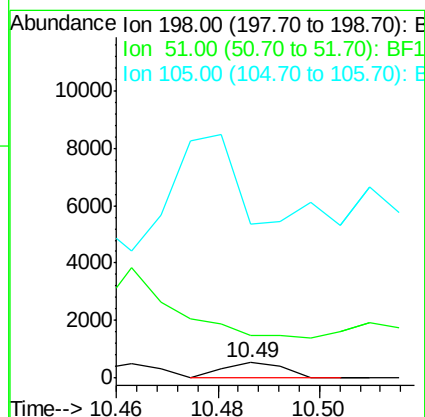
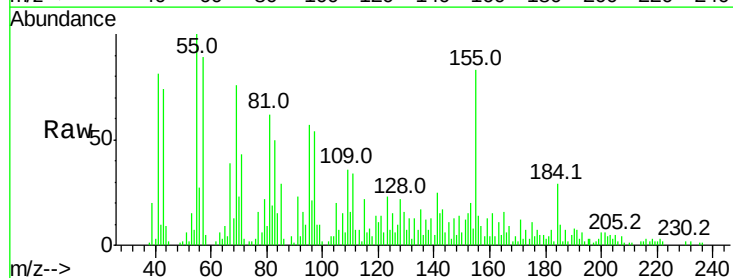
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

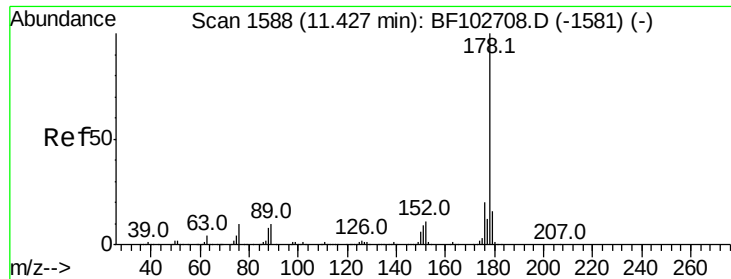
Tot Ion:188 Resp: 471384
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 9.004 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.03 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tgt Ion:198 Resp: 449
Ion Ratio Lower Upper
198 100
51 273.9 37.7 77.7#
105 1003.4 36.3 76.3#





#70

Phenanthrene

Concen: 33.979 ng

RT: 11.43 min Scan# 1589

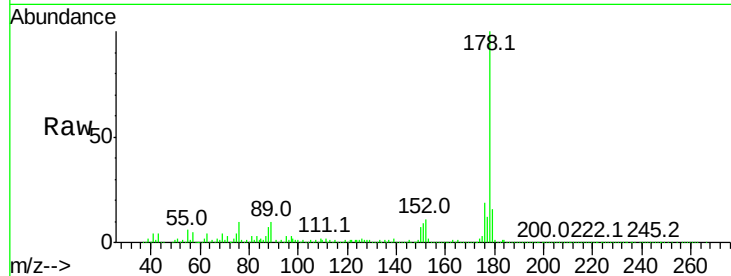
Delta R.T. 0.00 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tot Ion:178 Resp: 892061

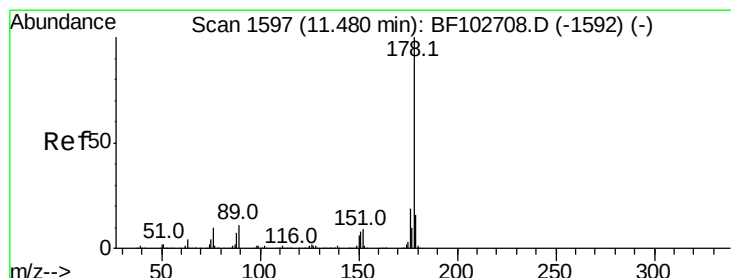
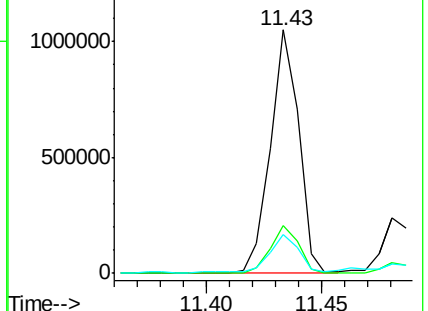
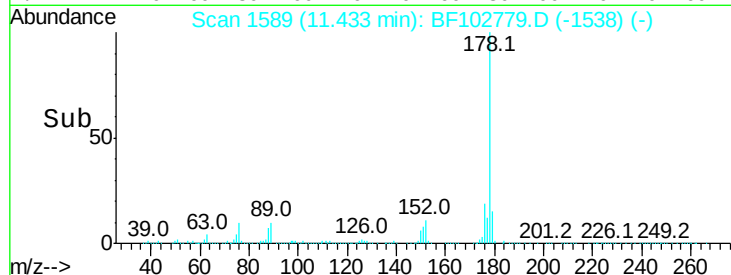
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.8	13.0	19.6



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: 7.354 ng

RT: 11.48 min Scan# 1597

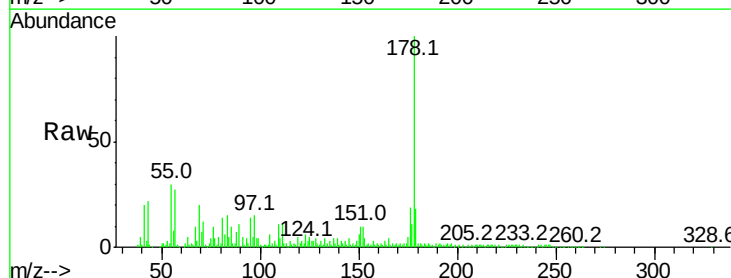
Delta R.T. -0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tgt Ion:178 Resp: 196367

