

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103843.D
 Acq On : 22 Mar 2018 11:02
 Operator : JU/SJ
 Sample : J1946-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 22 11:57:46 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	140410	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	578434	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	276283	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	515940	20.00	ng	0.00
75) Chrysene-d12	14.16	240	404238	20.00	ng	0.00
86) Perylene-d12	15.69	264	312076	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1067581	115.65	ng	0.00
7) Phenol-d6	6.59	99	1306482	115.68	ng	0.00
23) Nitrobenzene-d5	7.53	82	791343	95.40	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	344928	145.20	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1290245	74.49	ng	0.00
78) Terphenyl-d14	13.10	244	1311382	75.30	ng	0.00

Target Compounds

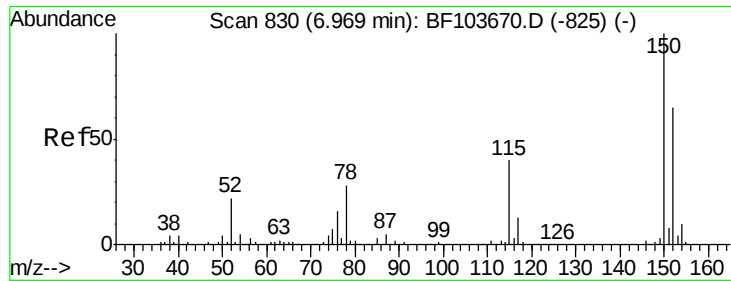
						Qvalue
10) Phenol	6.60	94	105550	8.795	ng	95
19) n-Nitroso-di-n-propylamine	7.53	70	101461	14.018	ng	# 74
25) Isophorone	7.53	82	791336	41.212	ng	# 64
26) 2-Nitrophenol	7.73	139	169	9.483	ng	# 34
31) Naphthalene	8.27	128	1036681	35.479	ng	99
32) Benzoic acid	7.89	122	731	10.005	ng	96
33) 4-Chloroaniline	8.27	127	137921	11.251	ng	# 33
37) 2-Methylnaphthalene	8.96	142	359985	19.427	ng	99
45) 1,1'-Biphenyl	9.43	154	77853	3.379	ng	96
47) 2-Nitroaniline	9.52	65	1387	7.063	ng	# 24
48) Acenaphthylene	9.87	152	143249	5.048	ng	97
49) Dimethylphthalate	9.72	163	164834	7.820	ng	99
50) 2,6-Dinitrotoluene	9.72	165	3716	4.819	ng	# 35
51) Acenaphthene	10.05	154	94582	5.614	ng	97
52) 3-Nitroaniline	10.05	138	123	3.838	ng	# 2
55) 4-Nitrophenol	10.11	139	2319	5.533	ng	# 47
56) 2,4-Dinitrotoluene	10.18	165	2660	6.662	ng	# 61
57) Fluorene	10.56	166	151716	8.125	ng	99
61) 4-Nitroaniline	10.56	138	2076	4.156	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.80	198	712	8.530	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20624	3.893	ng	# 1
70) Phenanthrene	11.53	178	654606	23.194	ng	98
71) Anthracene	11.58	178	177563	6.194	ng	99
74) Fluoranthene	12.72	202	362325	12.461	ng	99
77) Pyrene	12.96	202	510902	17.210	ng	99
80) Benzo(a)anthracene	14.18	228	172421	6.738	ng	96
82) Chrysene	14.18	228	172421	7.069	ng	96
85) Indeno(1,2,3-cd)pyrene	17.25	276	46312	2.174	ng	95
87) Benzo(b)fluoranthene	15.23	252	132628	6.727	ng	# 90
88) Benzo(k)fluoranthene	15.23	252	132628	6.998	ng	# 93
89) Benzo(a)pyrene	15.62	252	102991	5.759	ng	96
91) Benzo(a,h,i)perylene	17.74	276	54930	3.646	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

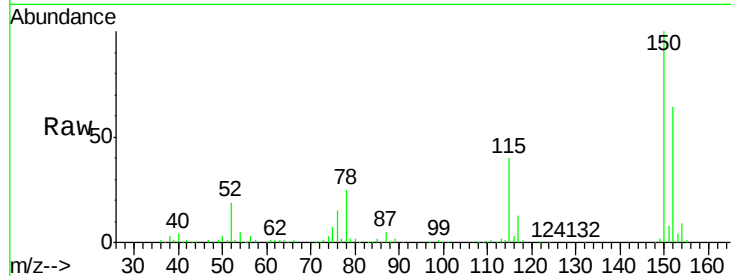
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



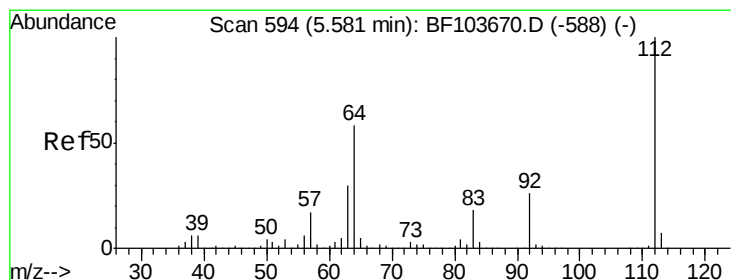
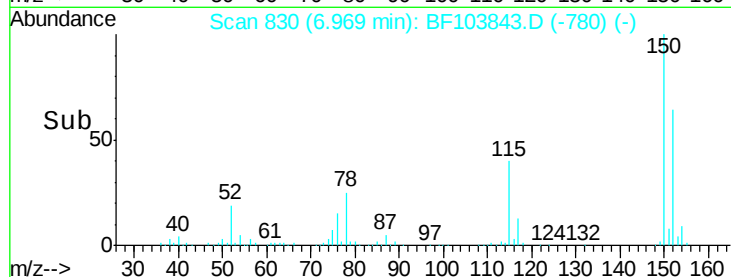
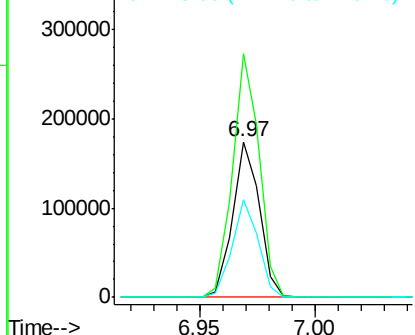
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion	152	Resp	140410
Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.8	50.1	75.1



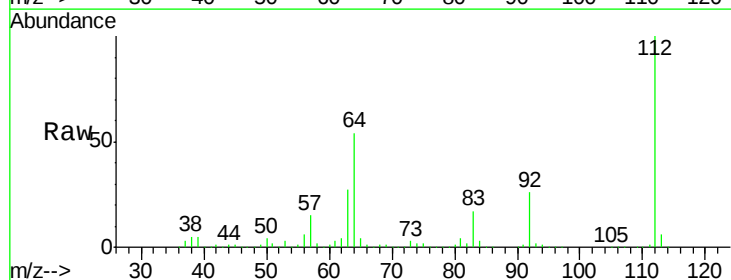
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



