

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103842.D
 Acq On : 22 Mar 2018 10:36
 Operator : JU/SJ
 Sample : J1946-02 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 22 11:57:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149543	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	611270	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	285806	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	518024	20.00	ng	0.00
75) Chrysene-d12	14.17	240	298237	20.00	ng	0.00
86) Perylene-d12	15.70	264	328398	20.00	ng	0.00

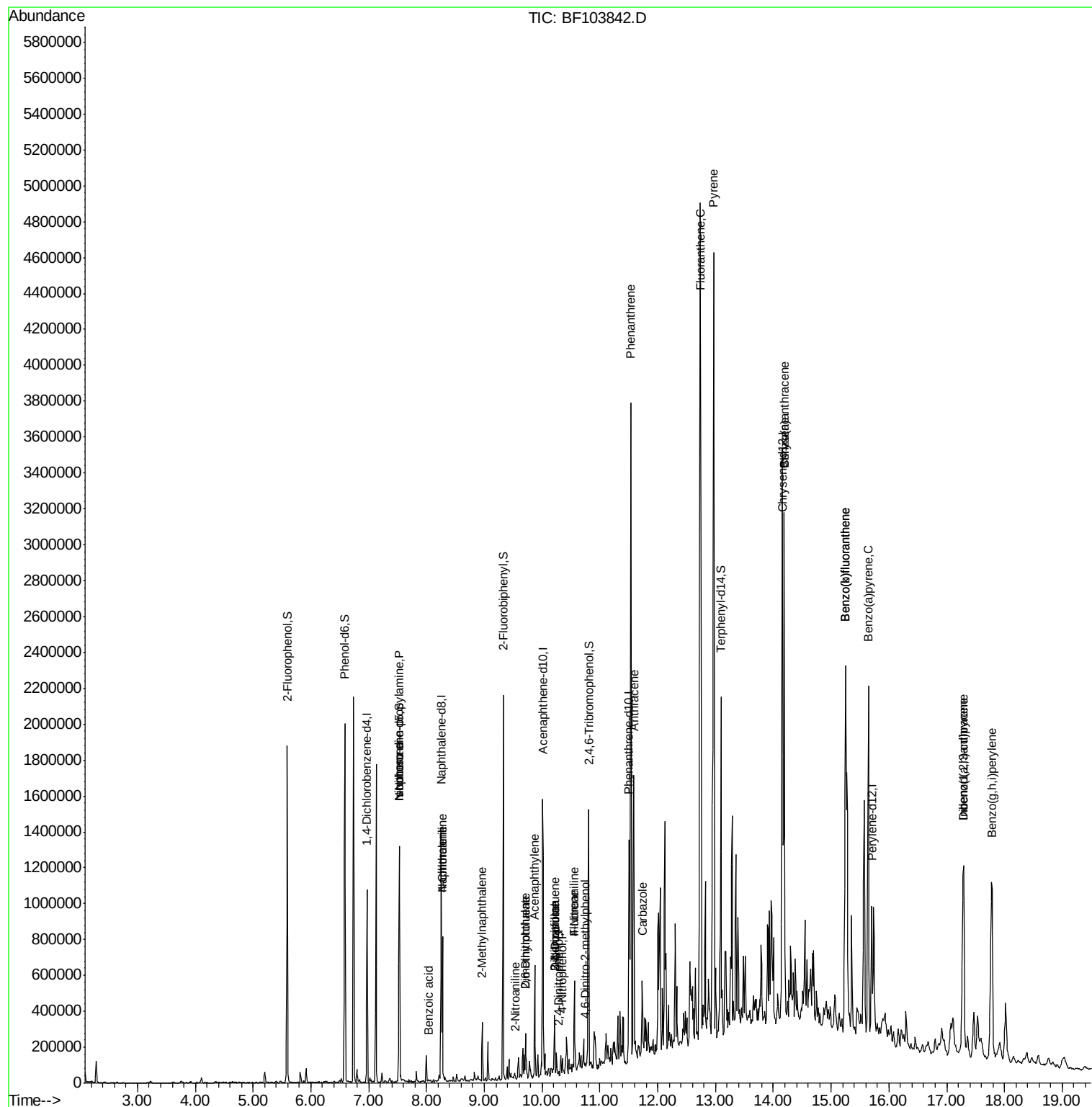
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	558402	56.79	ng	0.00
7) Phenol-d6	6.59	99	686051	57.03	ng	-0.01
23) Nitrobenzene-d5	7.53	82	420862	48.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	172881	70.35	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	688524	38.43	ng	0.00
78) Terphenyl-d14	13.09	244	591086	46.00	ng	0.00

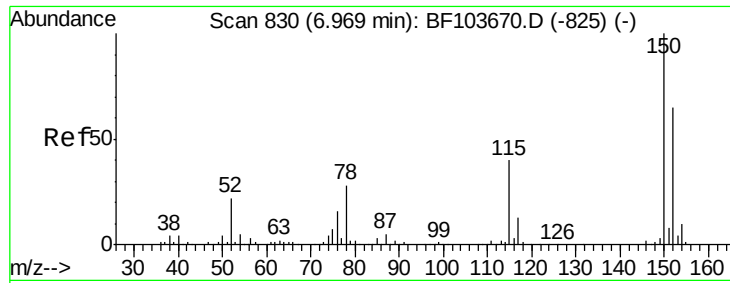
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.53	70	55973	7.261	ng	# 72
25) Isophorone	7.53	82	420857	20.741	ng	# 64
31) Naphthalene	8.27	128	306004	9.910	ng	# 99
32) Benzoic acid	8.02	122	1363	10.082	ng	# 24
33) 4-Chloroaniline	8.27	127	39628	3.059	ng	# 33
37) 2-Methylnaphthalene	8.96	142	75372	3.849	ng	# 98
47) 2-Nitroaniline	9.54	65	819	6.956	ng	# 2
48) Acenaphthylene	9.87	152	265942	9.060	ng	# 99
49) Dimethylphthalate	9.72	163	71048	3.258	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	1370	4.282	ng	# 14
52) 3-Nitroaniline	10.22	138	1897	4.160	ng	# 13
53) 2,4-Dinitrophenol	10.29	184	269	6.775	ng	# 1
54) Dibenzofuran	10.22	168	101944	4.095	ng	# 98
55) 4-Nitrophenol	10.35	139	1472	5.316	ng	# 89
56) 2,4-Dinitrotoluene	10.21	165	1652	6.483	ng	# 1
57) Fluorene	10.56	166	152885	7.915	ng	# 99
61) 4-Nitroaniline	10.56	138	1907	4.111	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.75	198	108	8.178	ng	# 1
70) Phenanthrene	11.53	178	1565863	55.258	ng	# 99
71) Anthracene	11.59	178	664468	23.087	ng	# 99
72) Carbazole	11.73	167	140877	5.036	ng	# 99
74) Fluoranthene	12.74	202	2683431	91.918	ng	# 99
77) Pyrene	12.97	202	2309161	105.430	ng	# 98
80) Benzo(a)anthracene	14.19	228	1013656	53.694	ng	# 95
82) Chrysene	14.19	228	1013656	56.327	ng	# 98
85) Indeno(1,2,3-cd)pyrene	17.29	276	845713	53.813	ng	# 94
87) Benzo(b)fluoranthene	15.25	252	1863949	89.840	ng	# 95
88) Benzo(k)fluoranthene	15.25	252	1863949	93.460	ng	# 98
89) Benzo(a)pyrene	15.64	252	1034104	54.953	ng	# 96
90) Dibenzo(a,h)anthracene	17.30	278	192267	11.799	ng	# 93
91) Benzo(g,h,i)perylene	17.78	276	904671	57.070	ng	# 96

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

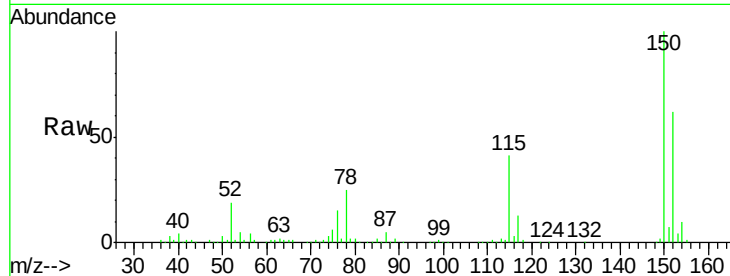
Quant Time: Mar 22 11:57:29 2018
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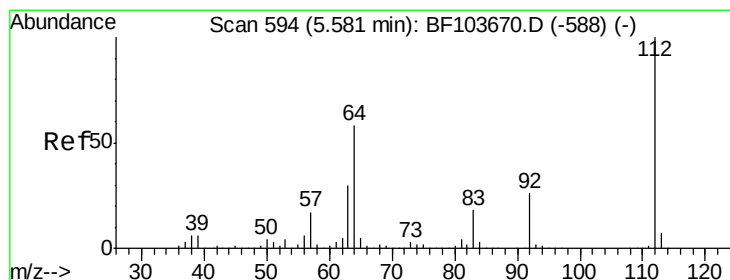
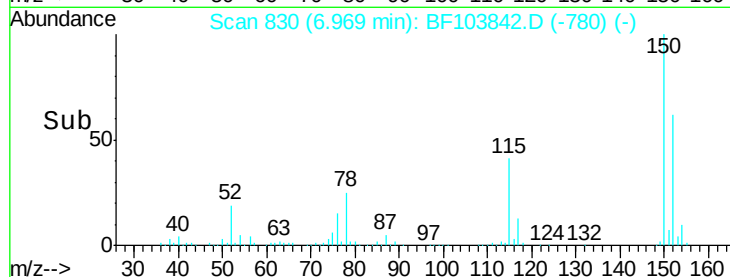
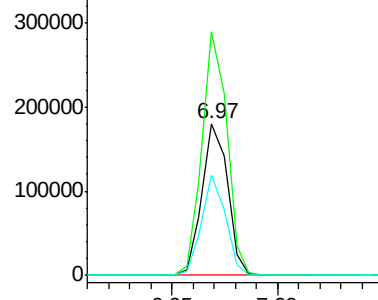


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.6	186.8
115	65.8	50.1	75.1

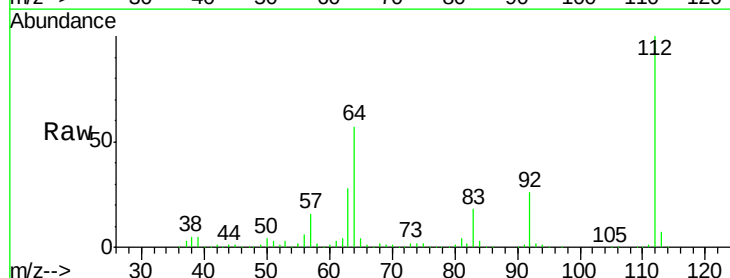


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

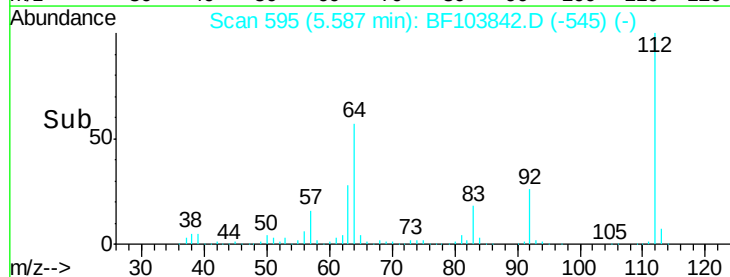
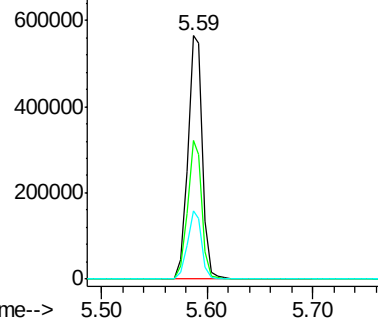


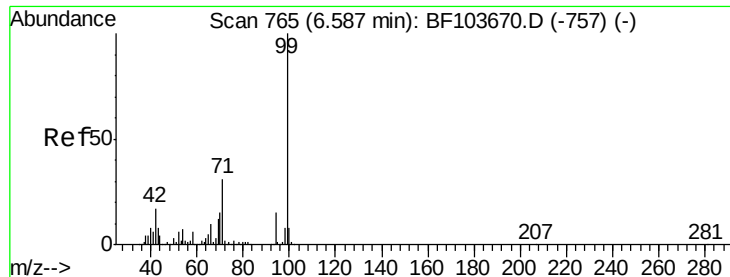
#5
 2-Fluorophenol
 Concen: 56.795 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.9	71.9
63	28.1	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: 57.035 ng

RT: 6.59 min Scan# 765

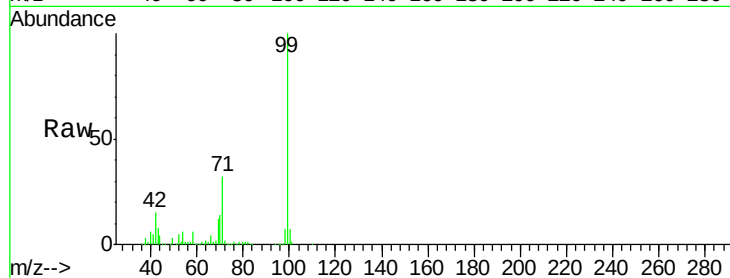
Delta R.T. -0.01 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

Tot Ion: 99 Resp: 686051

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	31.6	25.4	38.0

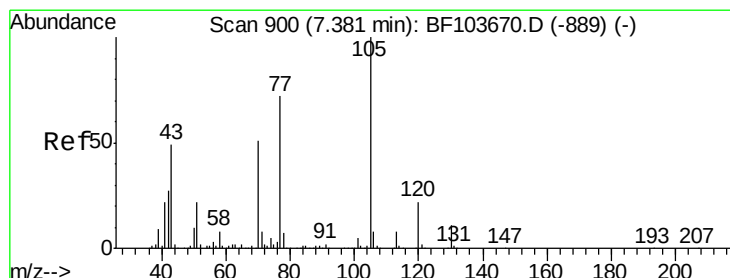
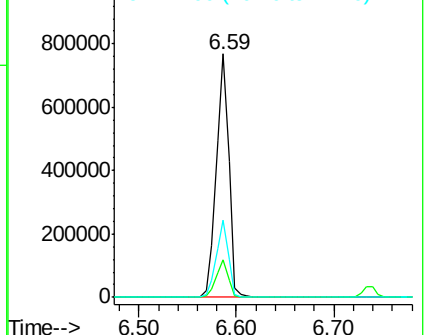
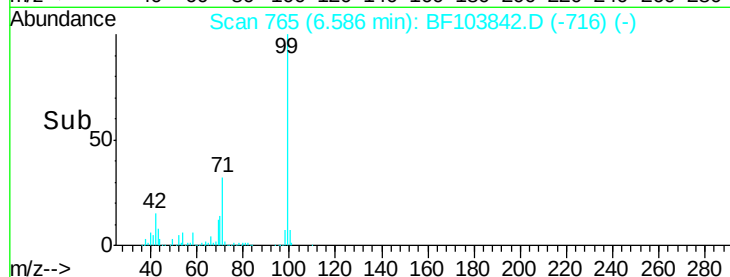