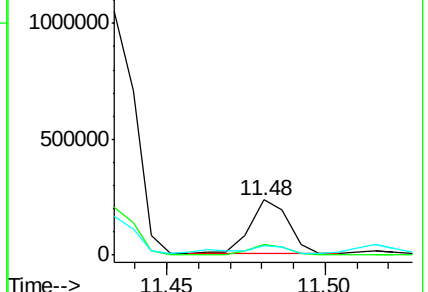
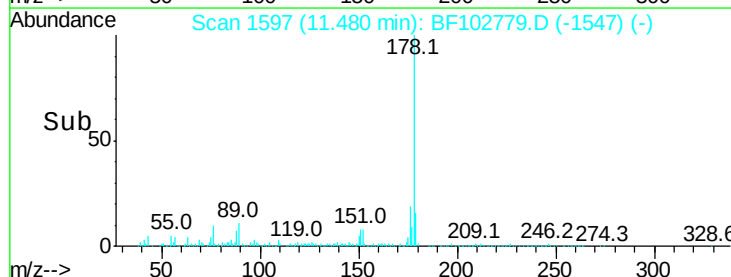
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	17.7	12.6	19.0

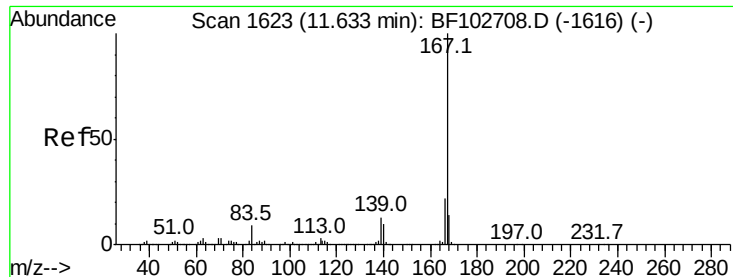


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.141 ng

RT: 11.63 min Scan# 1623

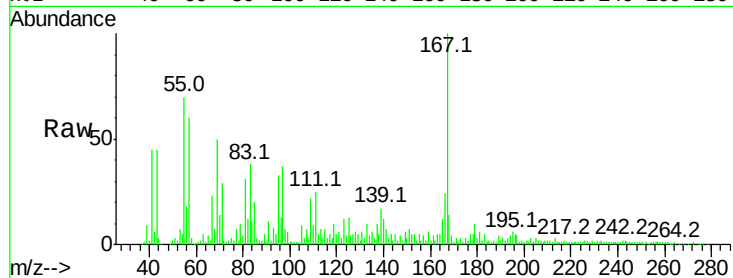
Delta R.T. -0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tot Ion:167 Resp: 108328

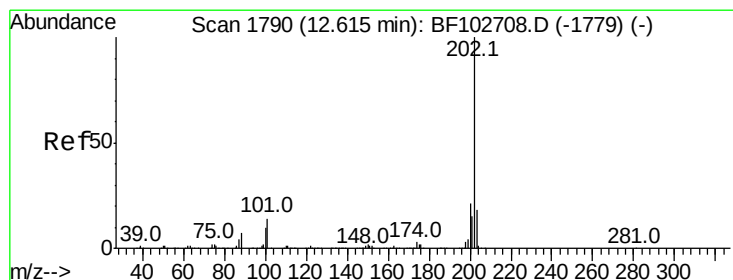
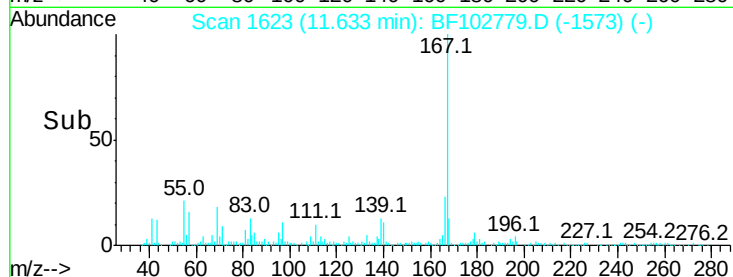
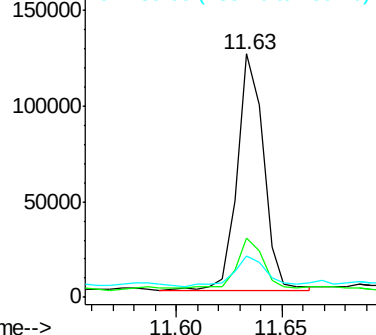
Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.6	26.4
139	16.8	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 35.368 ng

RT: 12.63 min Scan# 1792

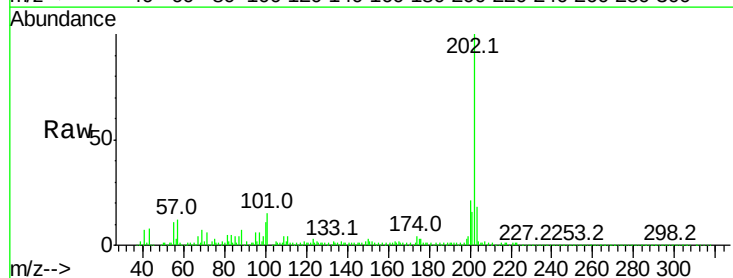
Delta R.T. 0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tgt Ion:202 Resp: 934189