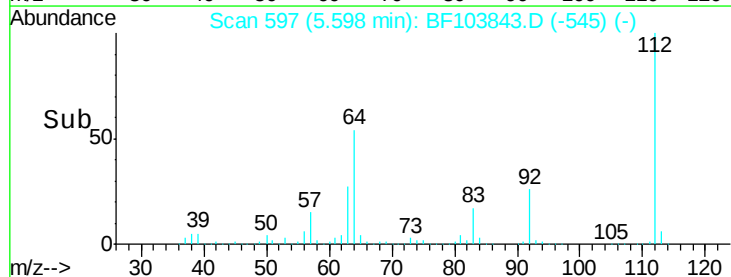
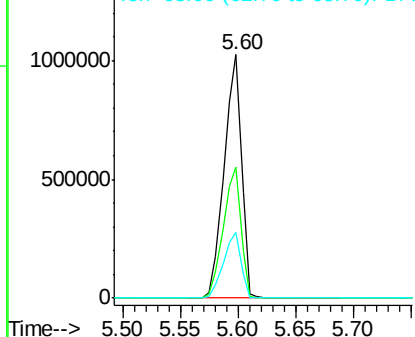
#5

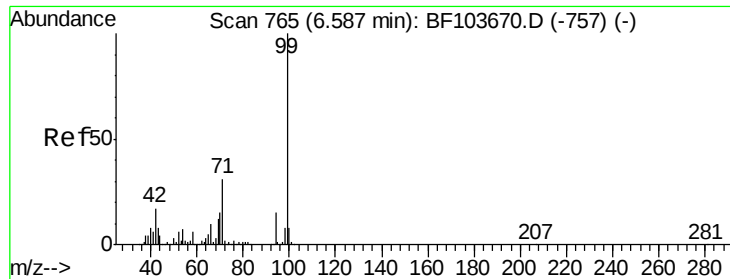
2-Fluorophenol
Concen: 115.646 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion	112	Resp	1067581
Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	27.2	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: 115.679 ng

RT: 6.59 min Scan# 766

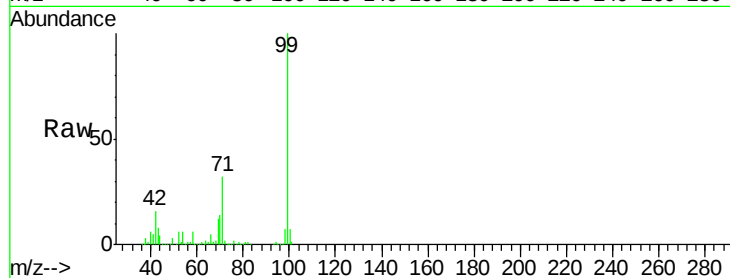
Delta R.T. -0.01 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

Tot Ion: 99 Resp: 1306482

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.5	21.7
71	32.3	25.4	38.0

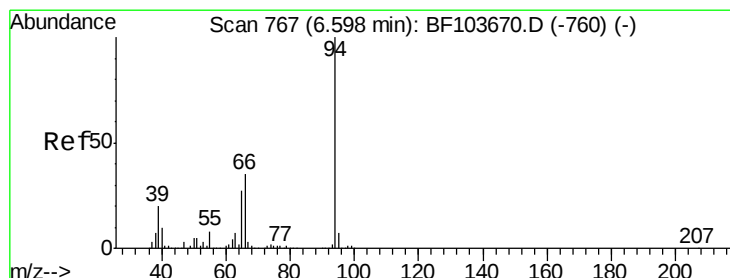
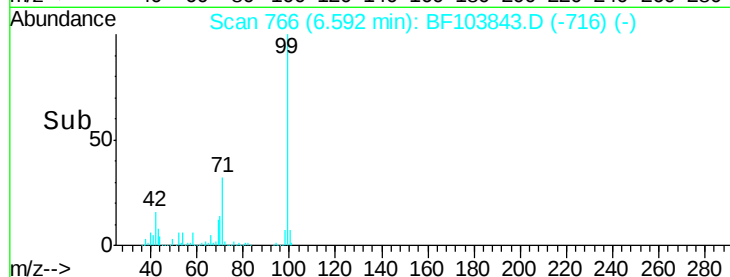
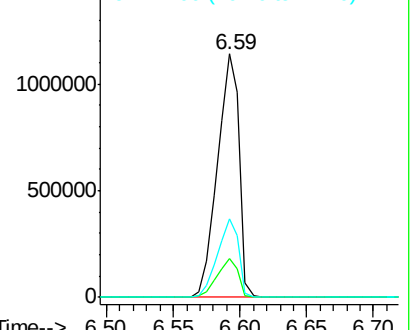


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 8.795 ng

RT: 6.60 min Scan# 768

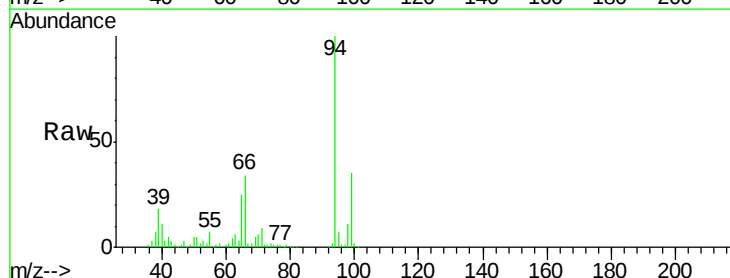
Delta R.T. -0.01 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

Tgt Ion: 94 Resp: 105550

Ion	Ratio	Lower	Upper
94	100		
65	24.6	7.9	47.9
66	33.5	16.2	56.2

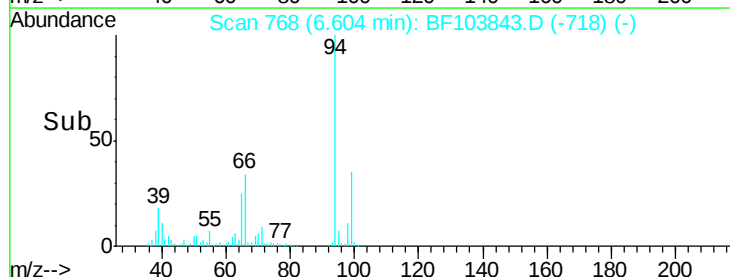
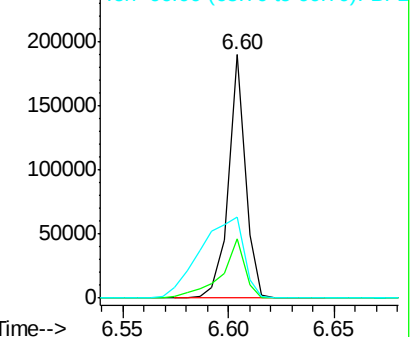