Abundance

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: 7.261 ng

RT: 7.53 min Scan# 925

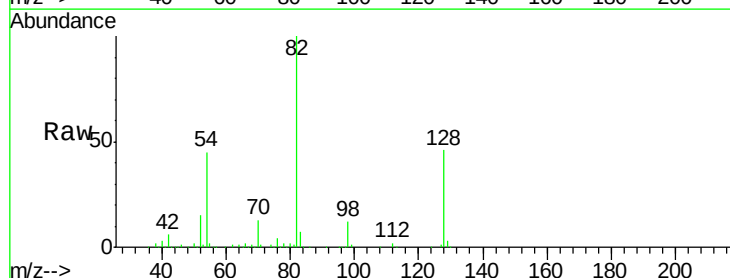
Delta R.T. 0.14 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

Tgt Ion: 70 Resp: 55973

Ion	Ratio	Lower	Upper
70	100		
42	41.1	47.5	71.3#
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



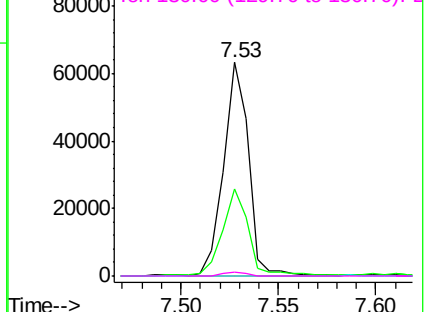
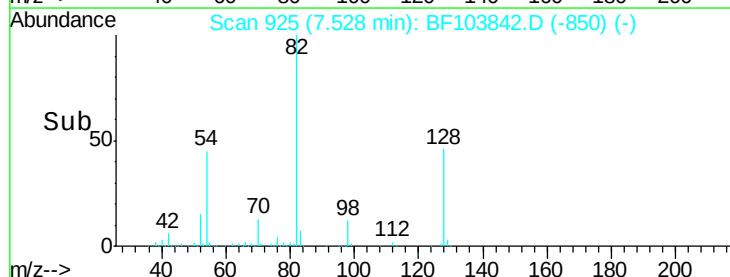
Abundance

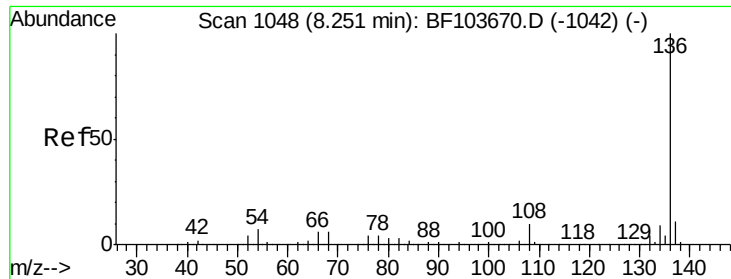
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

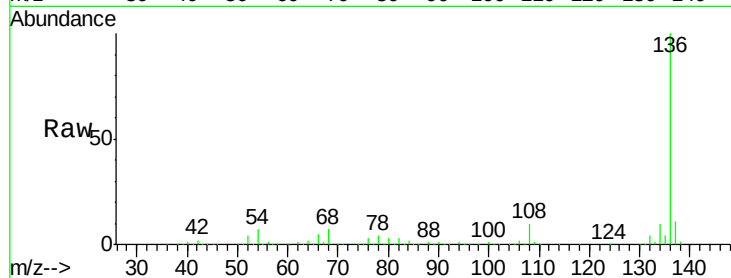
Ion 130.00 (129.70 to 130.70): BF1



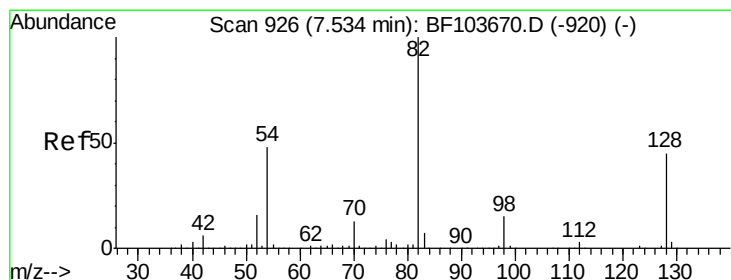
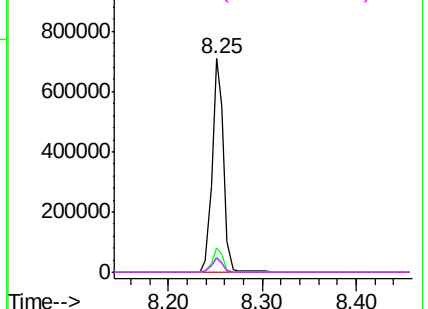
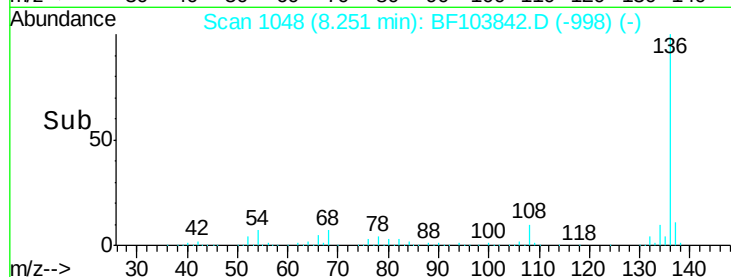


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

Tot Ion:136	Resp:	611270
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	7.4	6.6 9.8
68	6.6	5.0 7.4

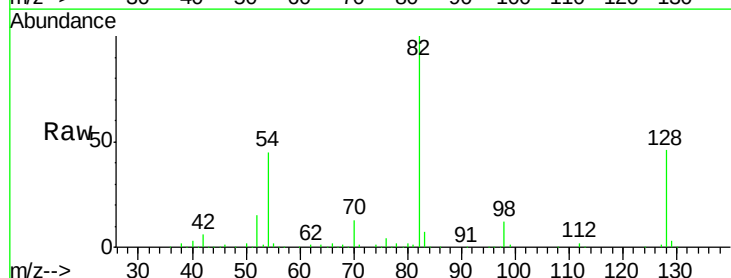


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

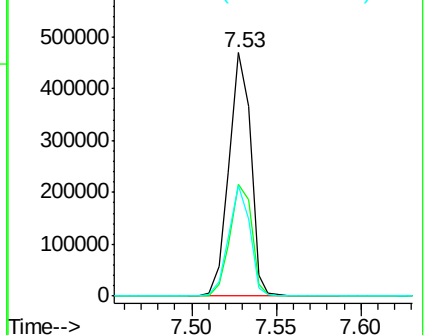
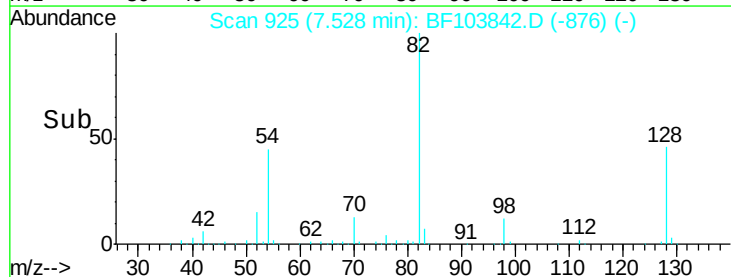


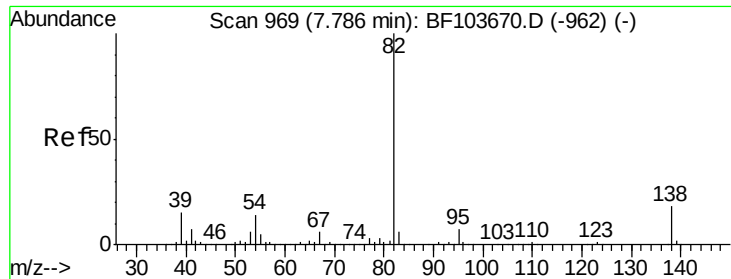
#23
Nitrobenzene-d5
Concen: 48.013 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

Tgt Ion: 82	Resp:	420862
Ion	Ratio	Lower Upper
82	100	
128	45.7	36.1 54.1
54	45.4	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: 20.741 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.26 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

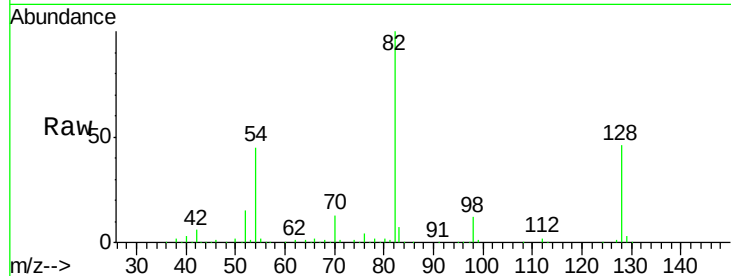
Tot Ion: 82 Resp: 420857

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

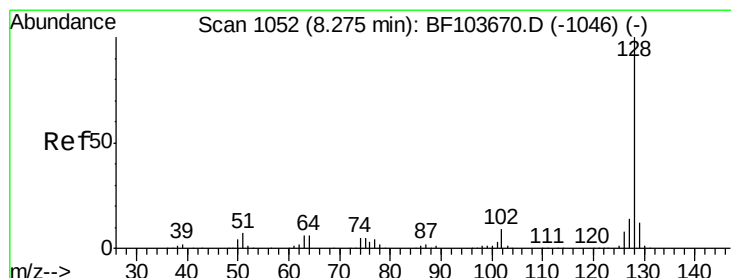
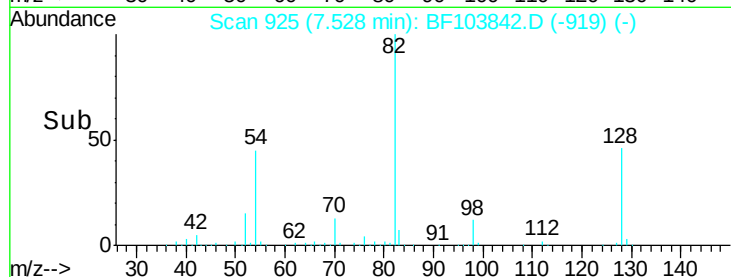
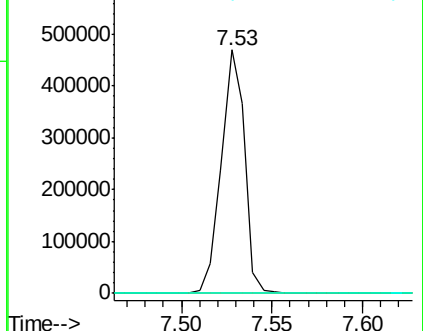
138 0.0 14.9 22.3#



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: 9.910 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

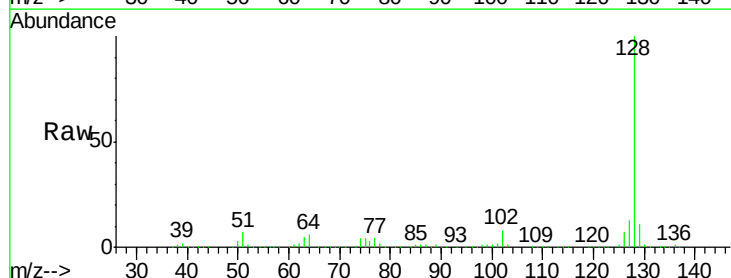
Tgt Ion: 128 Resp: 306004

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

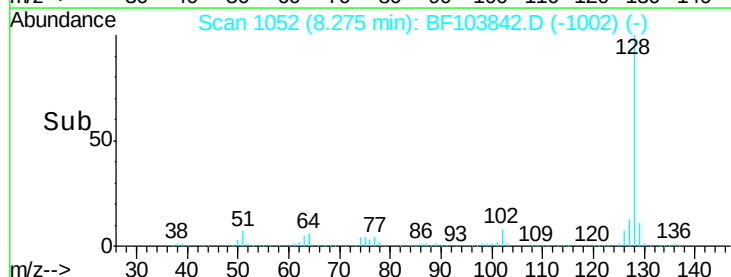
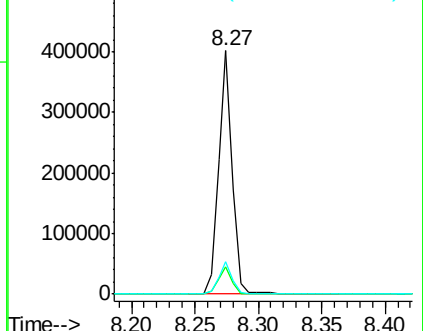
127 13.3 10.9 16.3

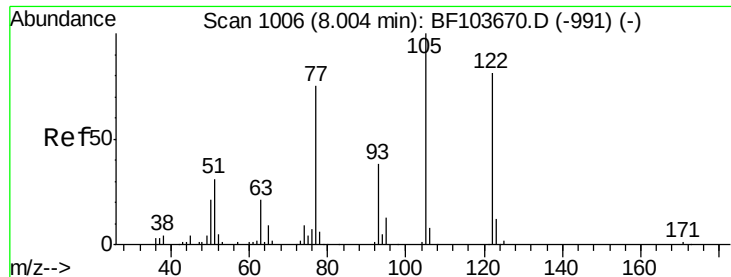


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

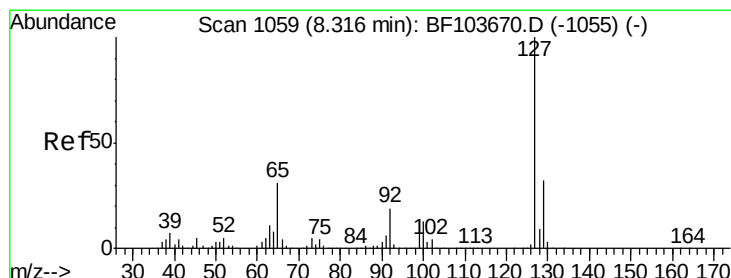
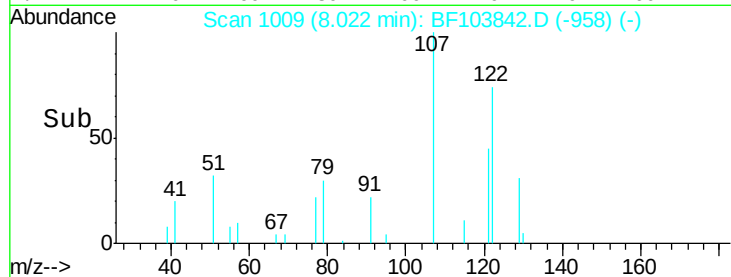
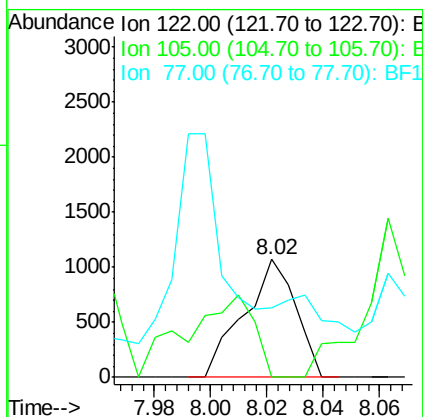
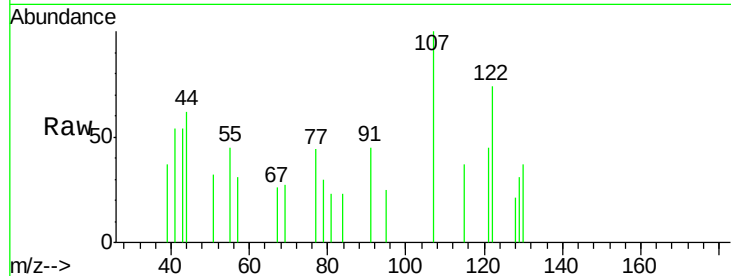
Ion 127.00 (126.70 to 127.70): E