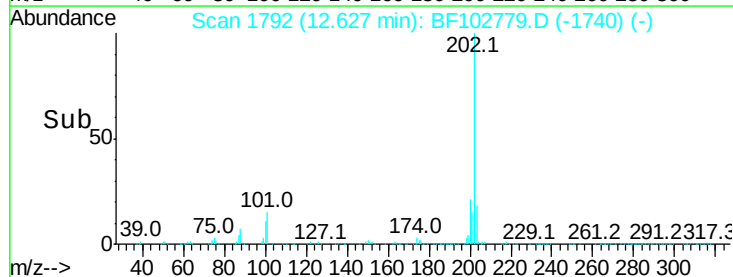
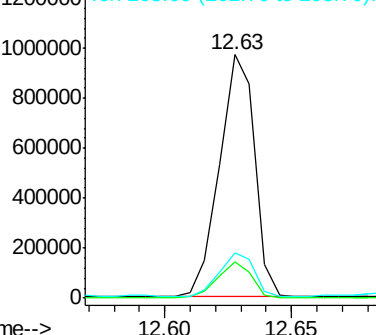
Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	34.1
203	18.5	0.0	38.1

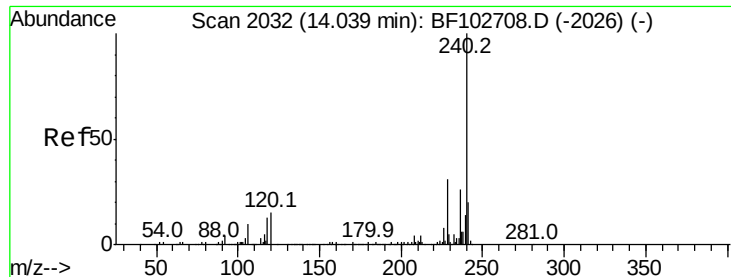


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

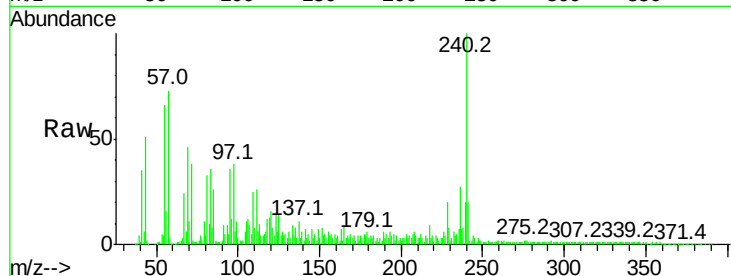
Tot Ion:240 Resp: 275518

Ion Ratio Lower Upper

240 100

120 16.3 9.5 14.3#

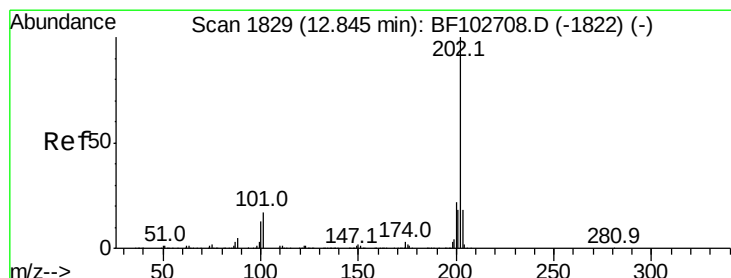
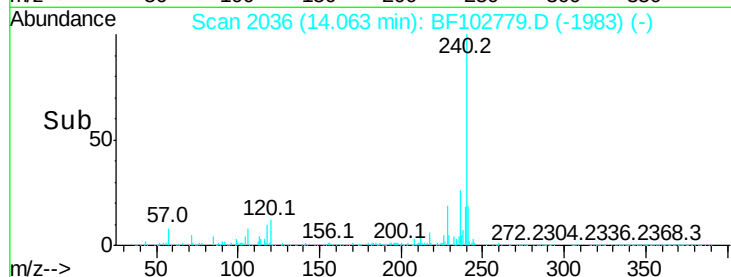
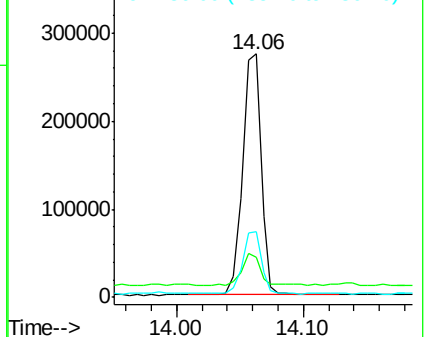
236 27.2 20.7 31.1



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: 38.961 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

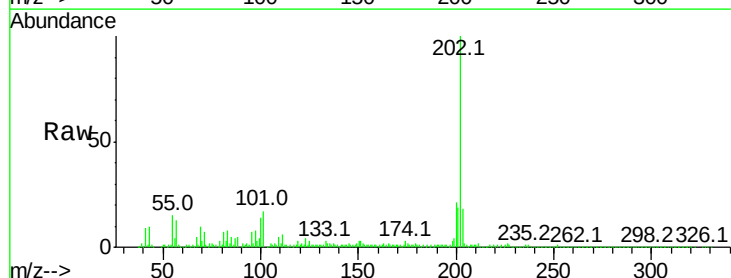
Tgt Ion:202 Resp: 841745

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

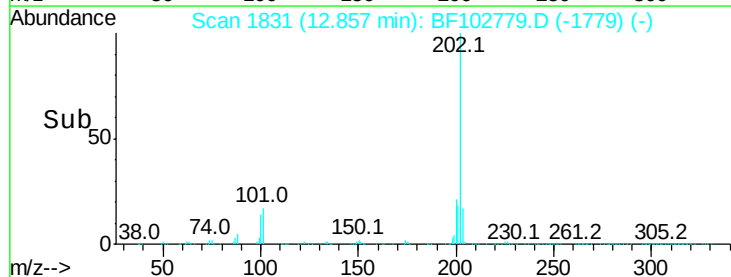
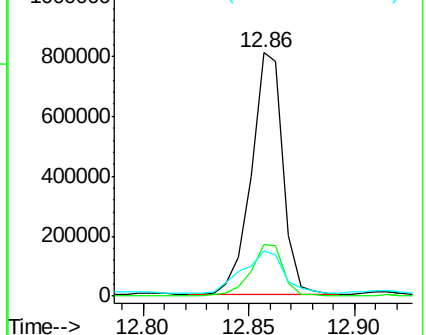
203 18.5 14.3 21.5