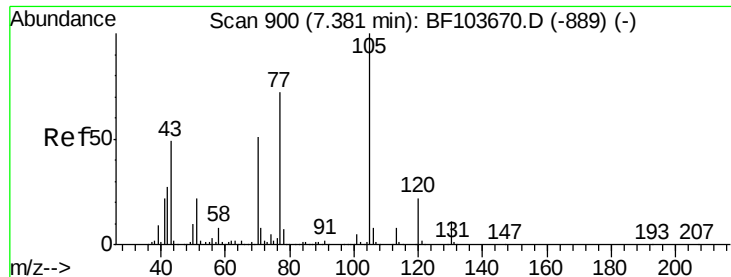
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

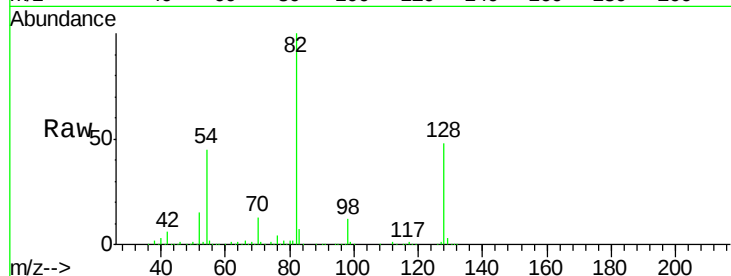
Ion 66.00 (65.70 to 66.70): BF1





#19
n-Nitroso-di-n-propylamine
Concen: 14.018 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.9	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

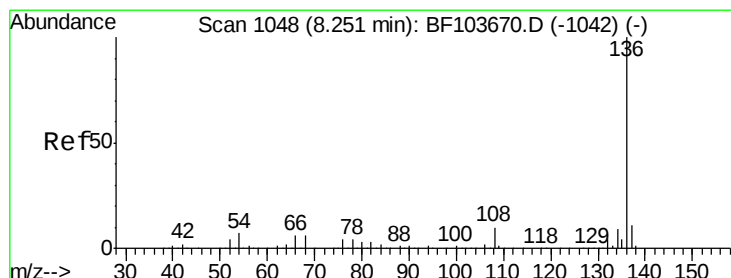
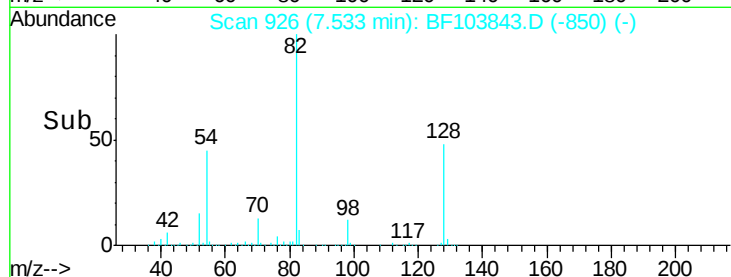
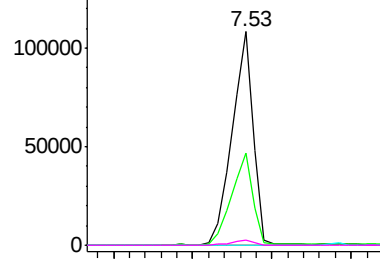


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF103843.D
Acq: 22 Mar 2018 11:02

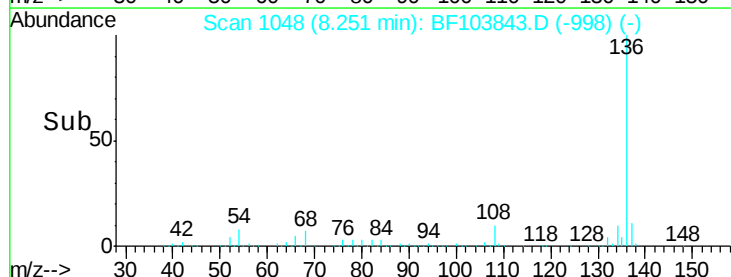
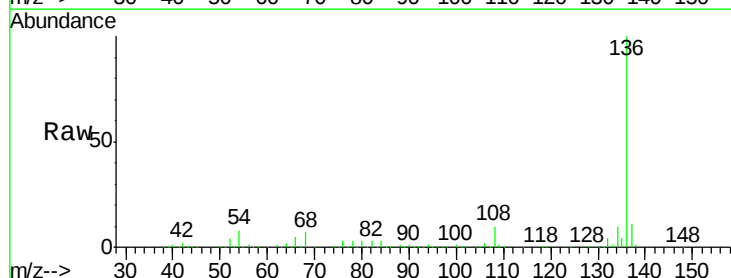
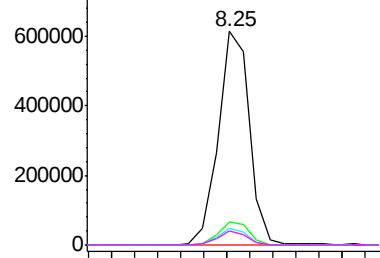
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.6	9.8
68	6.5	5.0	7.4

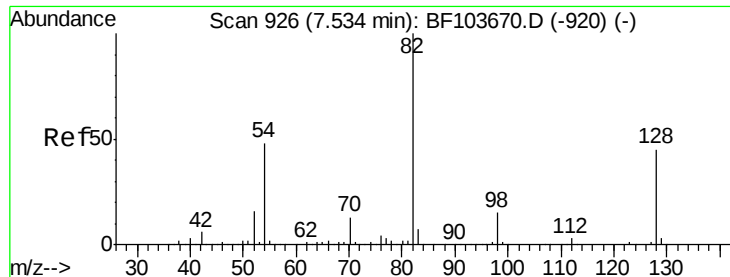
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