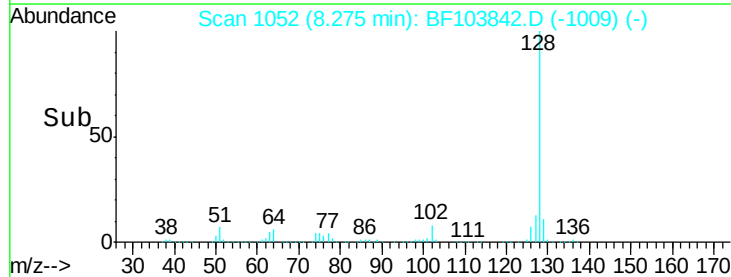
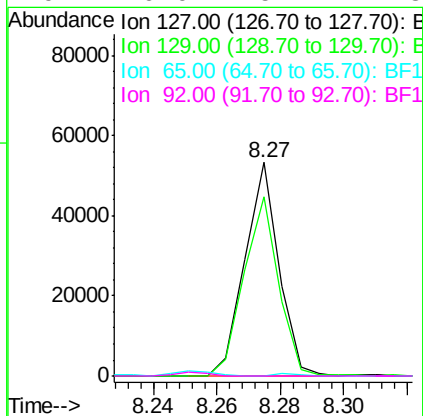
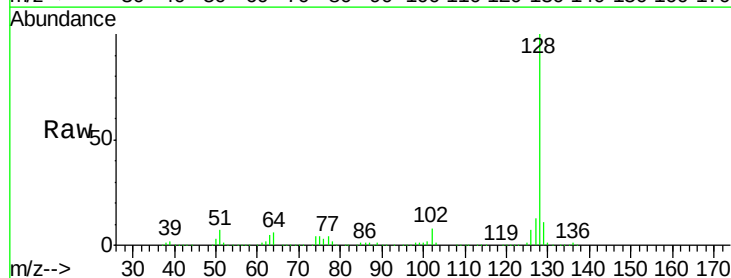
#32
Benzoic acid
Concen: 10.082 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

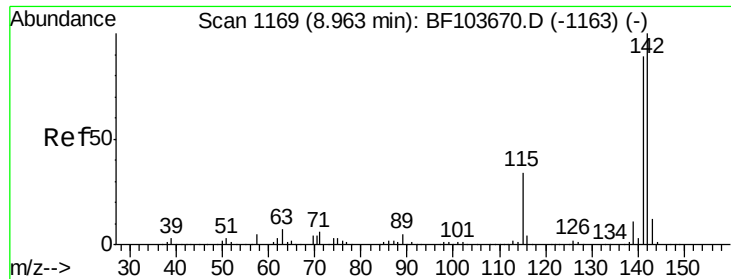
Tot Ion:122 Resp: 1363
Ion Ratio Lower Upper
122 100
105 0.0 101.1 141.1#
77 59.4 70.7 110.7#



#33
4-Chloroaniline
Concen: 3.059 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.05 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

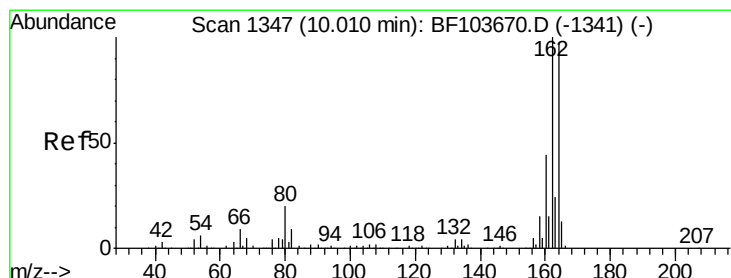
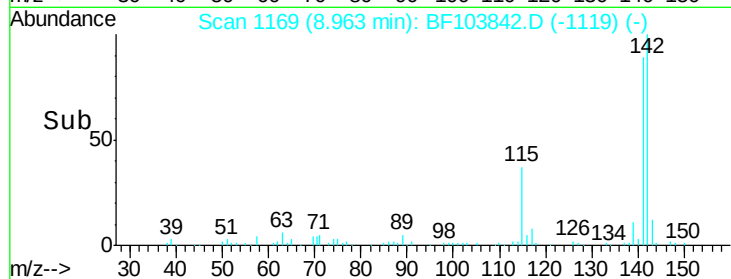
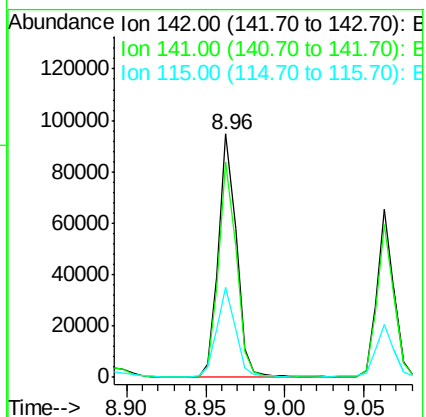
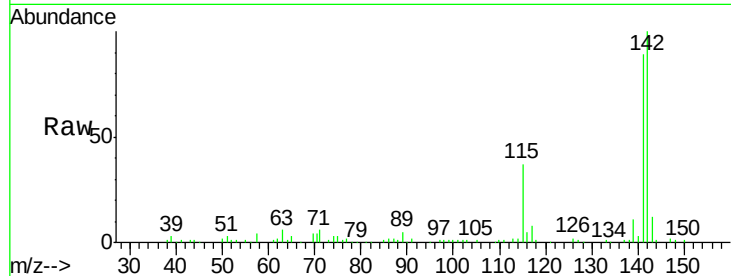
Tgt Ion:127 Resp: 39628
Ion Ratio Lower Upper
127 100
129 83.9 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#





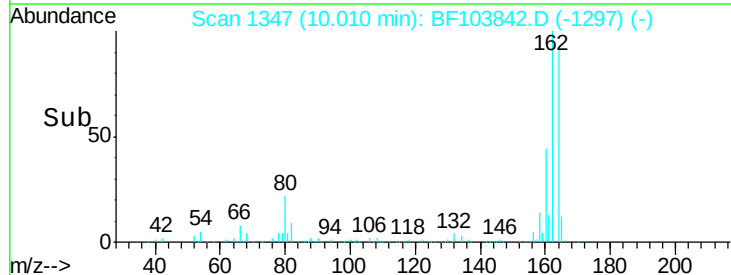
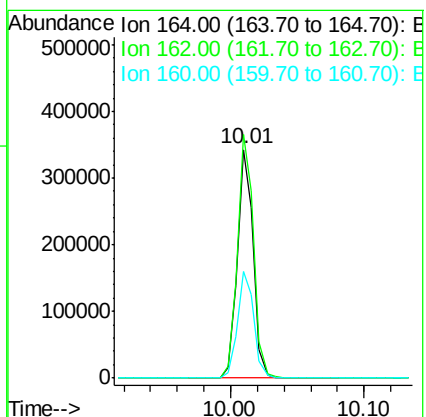
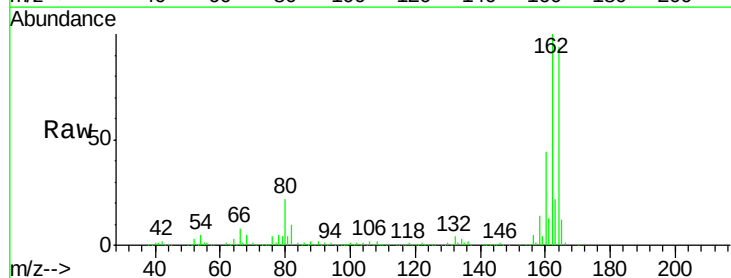
#37
2-Methylnaphthalene
Concen: 3.849 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

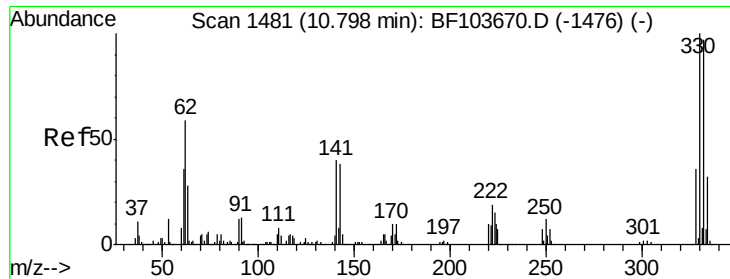
Tot Ion:142 Resp: 75372
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2
115 37.1 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

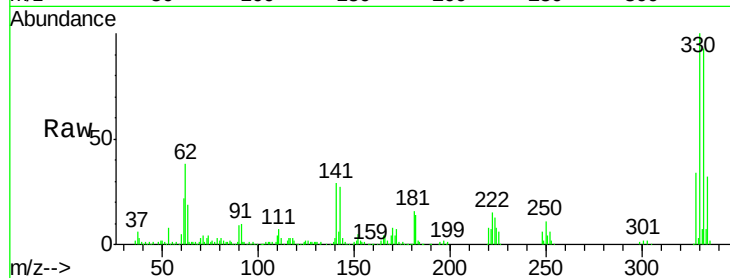
Tgt Ion:164 Resp: 285806
Ion Ratio Lower Upper
164 100
162 106.6 86.1 129.1
160 46.4 38.3 57.5



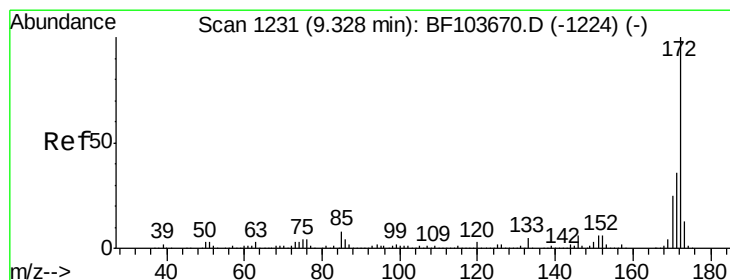
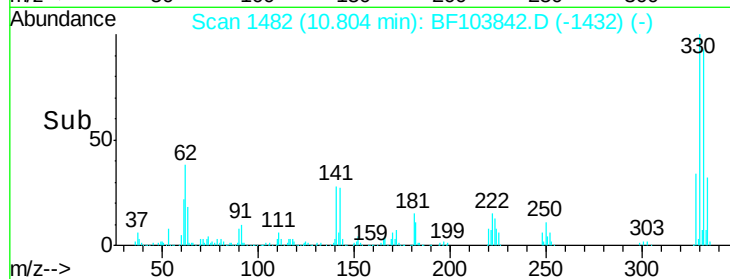
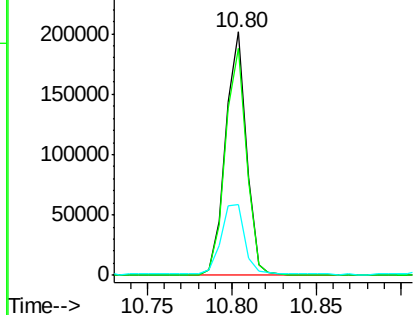


#41
 2,4,6-Tribromophenol
 Concen: 70.352 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	33.5	29.9	44.9

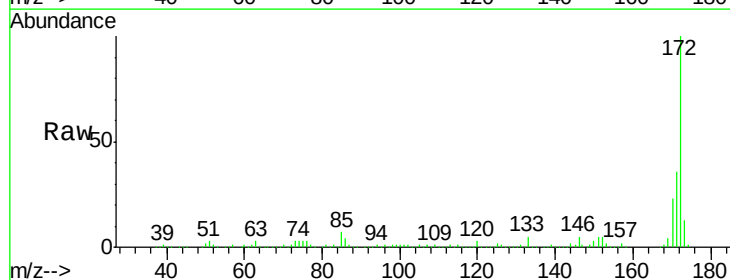


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

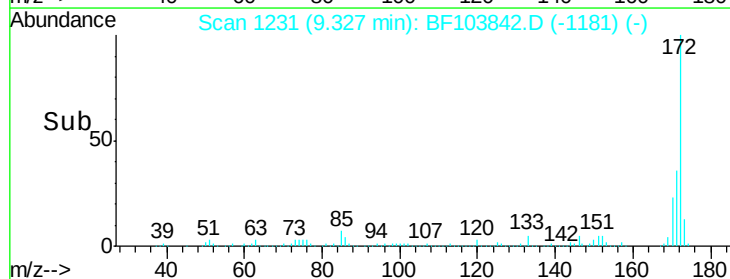
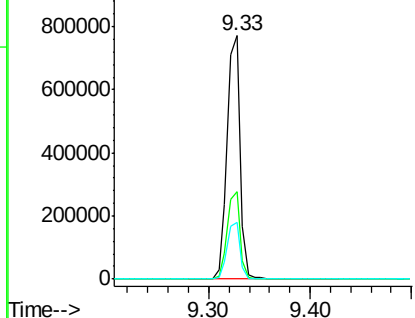


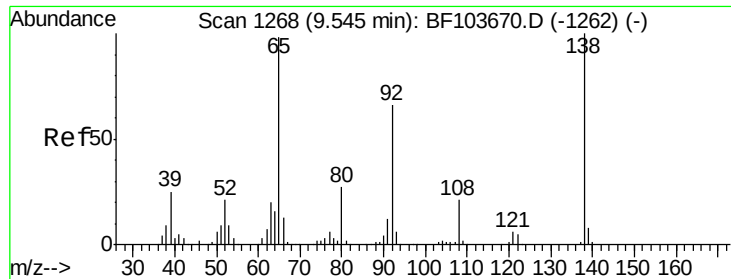
#44
 2-Fluorobiphenyl
 Concen: 38.428 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.2	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: 6.956 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