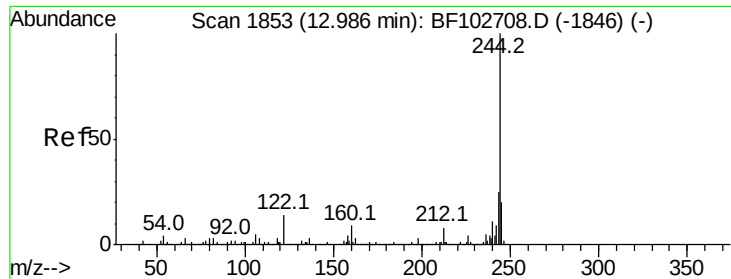


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

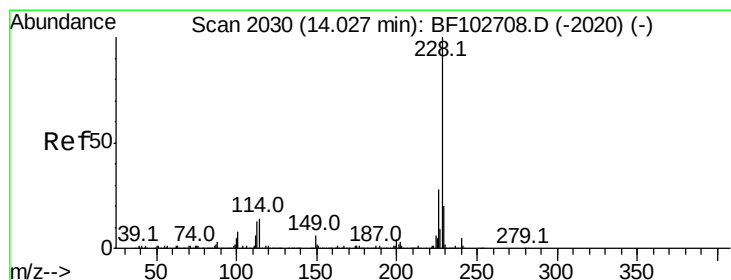
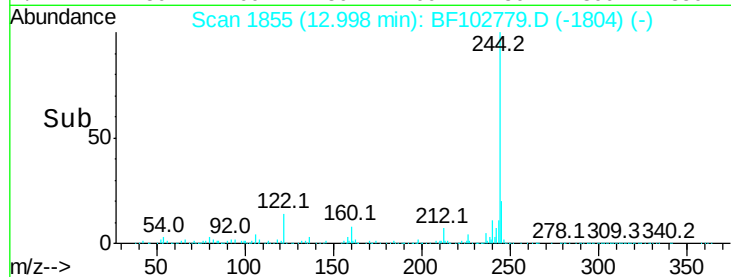
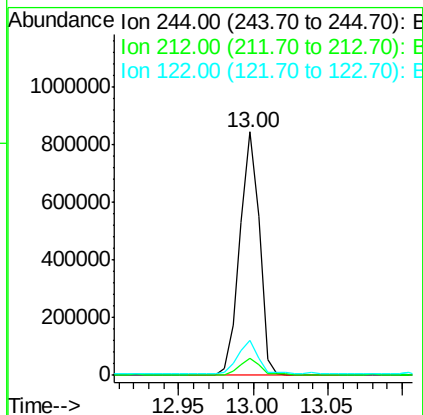
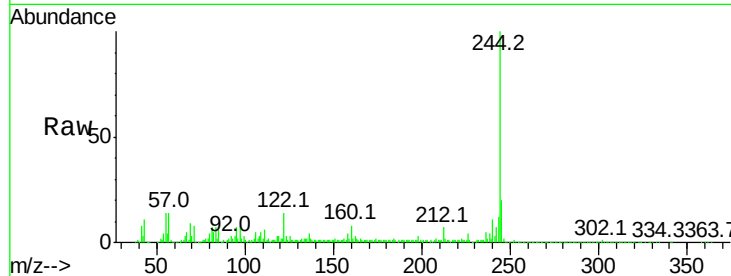
Ion 203.00 (202.70 to 203.70): E





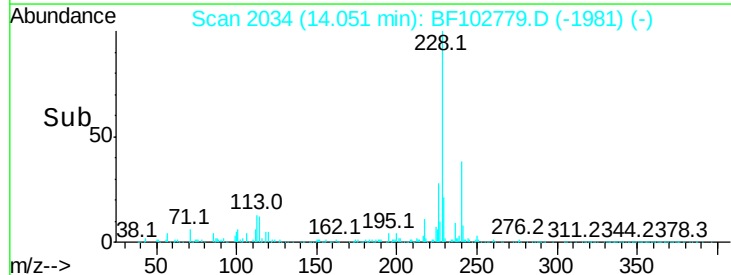
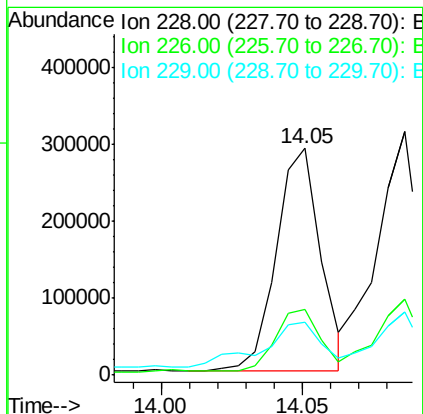
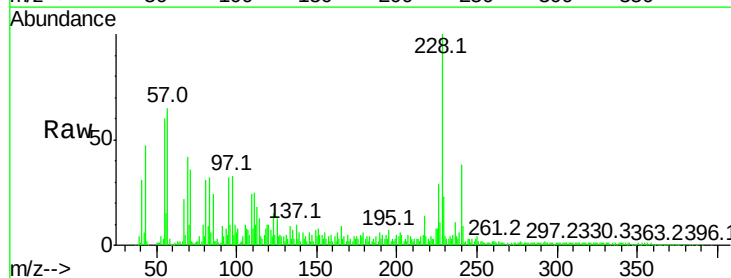
#78
 Terphenyl-d14
 Concen: 66.200 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: BF102779.D
 Acq: 6 Feb 2018 13:03