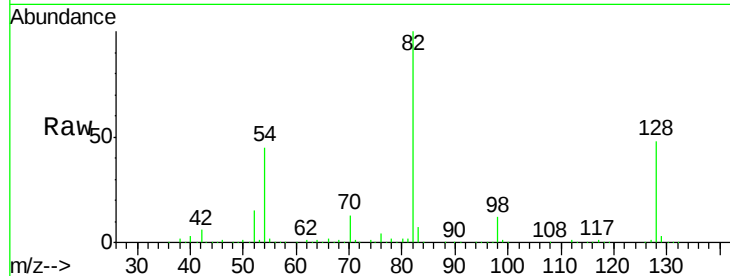
Ion 68.00 (67.70 to 68.70): BF1



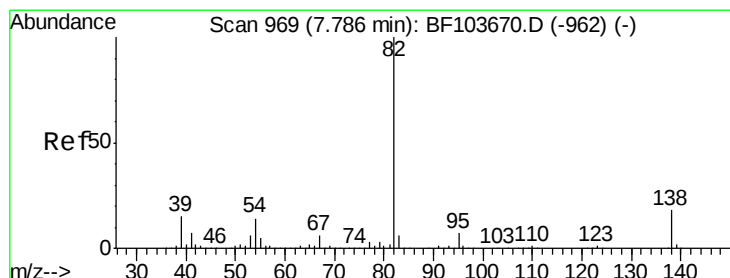
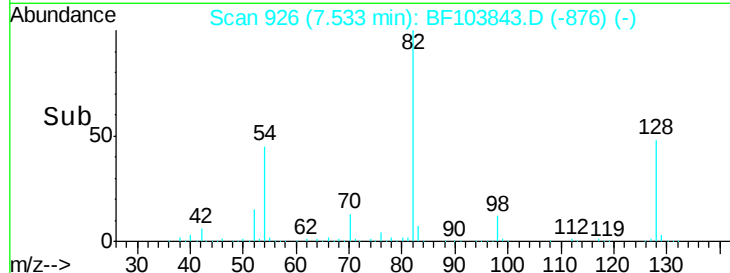
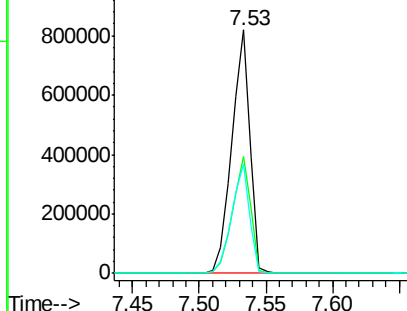


#23
Nitrobenzene-d5
Concen: 95.404 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion: 82 Resp: 791343
Ion Ratio Lower Upper
82 100
128 48.0 36.1 54.1
54 44.8 41.4 62.2

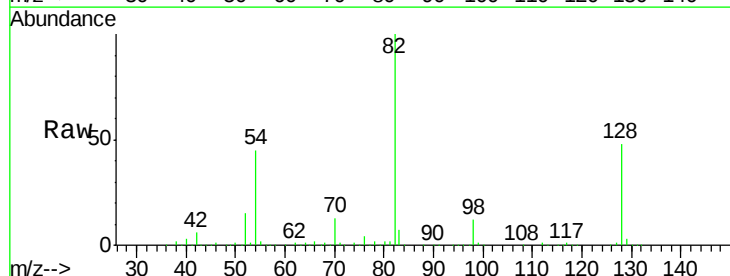


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

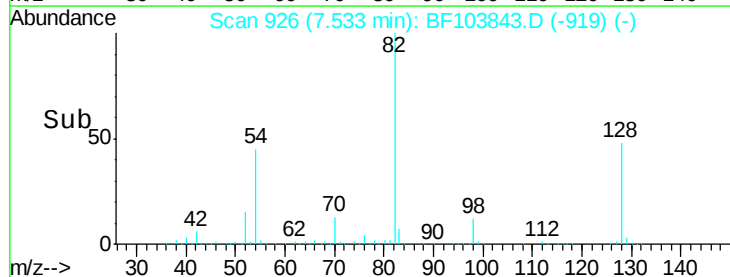
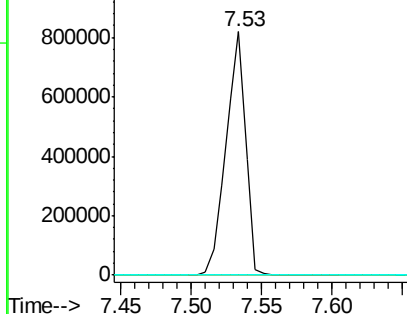


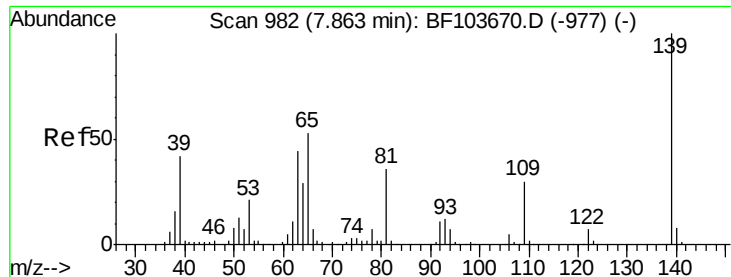
#25
Isophorone
Concen: 41.212 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion: 82 Resp: 791336
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



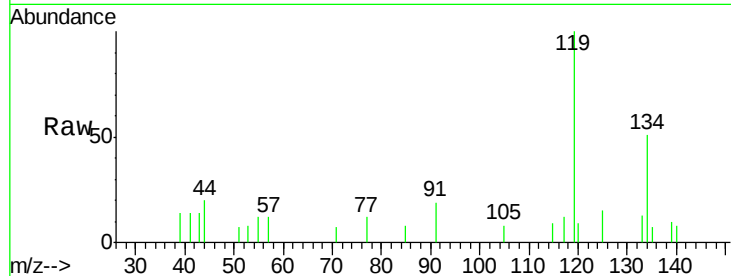
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



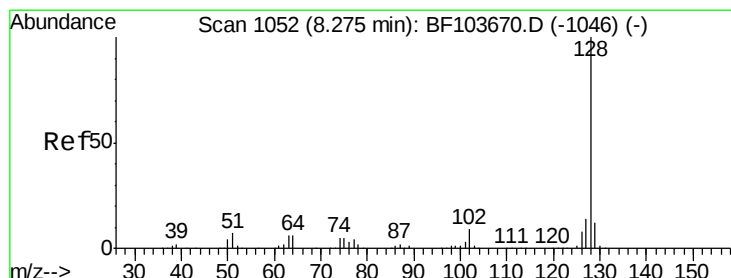
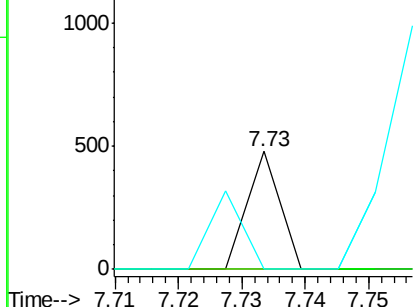
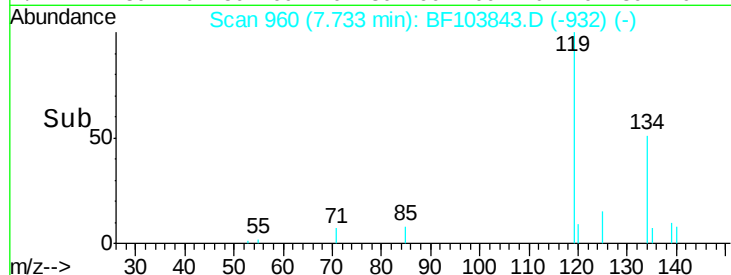