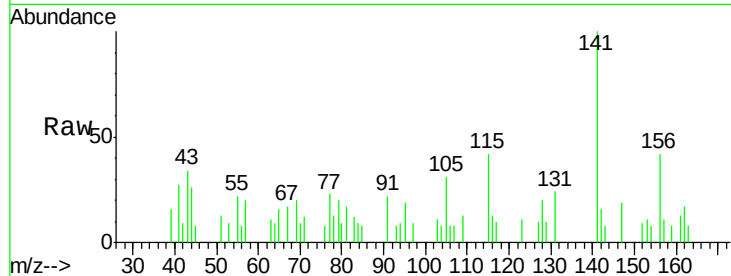
Tot Ion: 65 Resp: 819

Ion Ratio Lower Upper

65 100

92 0.0 55.8 83.6#

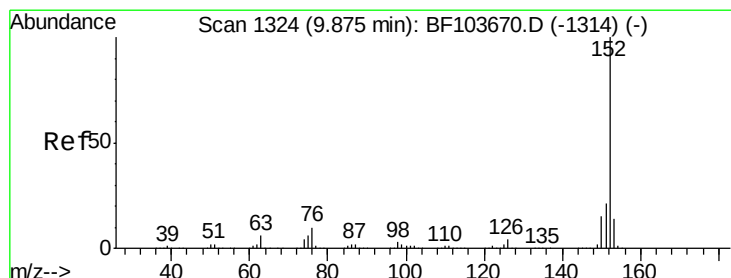
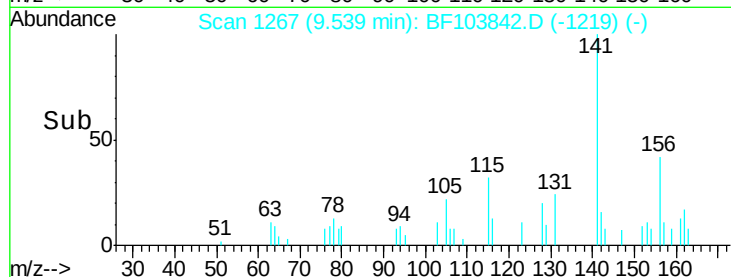
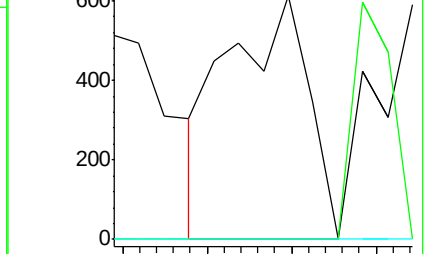
138 0.0 91.2 136.8#



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



#48

Acenaphthylene

Concen: 9.060 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

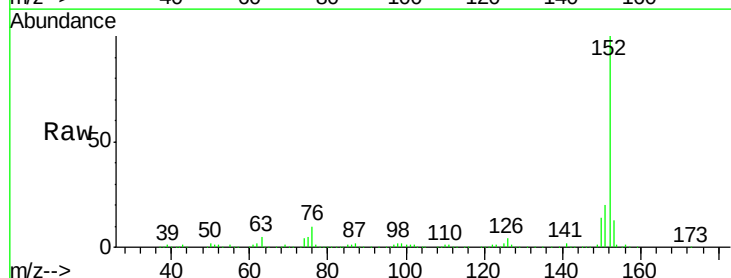
Tgt Ion: 152 Resp: 265942

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

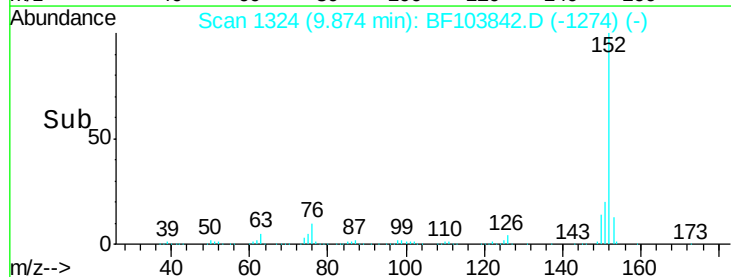
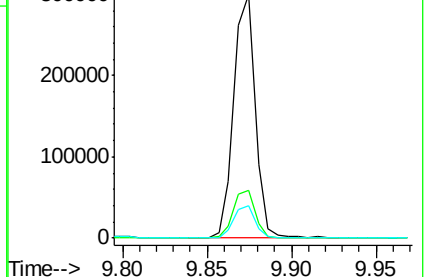
153 13.3 10.7 16.1

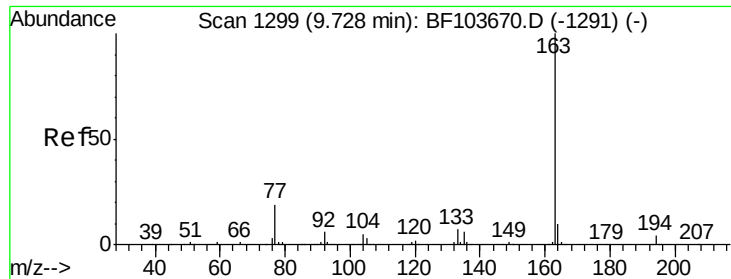


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 3.258 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

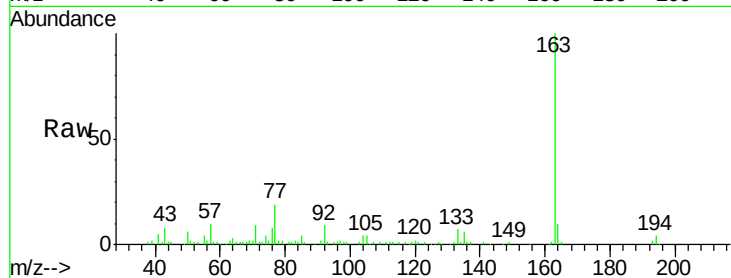
Tot Ion:163 Resp: 71048

Ion Ratio Lower Upper

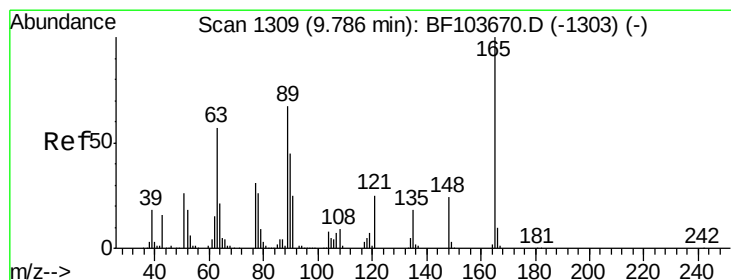
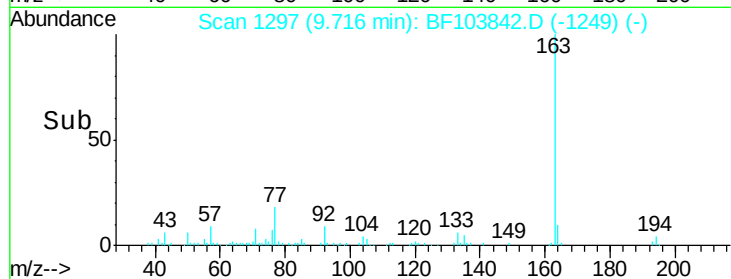
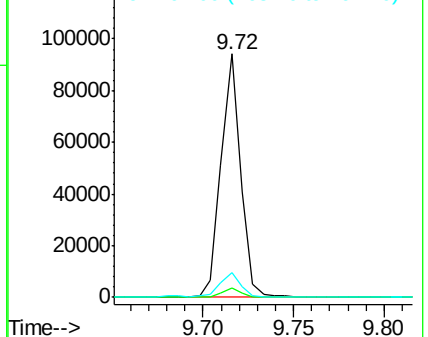
163 100

194 3.8 2.7 4.1

164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 4.282 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

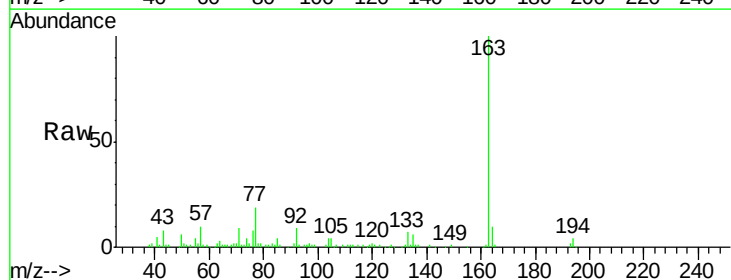
Tgt Ion:165 Resp: 1370

Ion Ratio Lower Upper

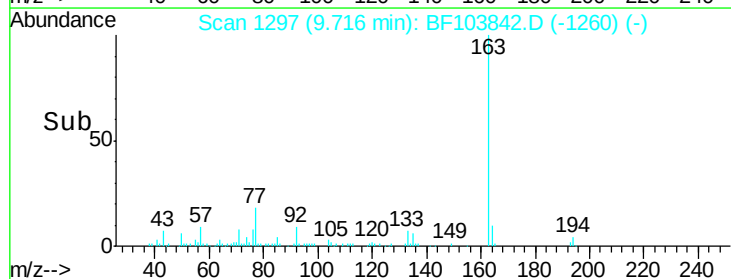
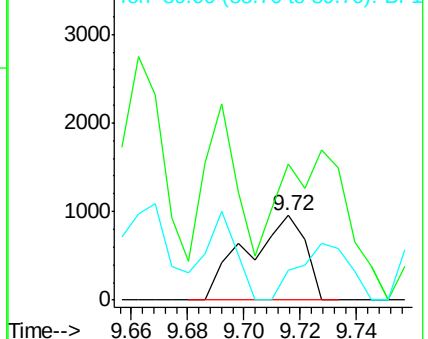
165 100

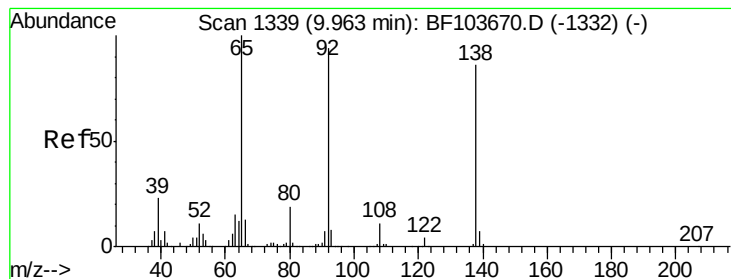
63 161.7 44.7 67.1#

89 35.8 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#52

3-Nitroaniline

Concen: 4.160 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.25 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

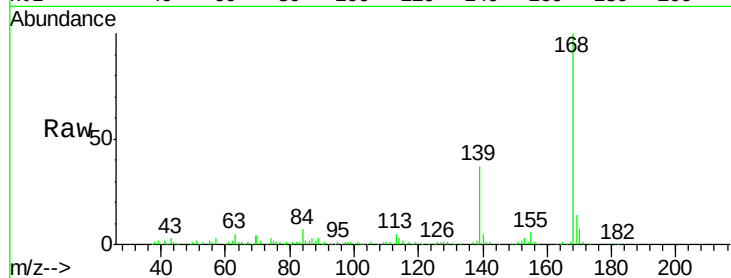
Tot Ion:138 Resp: 1897

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

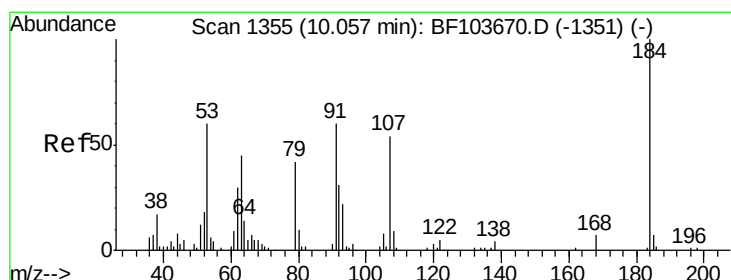
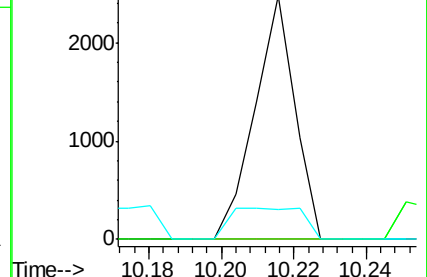
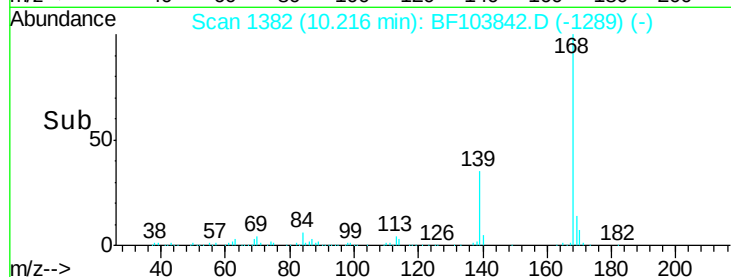
92 12.2 89.4 134.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 6.775 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.22 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

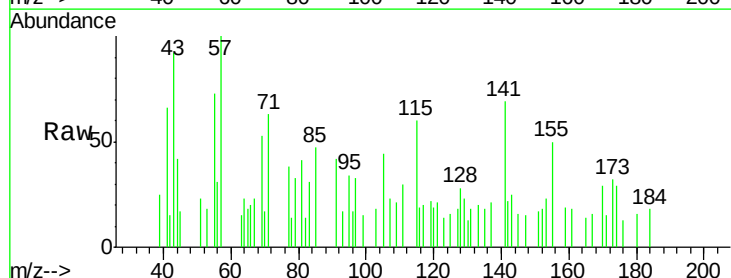
Tgt Ion:184 Resp: 269

Ion Ratio Lower Upper

184 100

63 85.6 54.2 81.2#

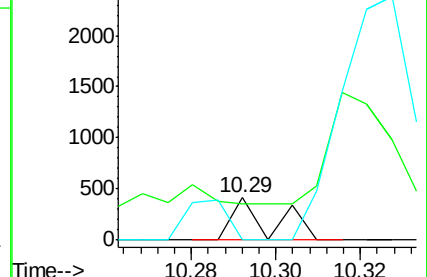
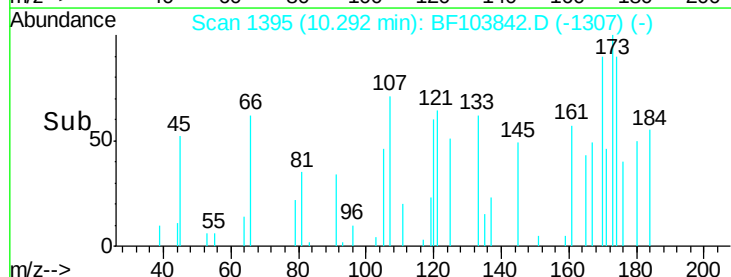
154 0.0 184.0 276.0#