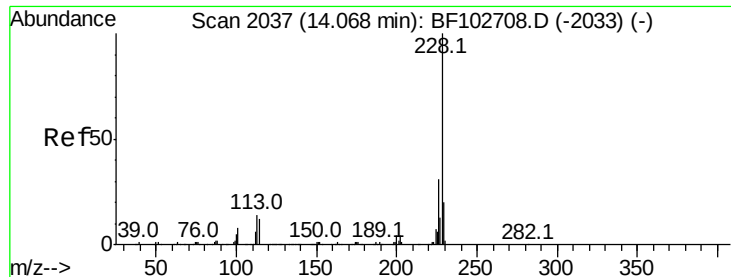
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.5	11.0	16.4



#80
 Benzo(a)anthracene
 Concen: 18.153 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF102779.D
 Acq: 6 Feb 2018 13:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	23.3	15.8	23.6





#82

Chrysene

Concen: 18.008 ng

RT: 14.05 min Scan# 2034

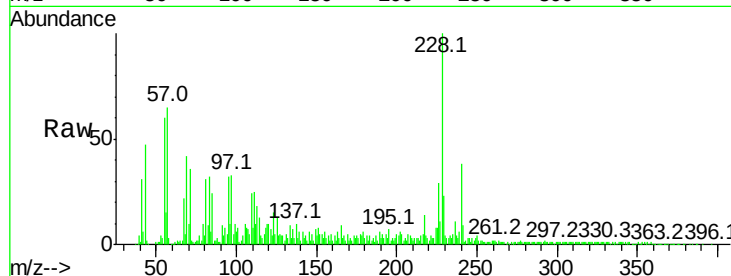
Delta R.T. -0.03 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tot Ion:228 Resp: 314538

Ion	Ratio	Lower	Upper
228	100		
226	29.0	25.0	37.6
229	23.3	16.2	24.4

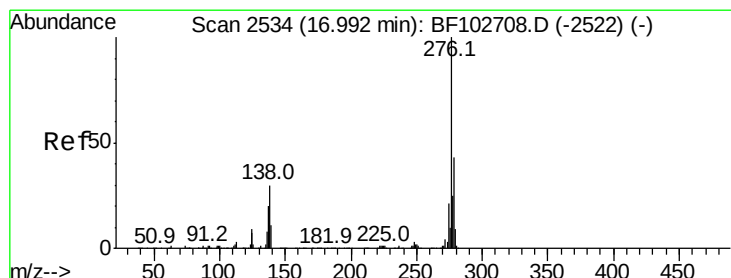
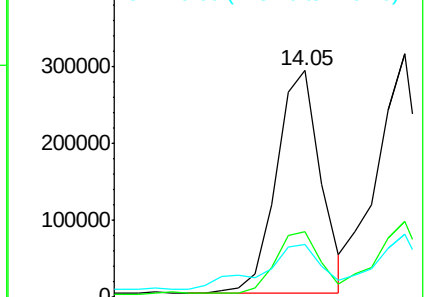
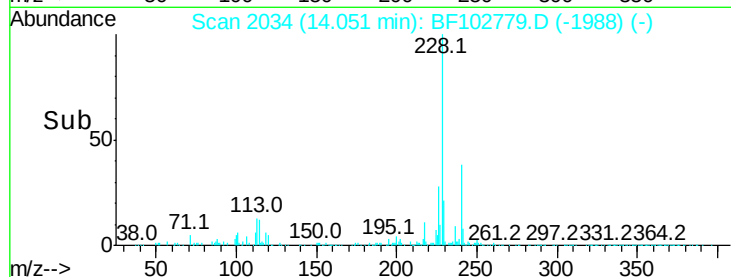


Abundance

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: 13.641 ng

RT: 17.06 min Scan# 2545

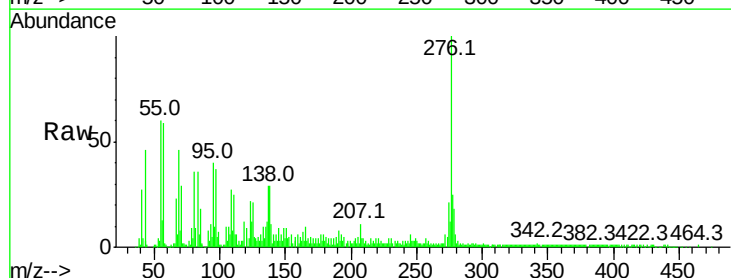
Delta R.T. 0.04 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