#26
2-Nitrophenol
Concen: 9.483 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.14 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion:139 Resp: 169
Ion Ratio Lower Upper
139 100
109 0.0 22.7 34.1#
65 0.0 40.5 60.7#

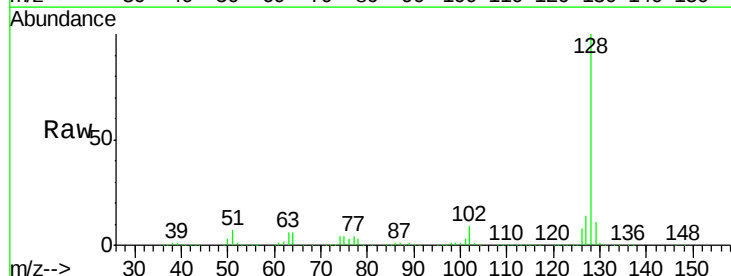


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

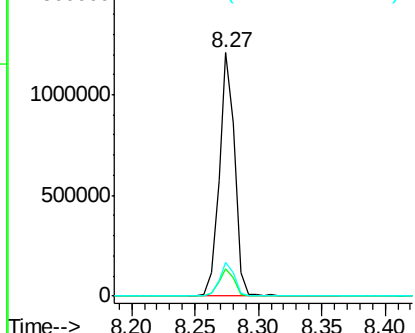
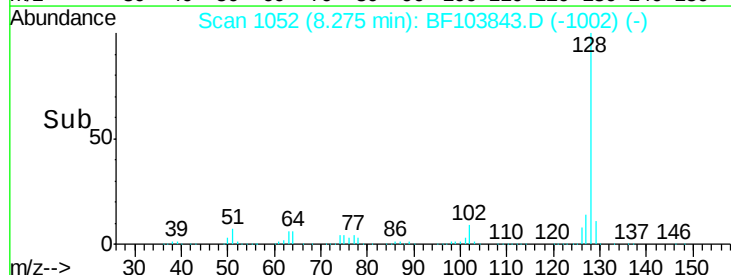


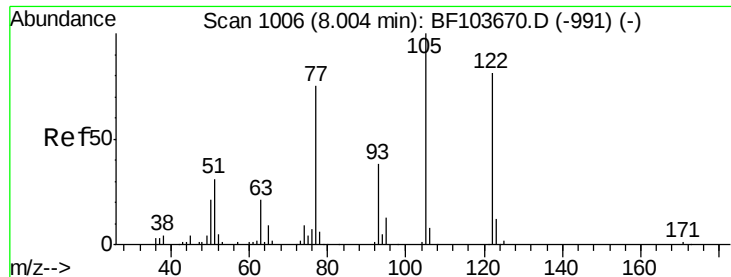
#31
Naphthalene
Concen: 35.479 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion:128 Resp: 1036681
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3



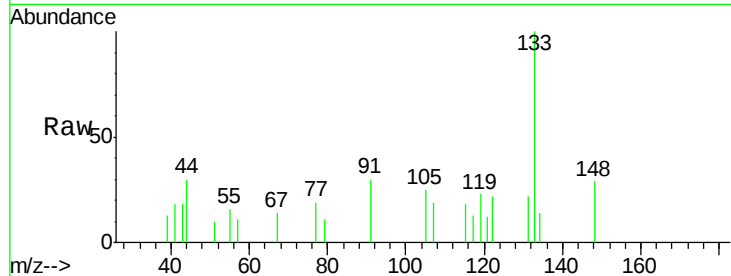
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



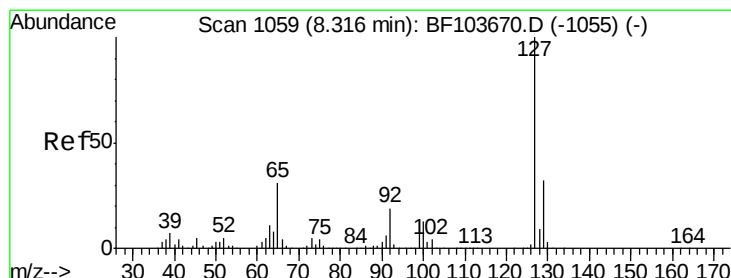
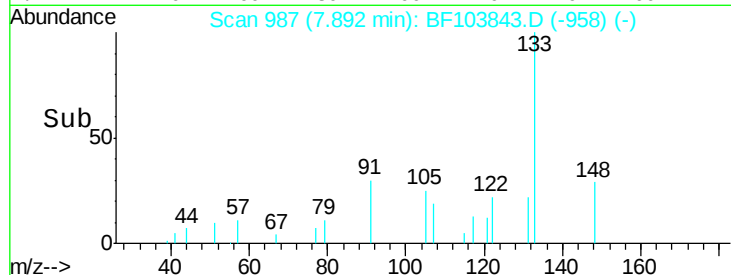
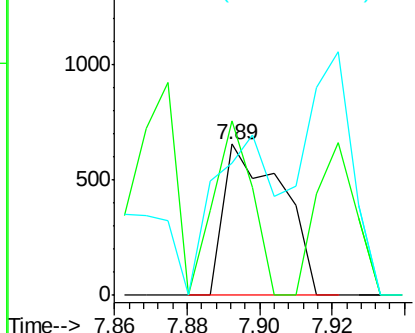


#32
Benzoic acid
Concen: 10.005 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.13 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion:122 Resp: 731
Ion Ratio Lower Upper
122 100
105 115.5 101.1 141.1
77 87.3 70.7 110.7

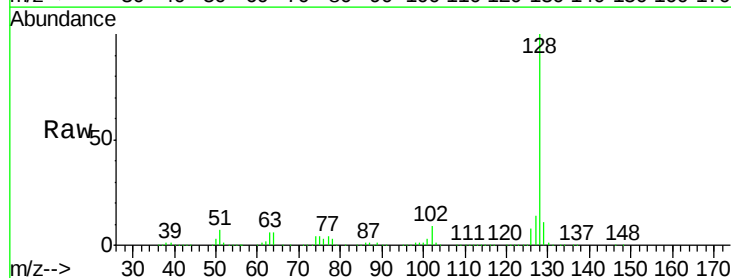


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

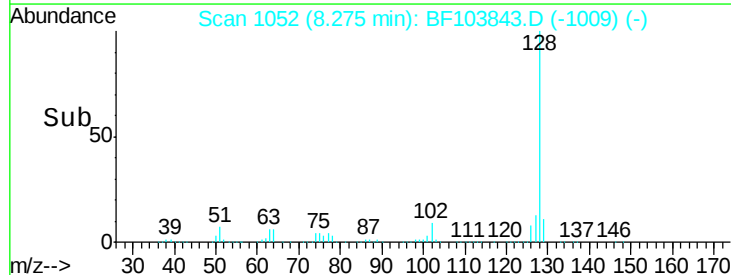
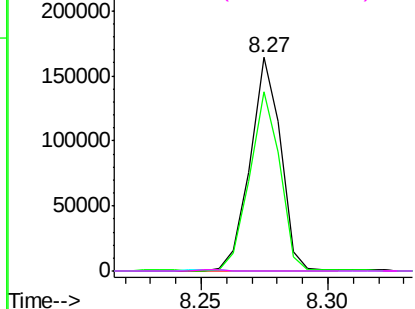