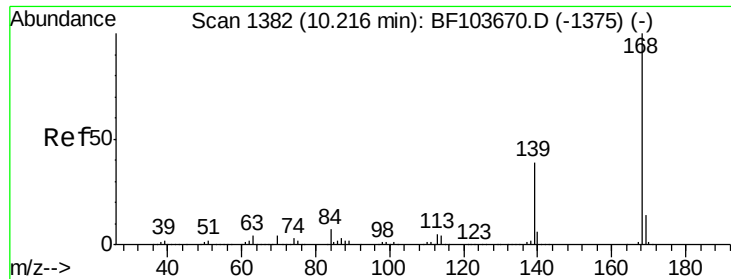


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

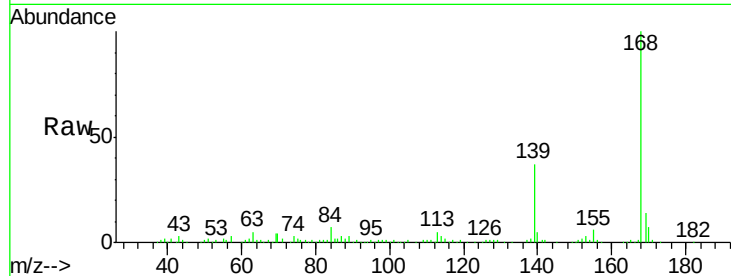
Ion 154.00 (153.70 to 154.70): E



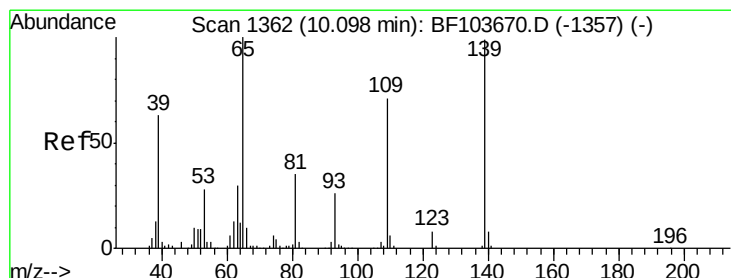
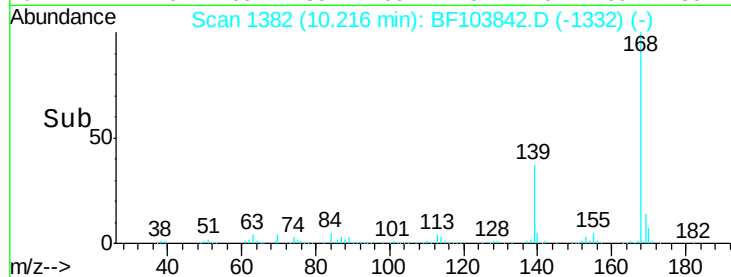
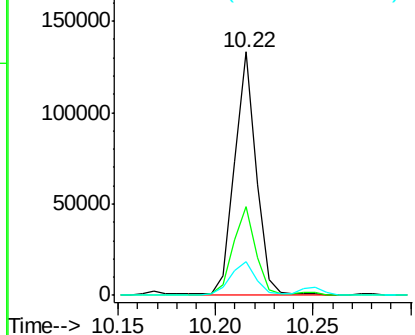


#54
Dibenzenofuran
Concen: 4.095 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

Tot Ion:168 Resp: 101944
Ion Ratio Lower Upper
168 100
139 36.5 30.1 45.1
169 13.9 10.9 16.3

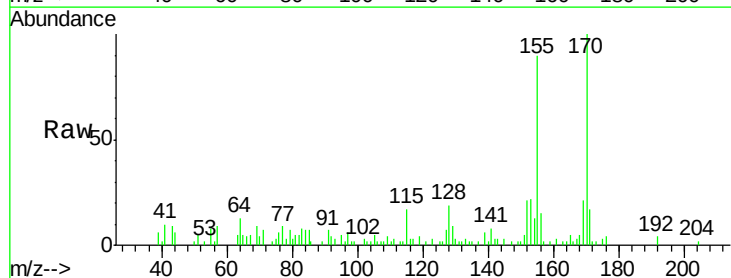


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

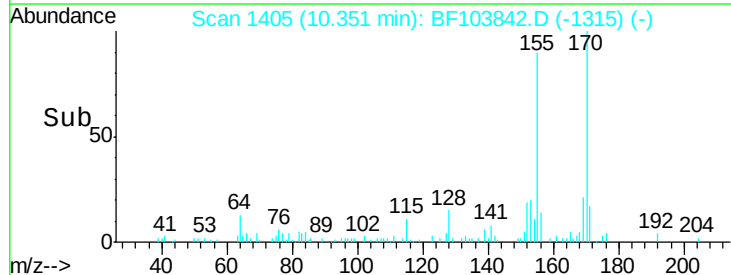
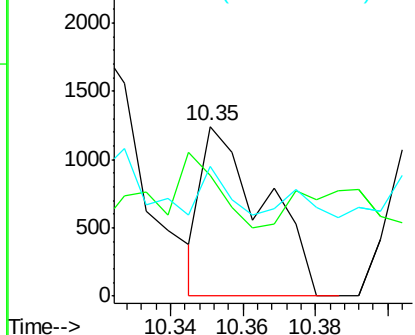


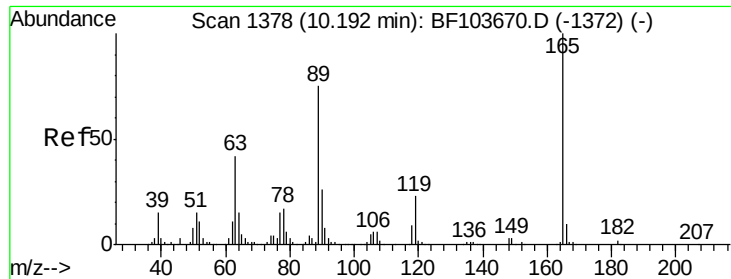
#55
4-Nitrophenol
Concen: 5.316 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.23 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

Tgt Ion:139 Resp: 1472
Ion Ratio Lower Upper
139 100
109 71.1 48.4 88.4
65 76.2 72.6 112.6



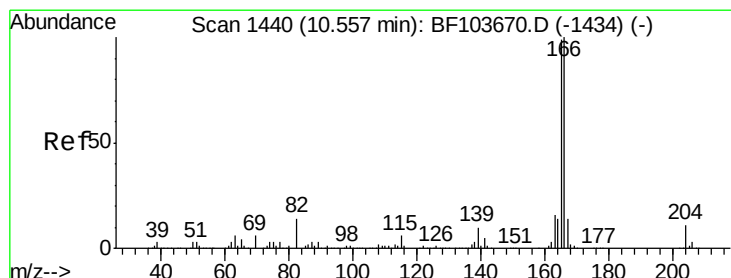
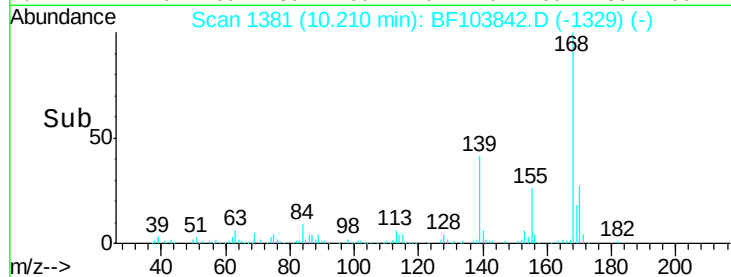
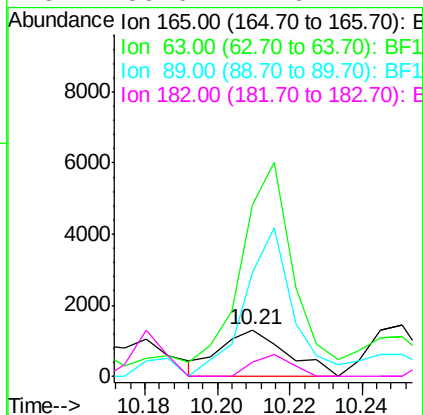
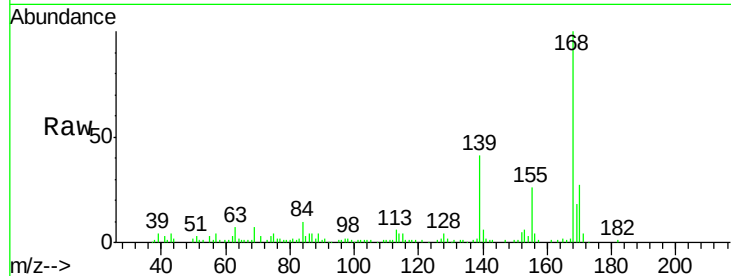
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





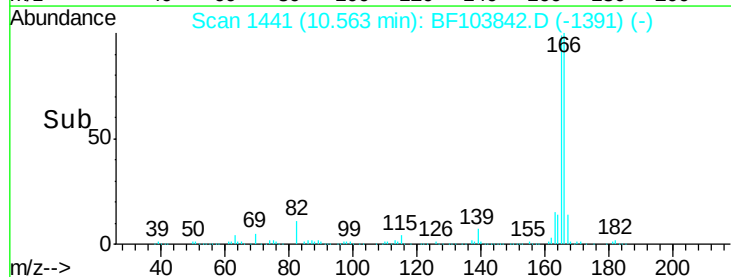
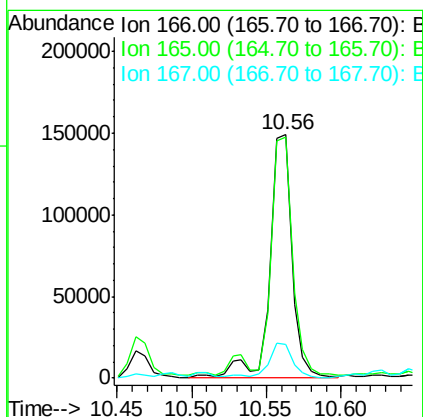
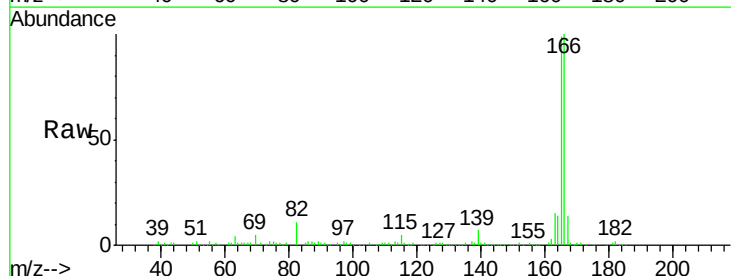
#56
2,4-Dinitrotoluene
Concen: 6.483 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

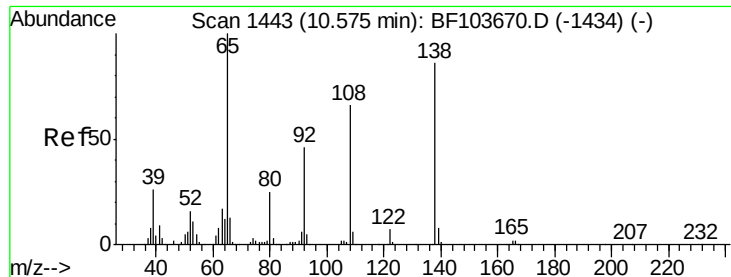
Tot Ion:	165	Resp:	1652
Ion	Ratio	Lower	Upper
165	100		
63	368.7	36.4	54.6#
89	221.4	57.8	86.6#
182	30.6	1.6	2.4#



#57
Fluorene
Concen: 7.915 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

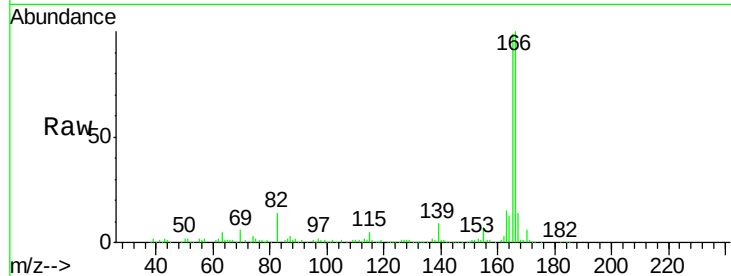
Tgt Ion:	166	Resp:	152885
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	14.0	10.6	16.0



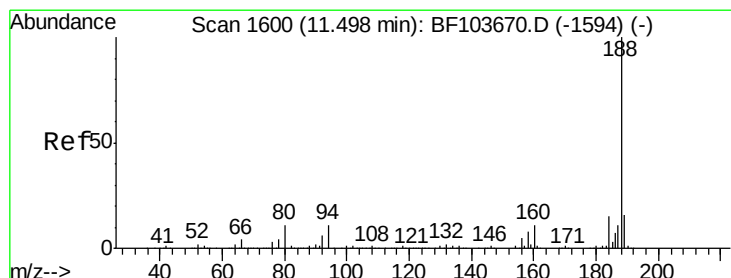
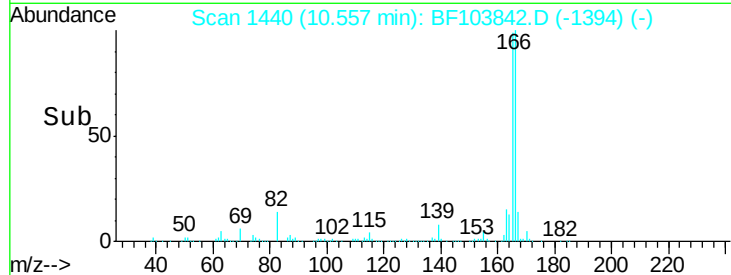
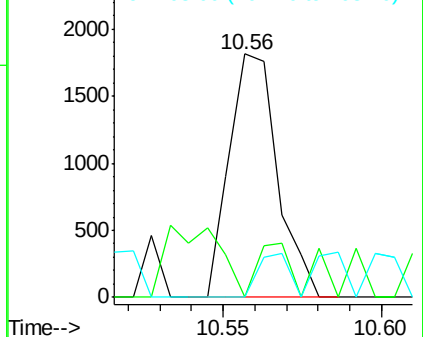


#61
4-Nitroaniline
Concen: 4.111 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.03 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

Tot Ion:138 Resp: 1907
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

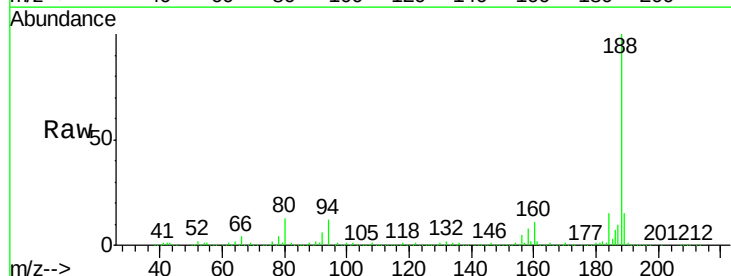


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

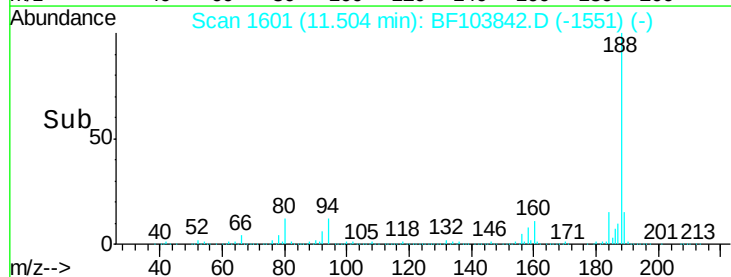
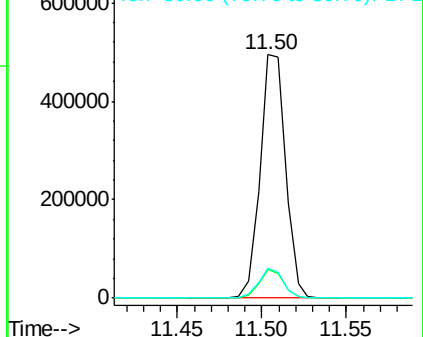