Tgt Ion:276 Resp: 197612

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	24.6	20.1	30.1

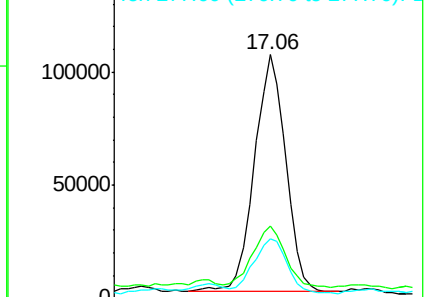
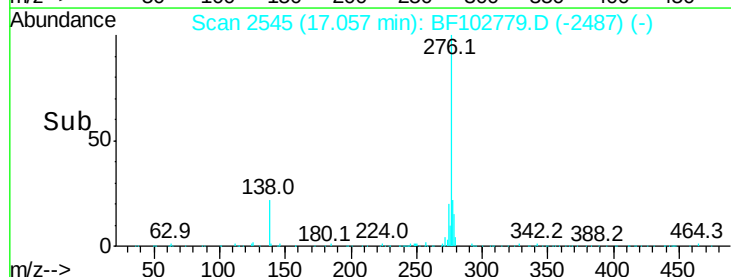


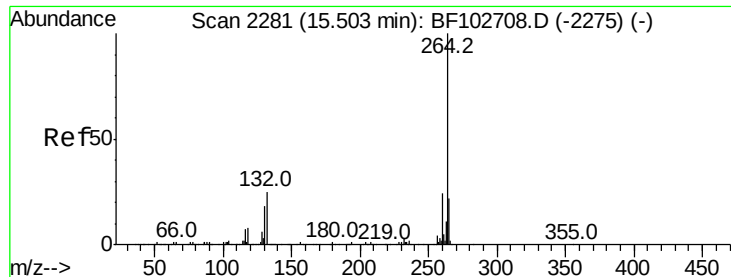
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

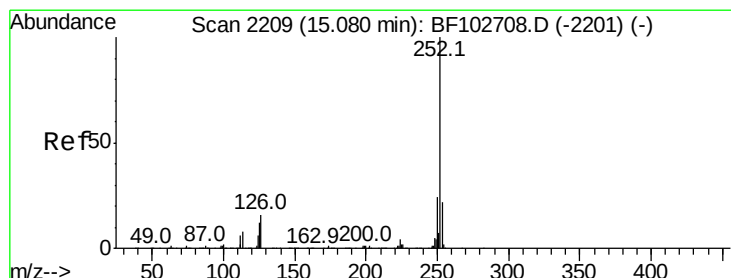
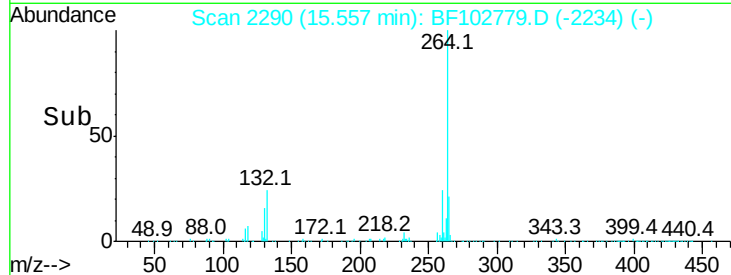
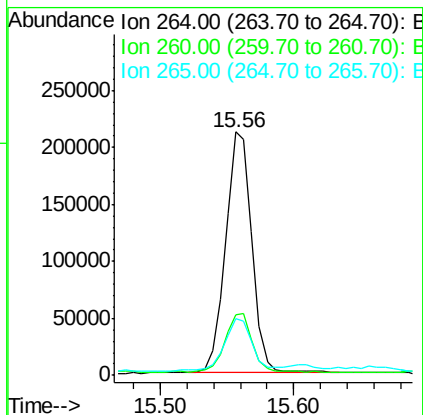
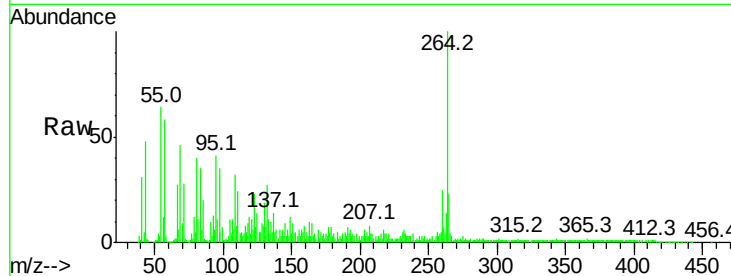
Ion 277.00 (276.70 to 277.70): E





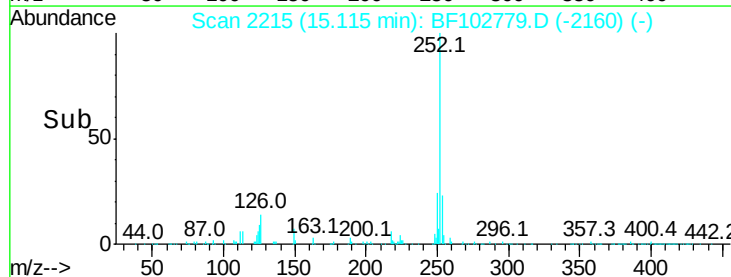
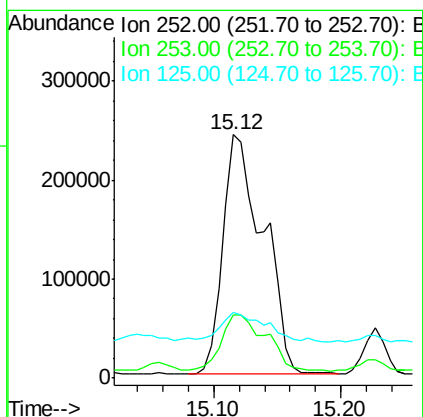
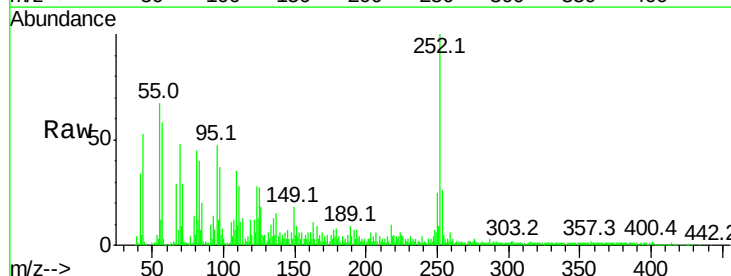
#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.03 min
 Lab File: BF102779.D
 Acq: 6 Feb 2018 13:03