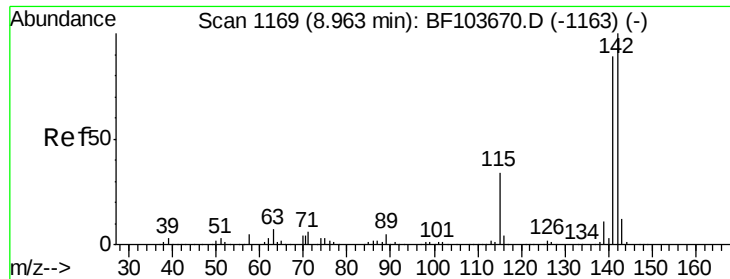
#33
4-Chloroaniline
Concen: 11.251 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.05 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion:127 Resp: 137921
Ion Ratio Lower Upper
127 100
129 84.0 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#



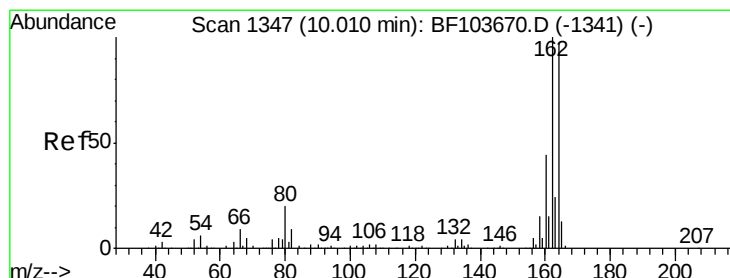
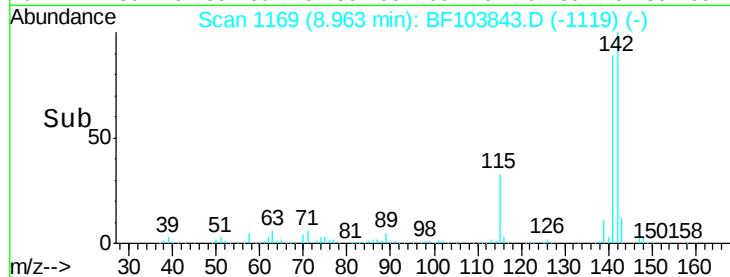
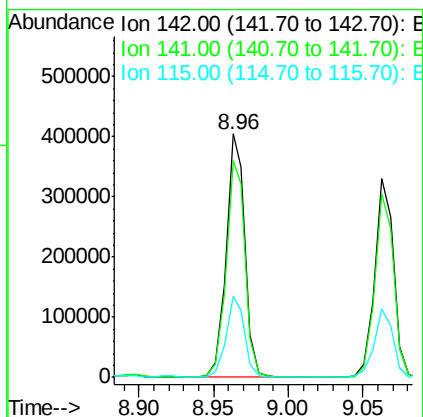
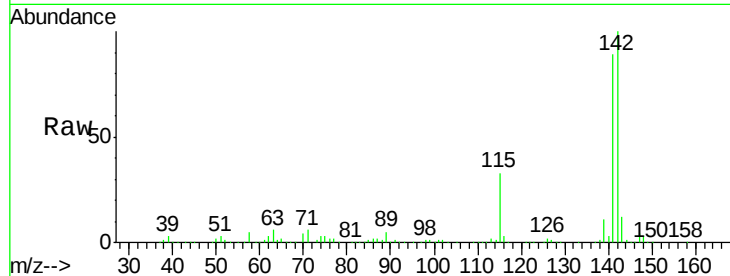
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1





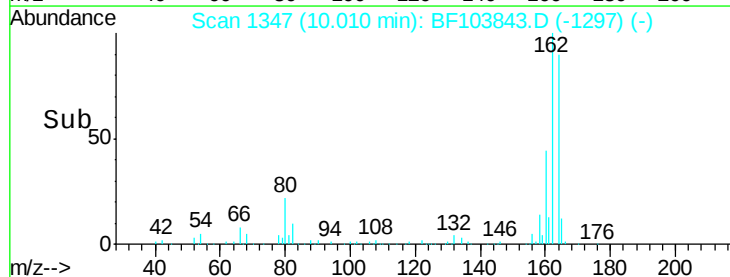
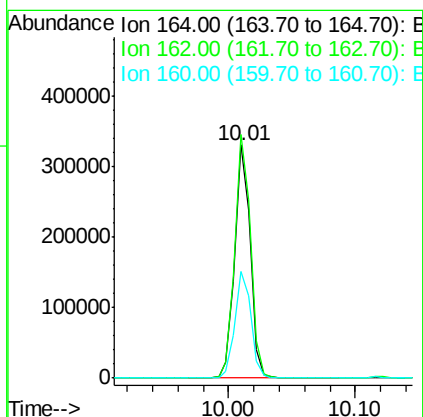
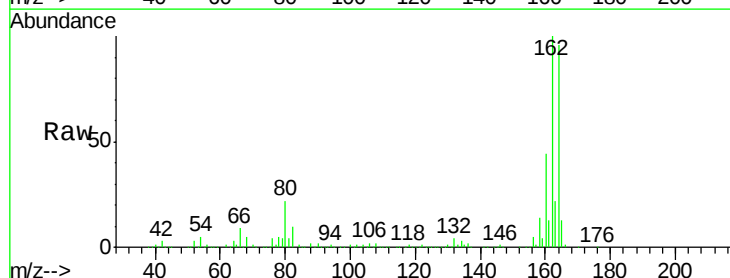
#37
2-Methylnaphthalene
Concen: 19.427 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

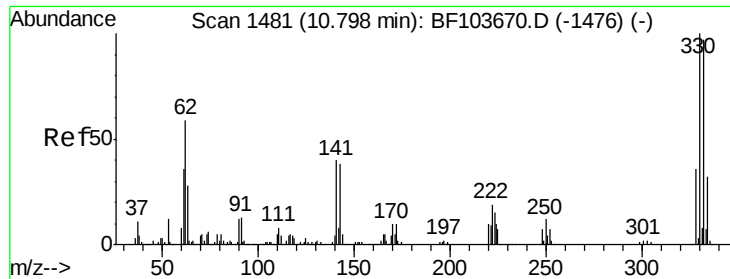
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	33.3	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