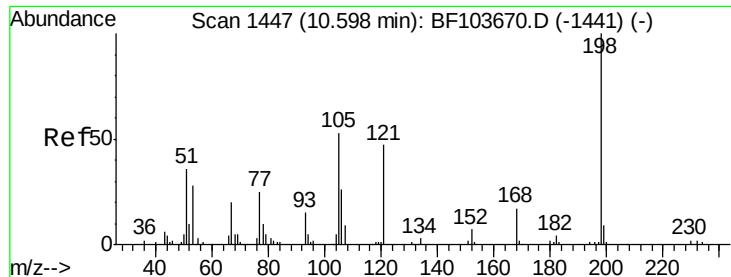
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

Tgt Ion:188 Resp: 518024
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.5 9.2 13.8



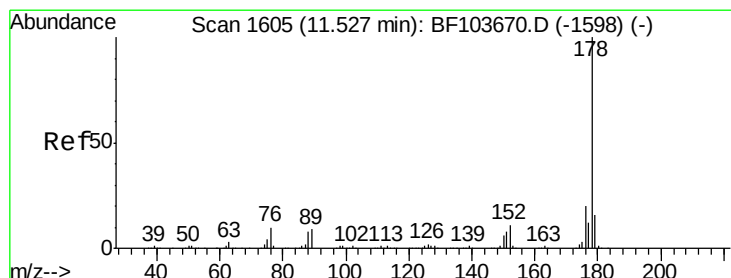
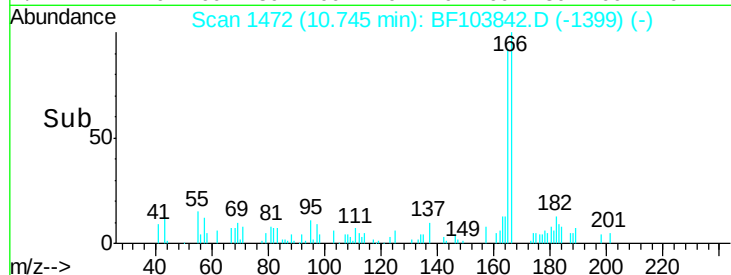
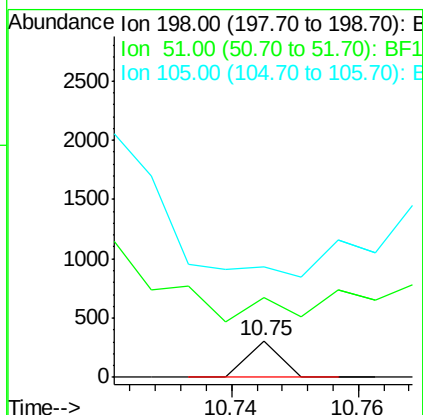
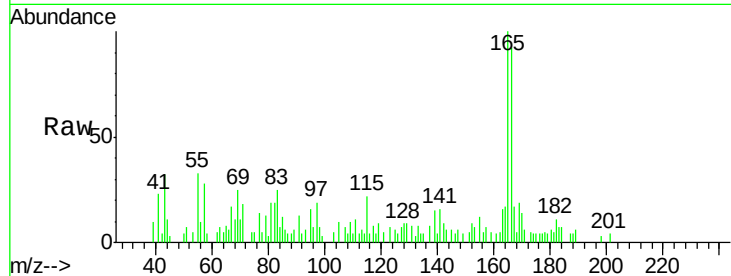
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





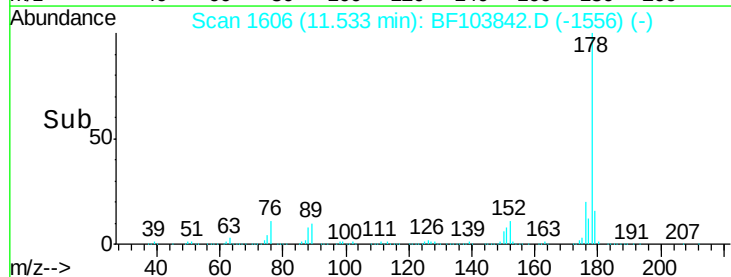
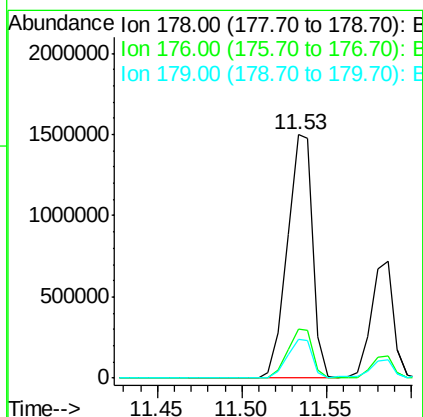
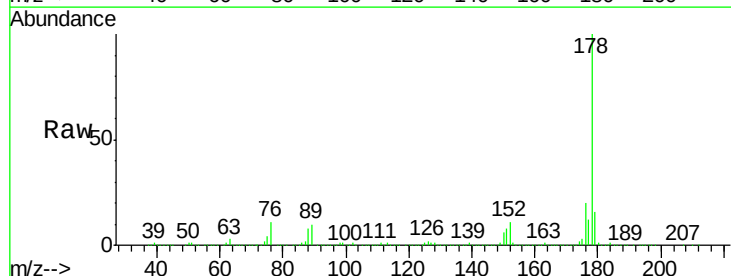
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.178 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. 0.13 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

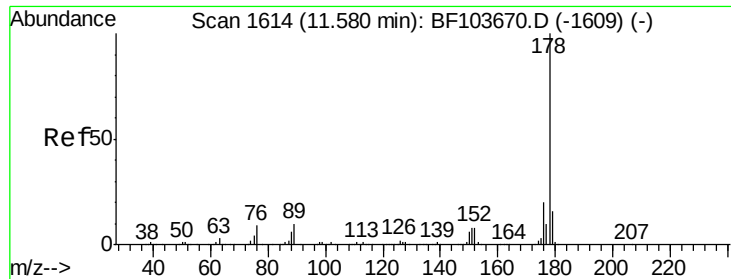
Tot Ion	Ratio	Lower	Upper
198	100		
51	218.2	37.7	77.7#
105	302.6	36.3	76.3#



#70
 Phenanthrene
 Concen: 55.258 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

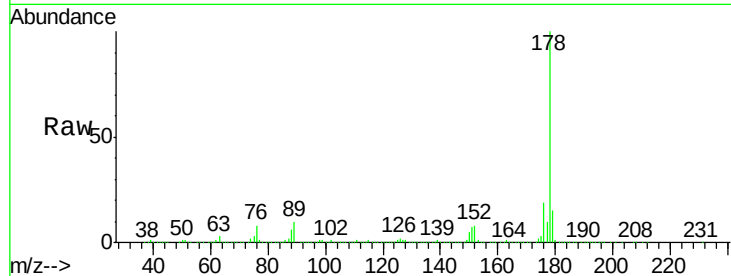
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.8	13.0	19.6



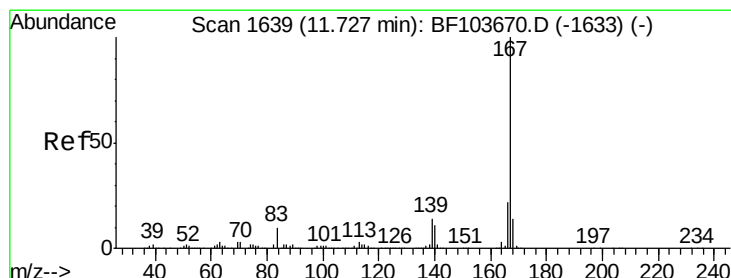
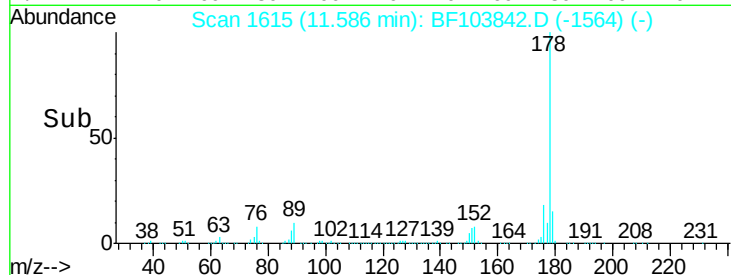
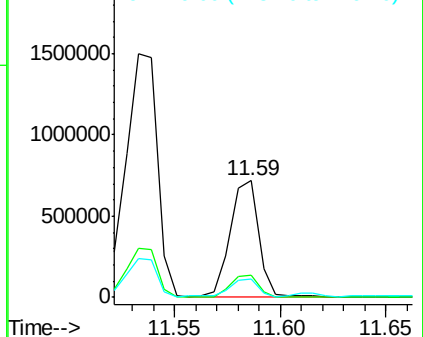


#71
 Anthracene
 Concen: 23.087 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tot Ion:178 Resp: 664468
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 15.5 12.6 19.0

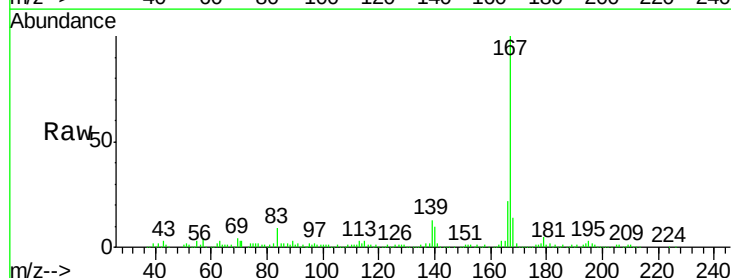


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

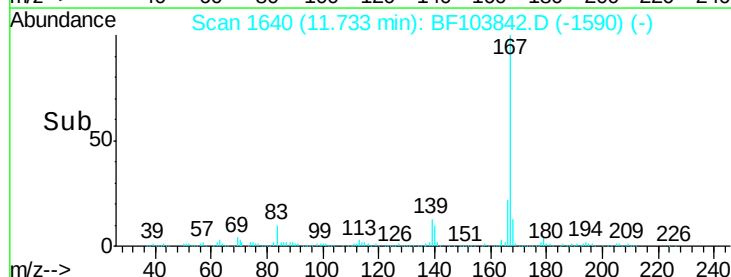
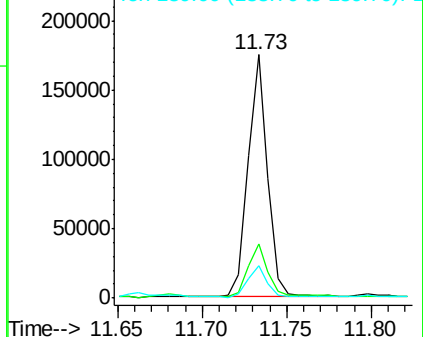


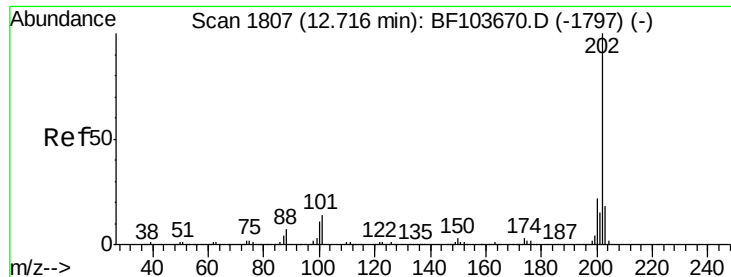
#72
 Carbazole
 Concen: 5.036 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tgt Ion:167 Resp: 140877
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.1 10.9 16.3



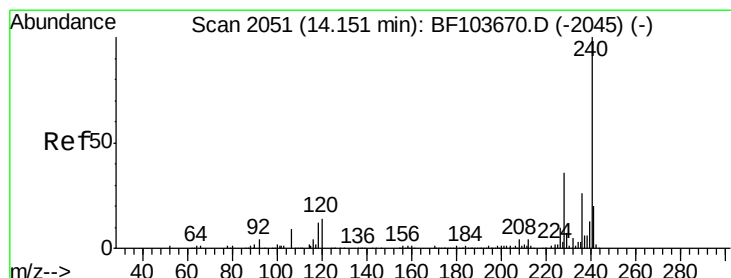
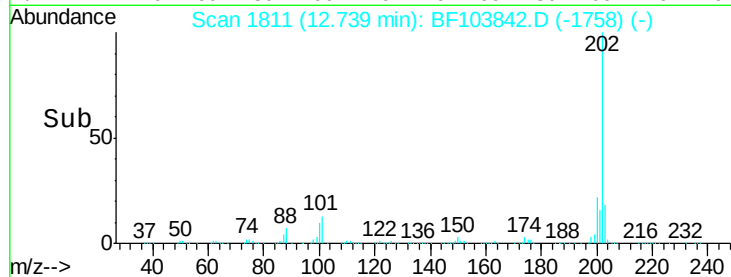
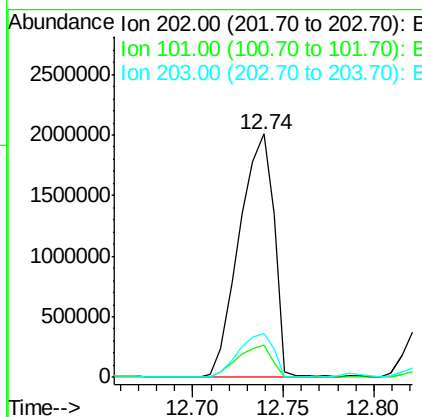
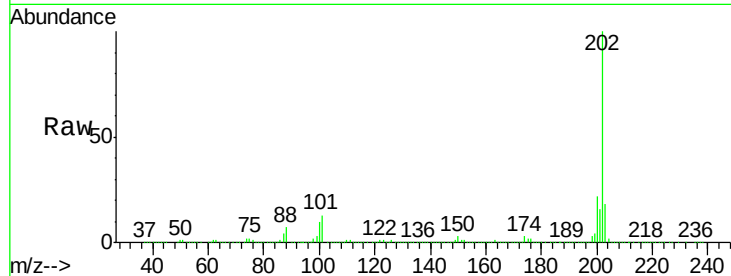
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