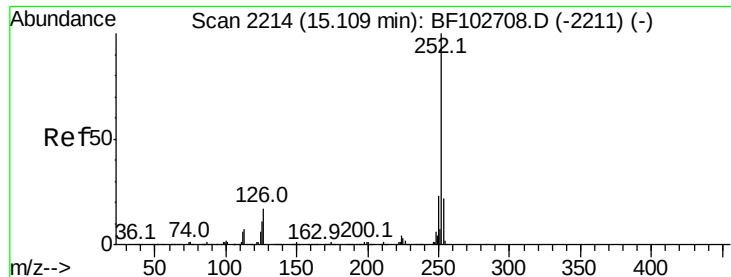
Tot Ion:264 Resp: 293740
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 23.1 17.5 26.3



#87
 Benzo(b)fluoranthene
 Concen: 28.278 ng
 RT: 15.12 min Scan# 2215
 Delta R.T. 0.02 min
 Lab File: BF102779.D
 Acq: 6 Feb 2018 13:03

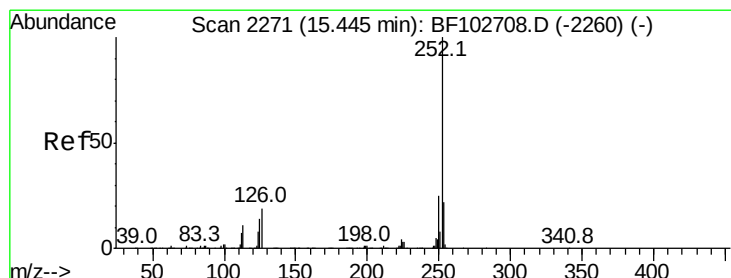
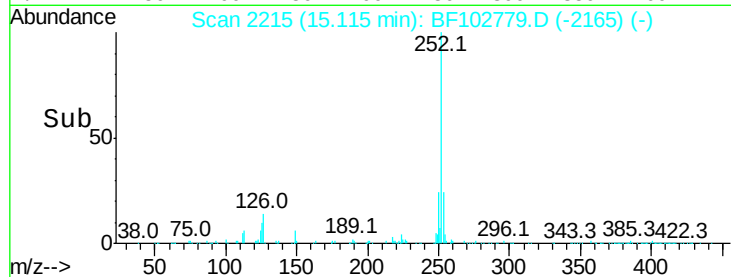
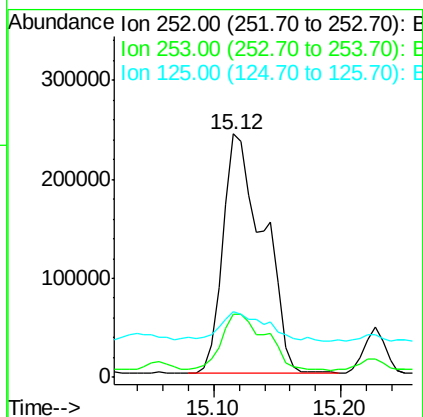
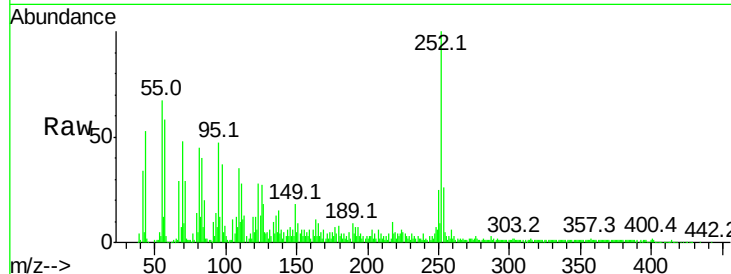
Tgt Ion:252 Resp: 538534
 Ion Ratio Lower Upper
 252 100
 253 25.8 17.0 25.6#
 125 27.2 9.0 13.6#





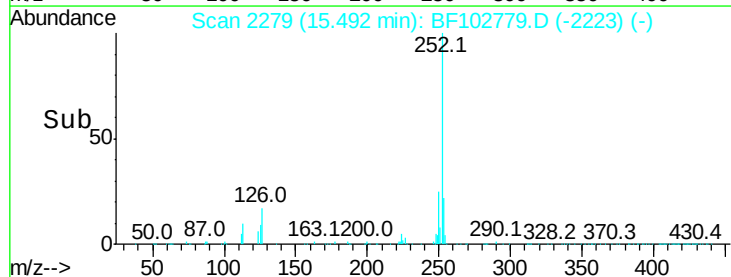
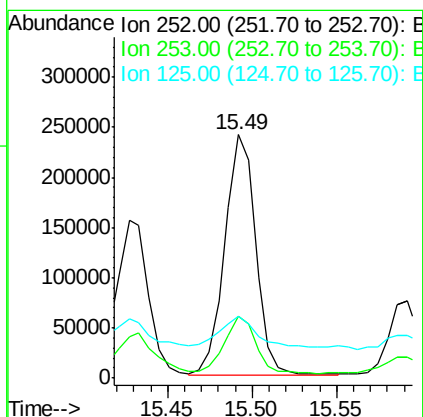
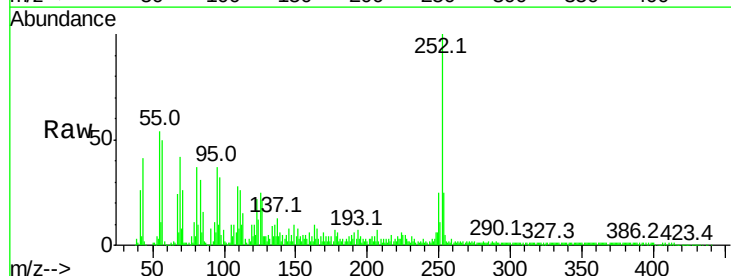
#88
Benzo(k)fluoranthene
Concen: 29.595 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