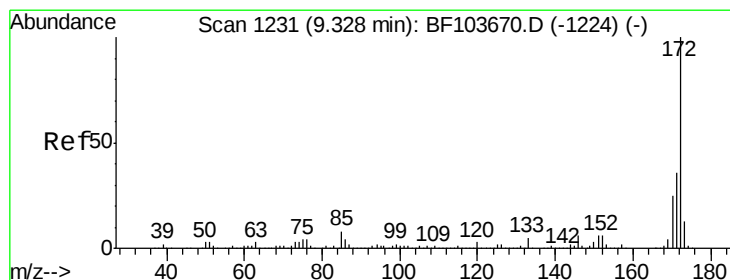
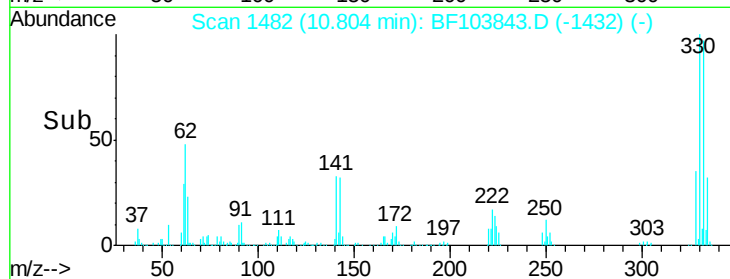
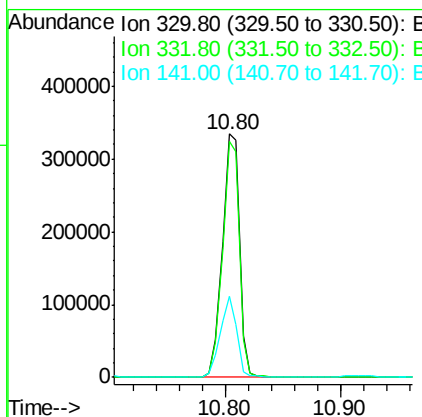
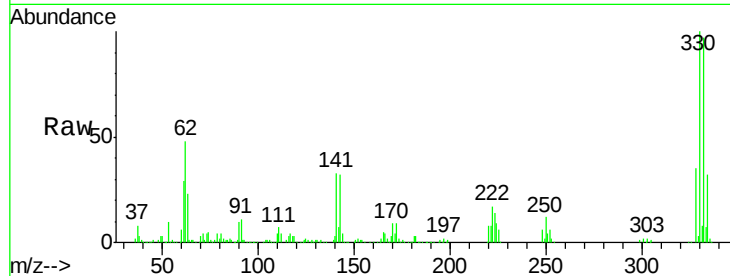
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.9	38.3	57.5





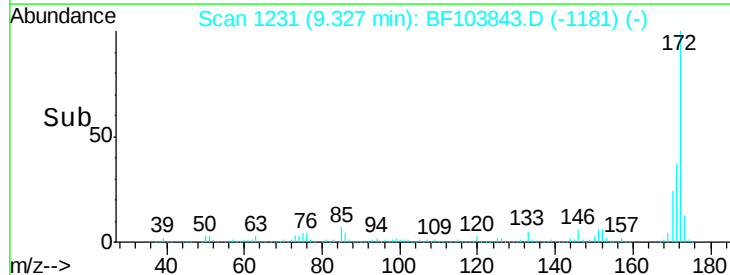
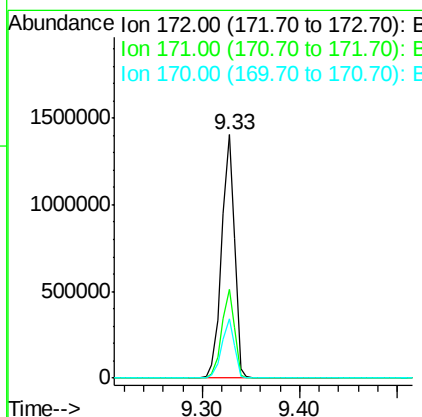
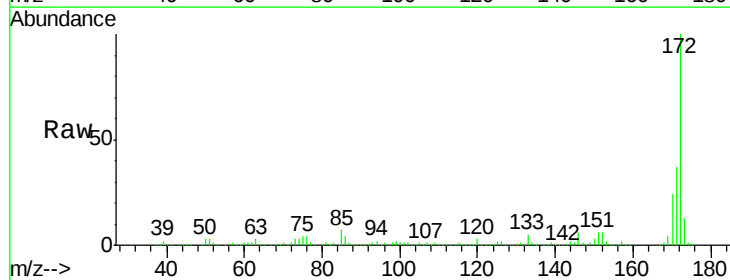
#41
 2,4,6-Tribromophenol
 Concen: 145.202 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

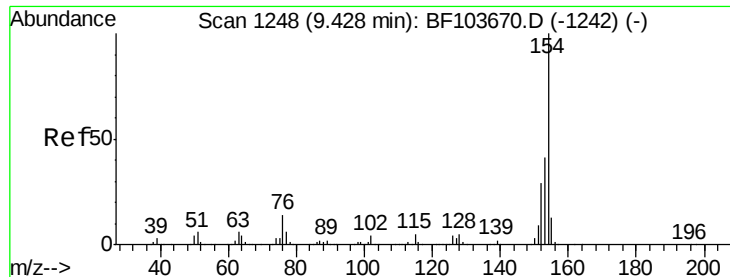
Tot Ion	330	332	141
Resp:	344928		
Ion Ratio	100	95.6	31.4
Lower		77.0	29.9
Upper		115.6	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.494 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

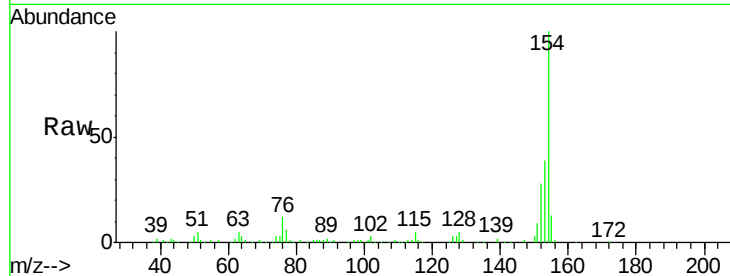
Tgt Ion	172	171	170
Resp:	1290245		
Ion Ratio	100	36.6	24.3
Lower		29.7	19.6
Upper		44.5	29.4