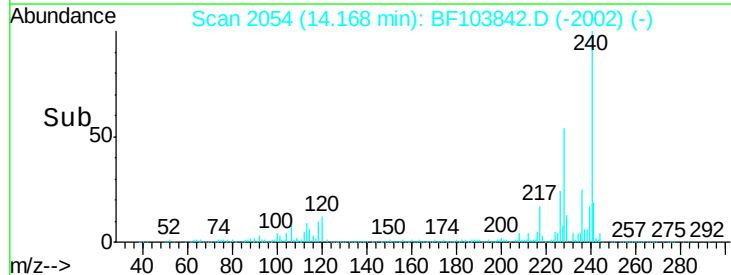
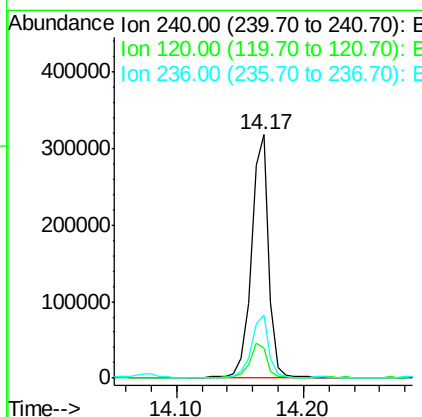
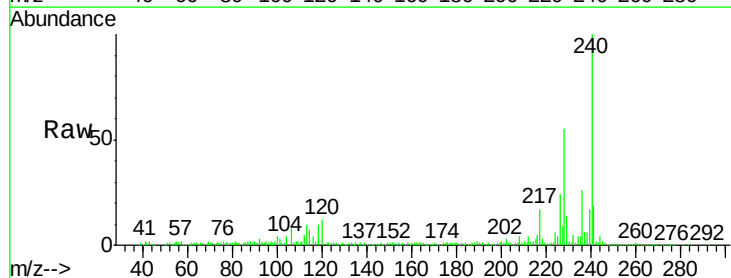
#74
Fluoranthene
Concen: 91.918 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

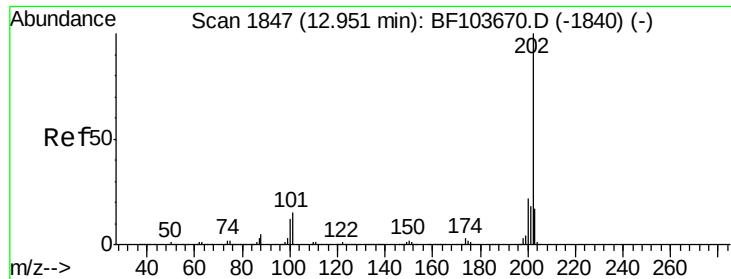
Tot Ion:202 Resp: 2683431
Ion Ratio Lower Upper
202 100
101 13.2 0.0 34.1
203 18.1 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

Tgt Ion:240 Resp: 298237
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 25.9 20.7 31.1





#77

Pvrene

Concen: 105.430 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.01 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

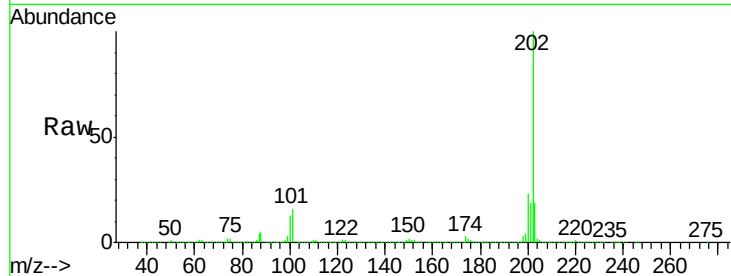
Tot Ion:202 Resp: 2309161

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.7	14.3	21.5

202 100

200 22.5 17.4 26.2

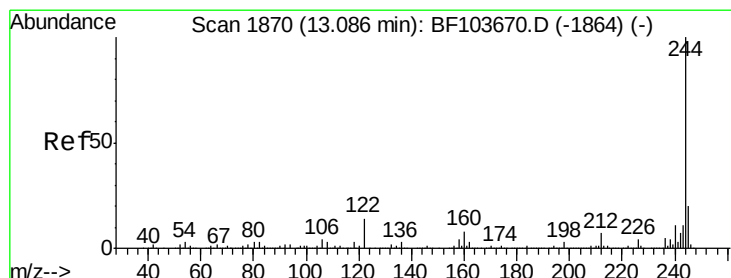
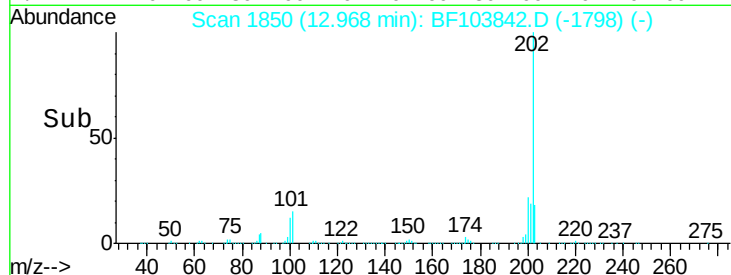
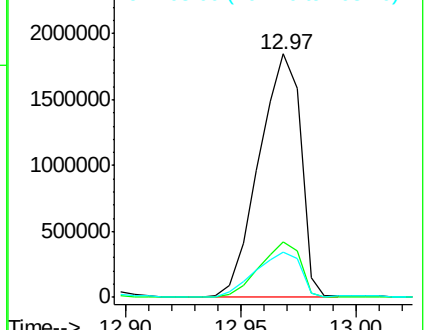
203 18.7 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

2500000 Ion 200.00 (199.70 to 200.70): E

2000000 Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 46.004 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

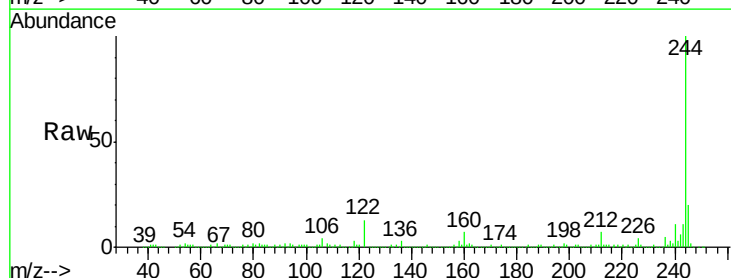
Tgt Ion:244 Resp: 591086

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.2	11.0	16.4

244 100

212 6.9 5.4 8.0

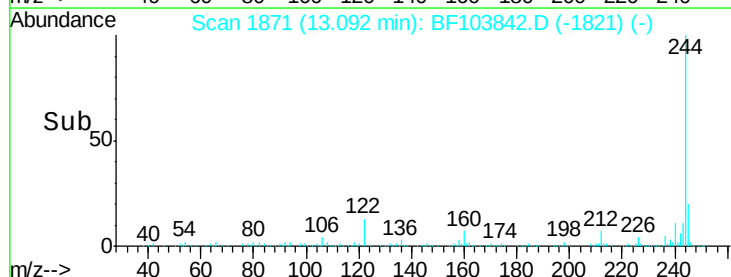
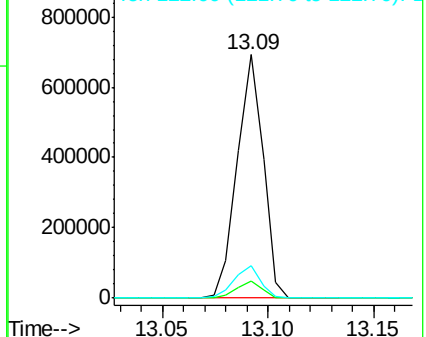
122 13.2 11.0 16.4

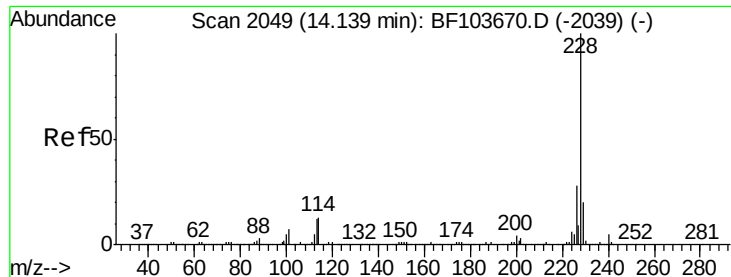


Abundance Ion 244.00 (243.70 to 244.70): E

800000 Ion 212.00 (211.70 to 212.70): E

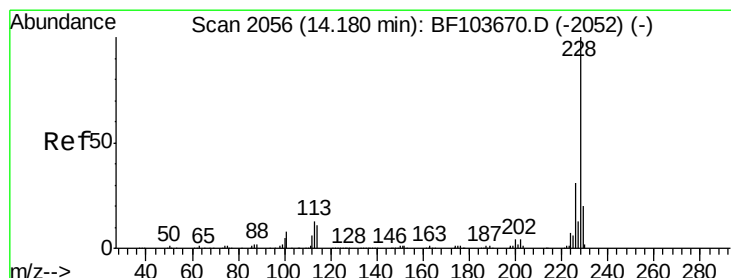
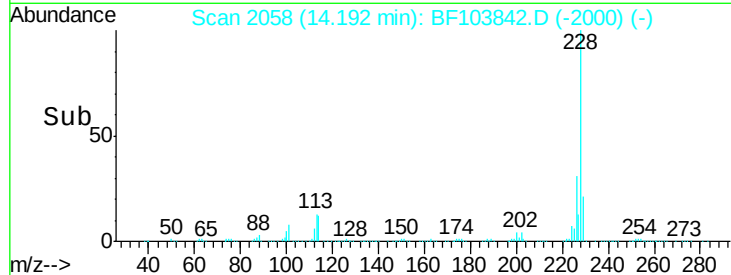
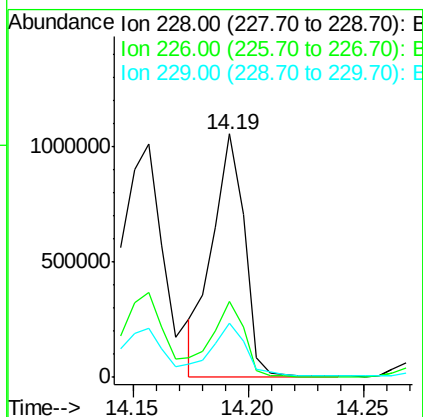
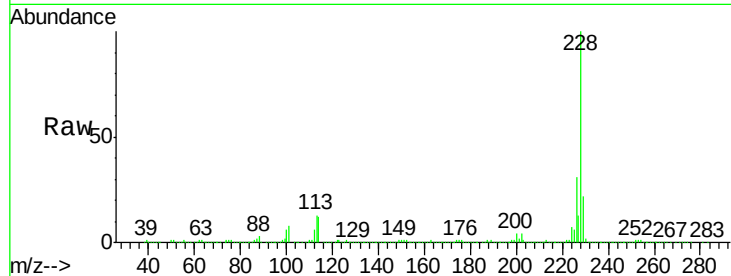
600000 Ion 122.00 (121.70 to 122.70): E





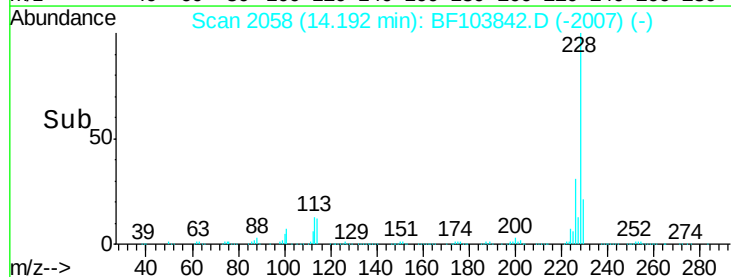
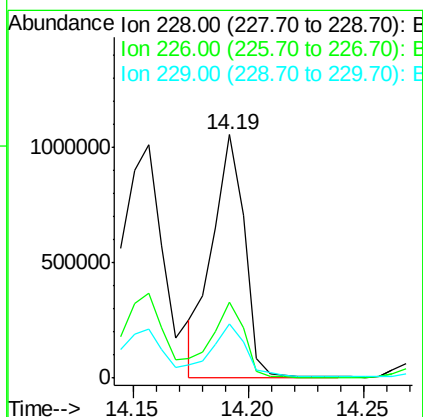
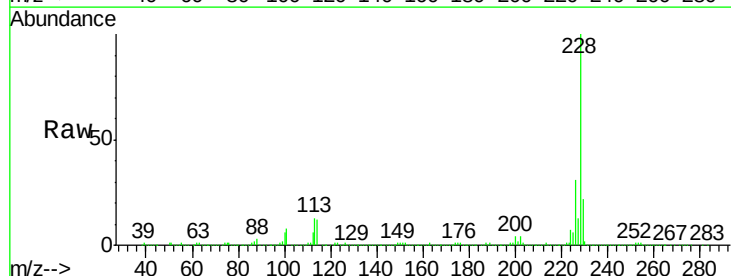
#80
Benzo(a)anthracene
Concen: 53.694 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.04 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

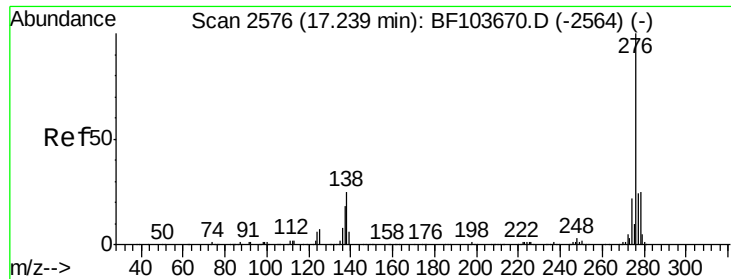
Tot Ion:228 Resp: 1013656
Ion Ratio Lower Upper
228 100
226 31.0 22.6 33.8
229 22.1 15.8 23.6



#82
Chrysene
Concen: 56.327 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BF103842.D
Acq: 22 Mar 2018 10:36

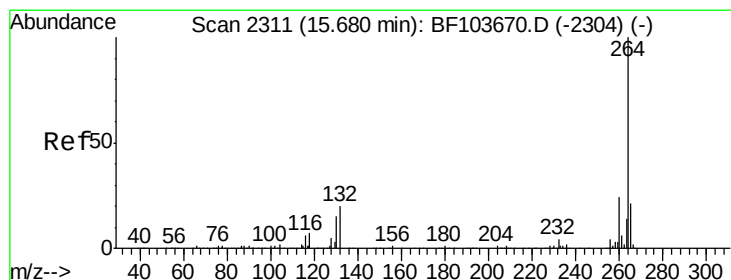
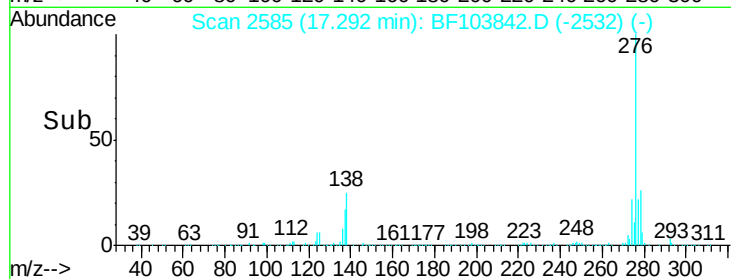
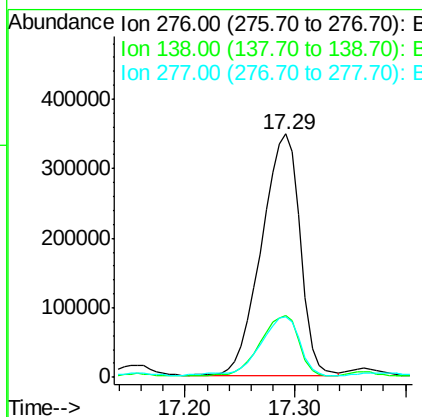
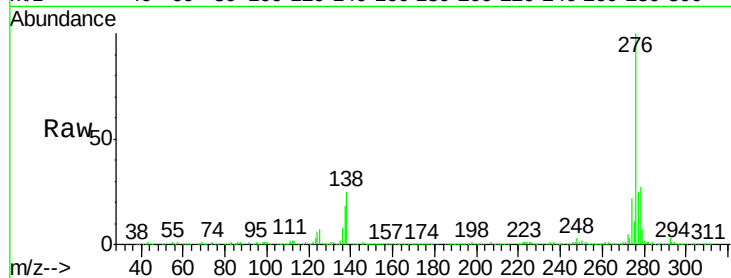
Tgt Ion:228 Resp: 1013656
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 22.1 16.2 24.4