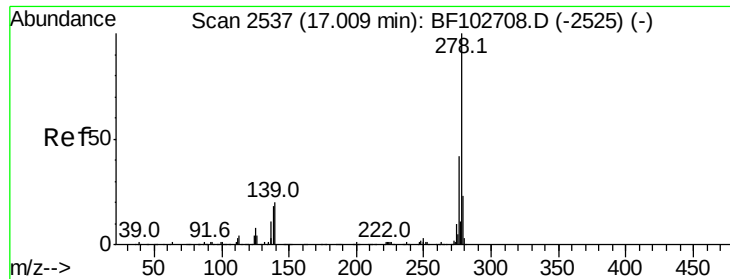
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	27.2	10.2	15.2#



#89
Benzo(a)pyrene
Concen: 17.681 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.03 min
Lab File: BF102779.D
Acq: 6 Feb 2018 13:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	25.2	9.8	14.6#





#90

Dibenzo(a,h)anthracene

Concen: 3.262 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.03 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

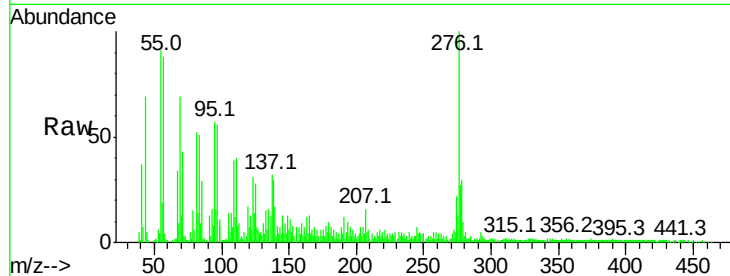
Tot Ion:278 Resp: 45393

Ion Ratio Lower Upper

278 100

139 56.6 15.9 23.9#

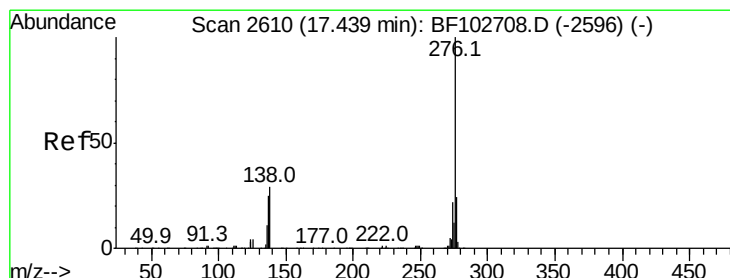
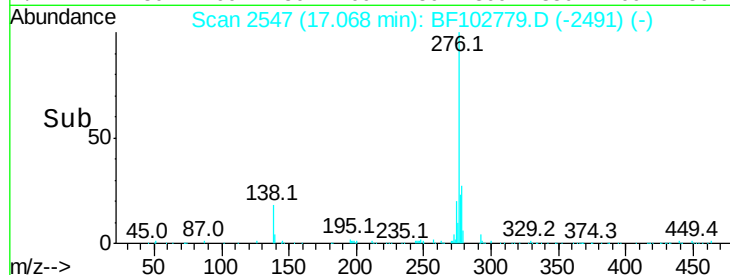
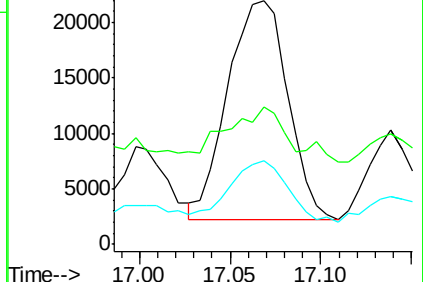
279 34.4 19.0 28.4#



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: 14.664 ng

RT: 17.52 min Scan# 2623

Delta R.T. 0.04 min

Lab File: BF102779.D

Acq: 6 Feb 2018 13:03

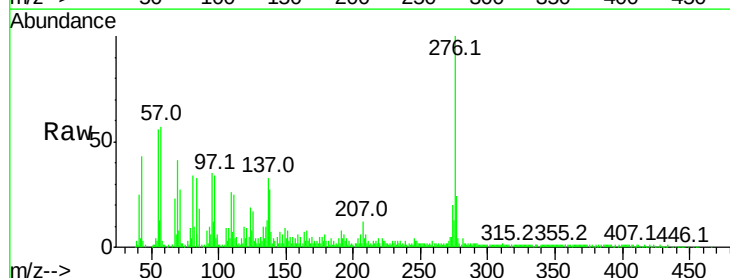
Tgt Ion:276 Resp: 199704

Ion Ratio Lower Upper

276 100

277 24.3 17.9 26.9

138 27.0 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