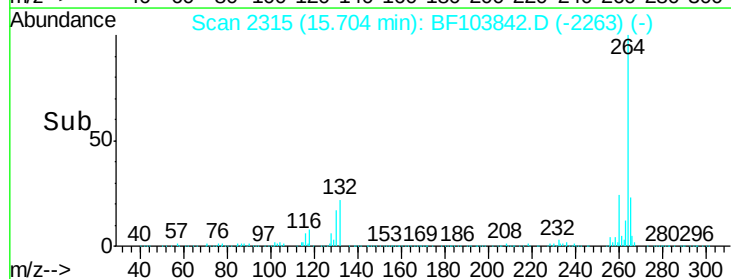
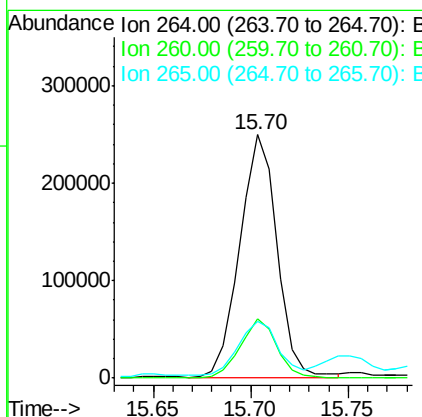
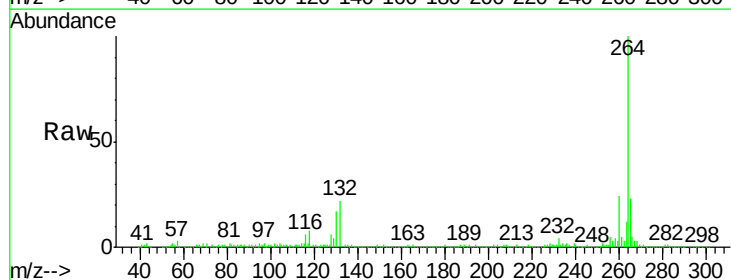
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.813 ng
 RT: 17.29 min Scan# 2585
 Delta R.T. 0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

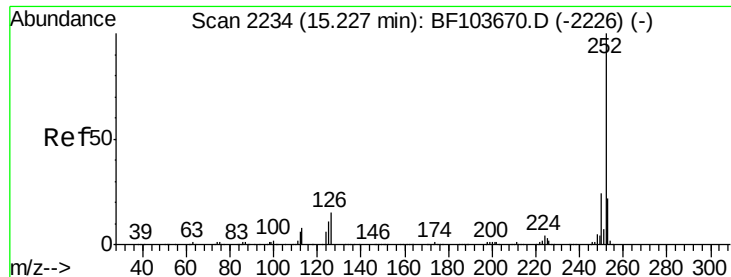
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.0	37.6
277	25.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. 0.01 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 89.840 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.01 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

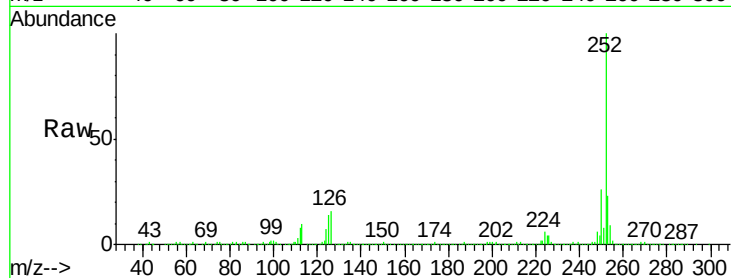
Tot Ion:252 Resp: 1863949

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.6

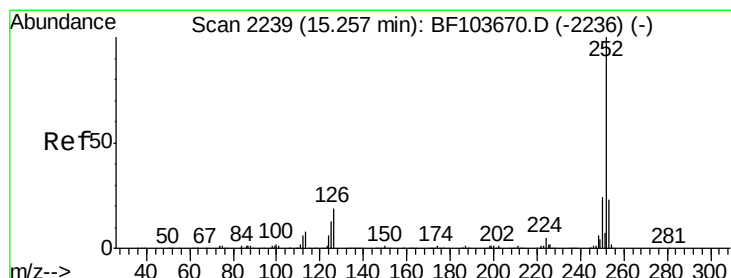
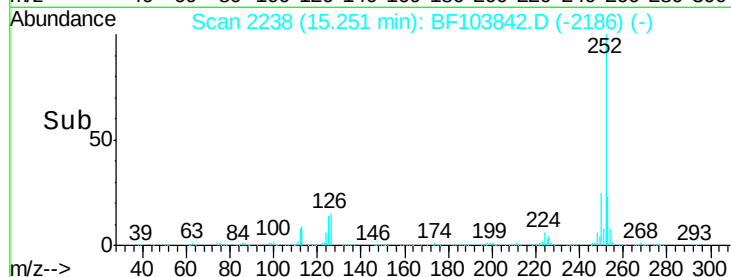
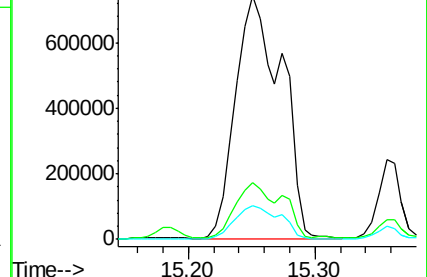
125 13.9 9.0 13.6#



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: 93.460 ng

RT: 15.25 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

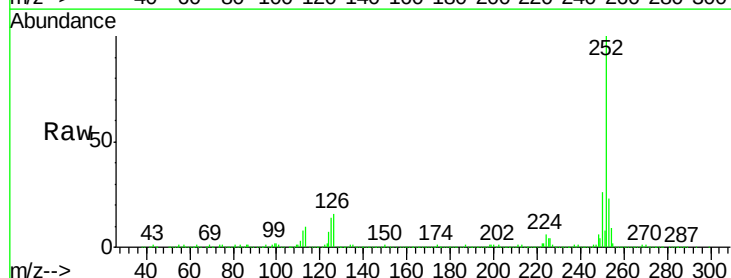
Tgt Ion:252 Resp: 1863949

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

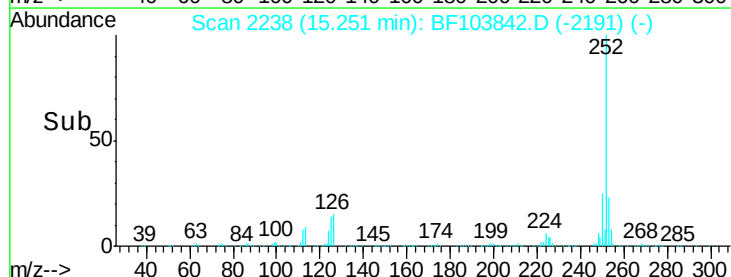
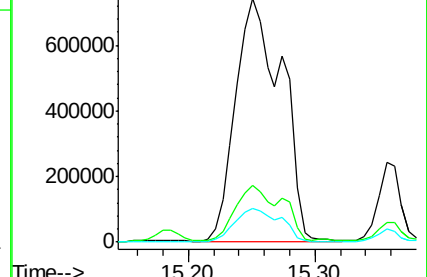
125 13.9 10.2 15.2

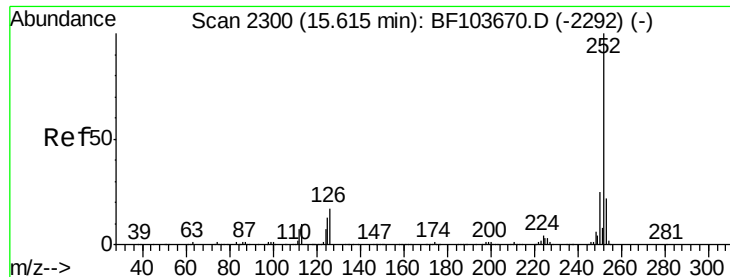


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 54.953 ng

RT: 15.64 min Scan# 2305

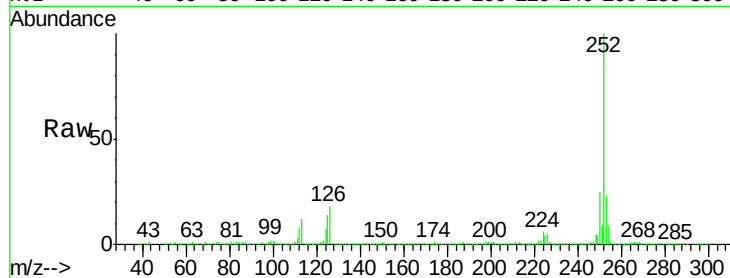
Delta R.T. 0.01 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

Tot Ion:252 Resp: 1034104

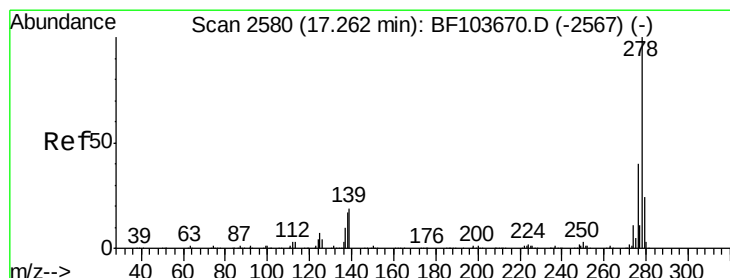
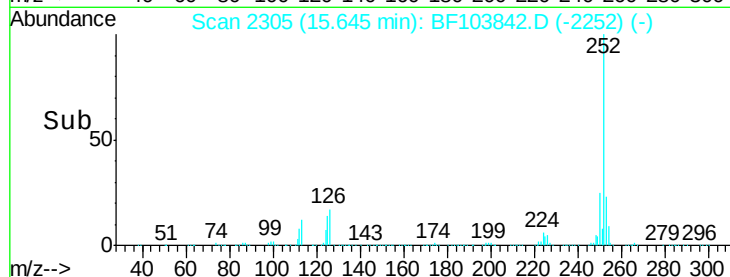
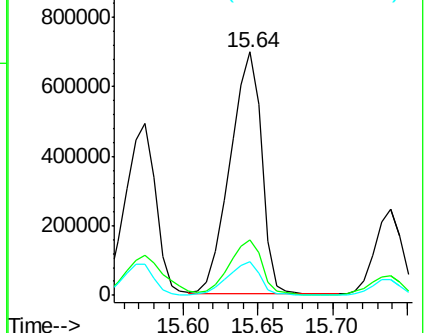
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	14.1	9.8	14.6



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: 11.799 ng

RT: 17.30 min Scan# 2586

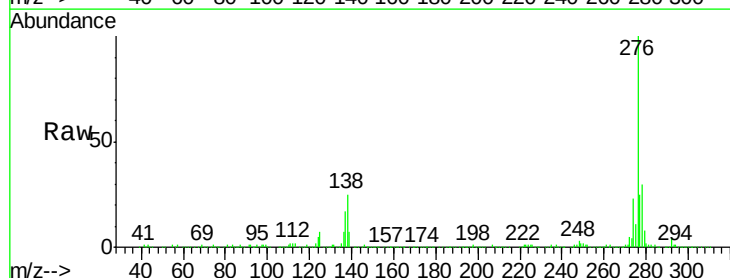
Delta R.T. -0.00 min

Lab File: BF103842.D

Acq: 22 Mar 2018 10:36

Tgt Ion:278 Resp: 192267

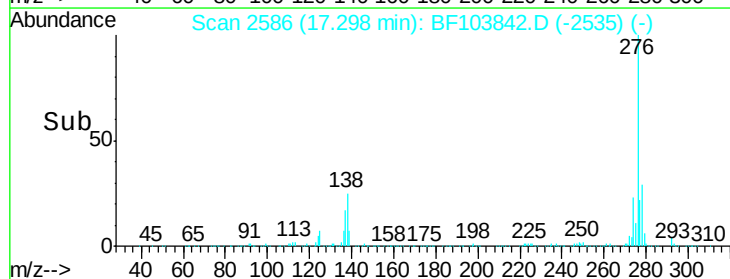
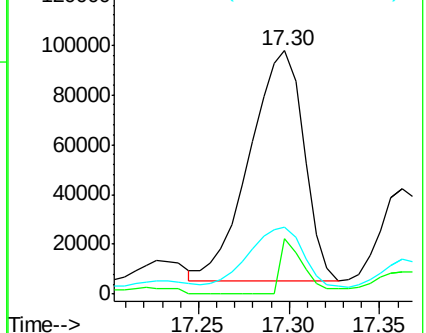
Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.9	23.9
279	27.5	19.0	28.4

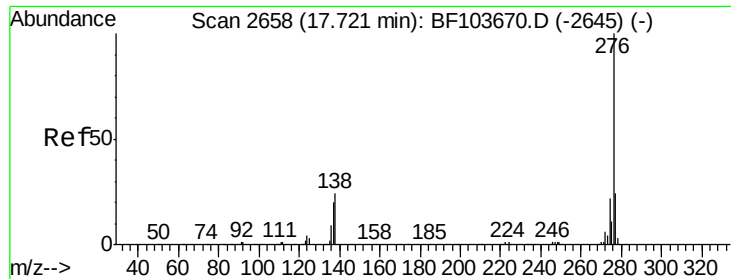


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

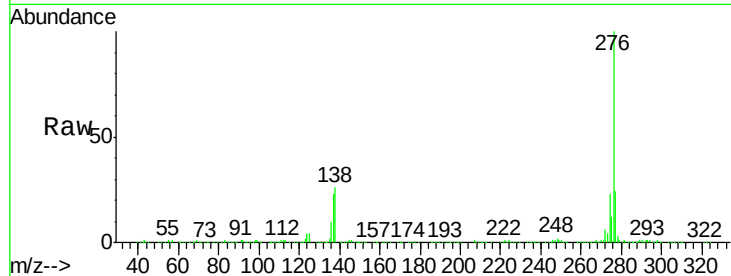
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 57.070 ng
 RT: 17.78 min Scan# 2668
 Delta R.T. 0.02 min
 Lab File: BF103842.D
 Acq: 22 Mar 2018 10:36

Tot Ion:276	Resp:	904671
Ion	Ratio	Lower Upper
276	100	
277	24.4	17.9 26.9
138	25.8	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