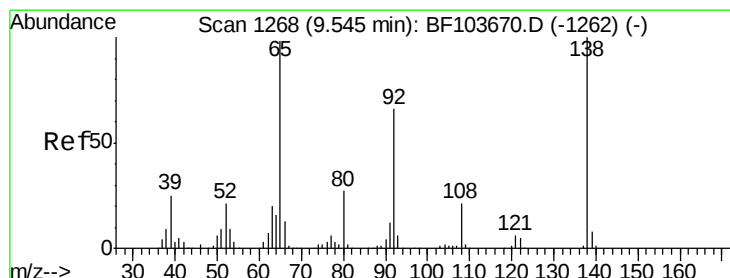
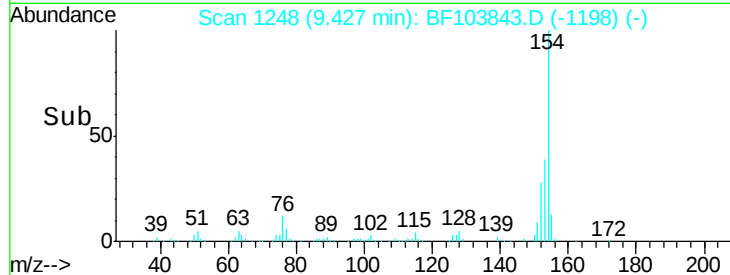
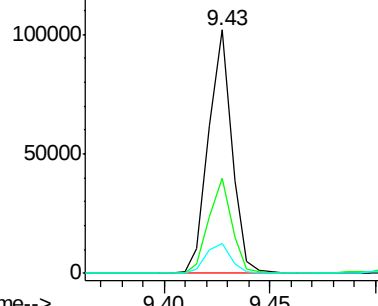


#45
 1,1'-Biphenyl
 Concen: 3.379 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

Tot Ion:	154	Resp:	77853
Ion	Ratio	Lower	Upper
154	100		
153	38.8	21.3	61.3
76	12.2	0.0	34.0

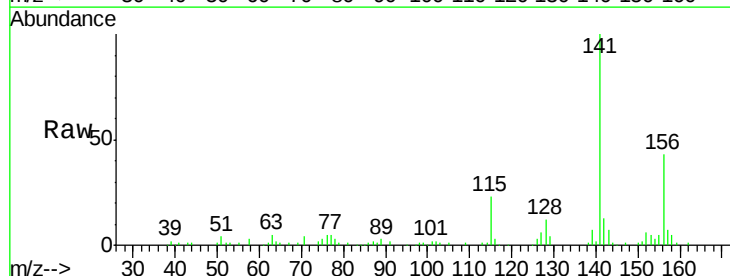


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

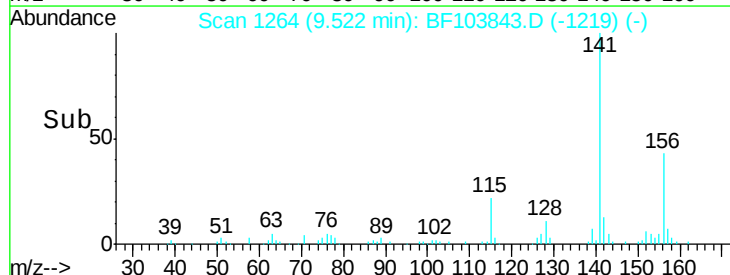
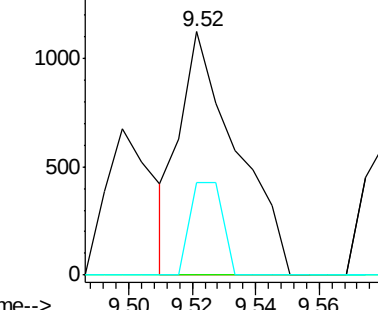


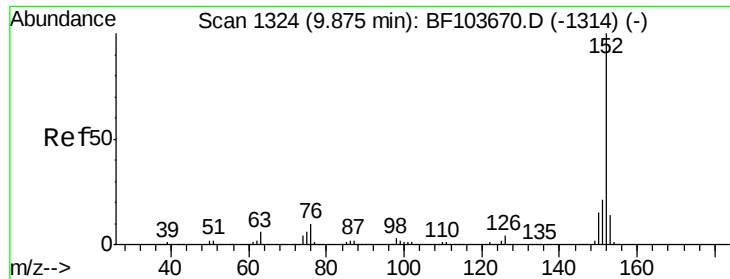
#47
 2-Nitroaniline
 Concen: 7.063 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.04 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

Tgt Ion:	65	Resp:	1387
Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	37.8	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): E





#48

Acenaphthylene

Concen: 5.048 ng

RT: 9.87 min Scan# 1324

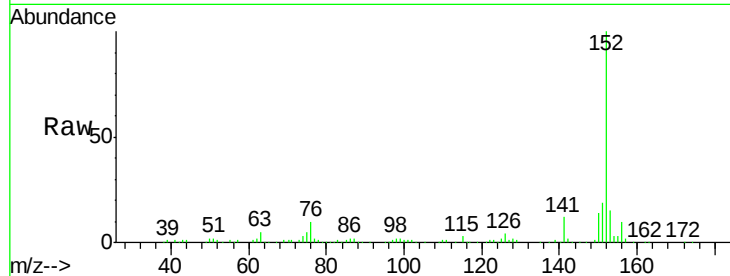
Delta R.T. -0.01 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

Tot Ion:152 Resp: 143249

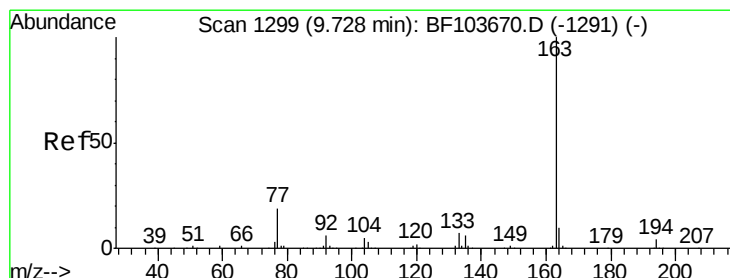
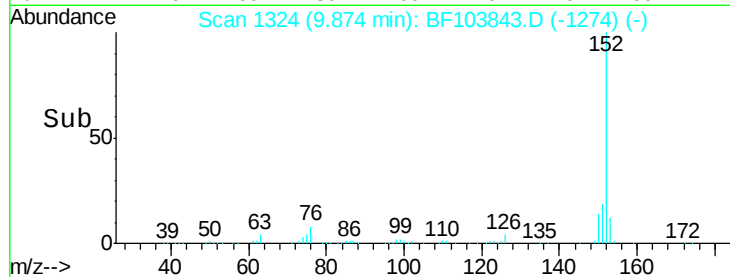
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	14.6	10.7	16.1



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: 7.820 ng

RT: 9.72 min Scan# 1297

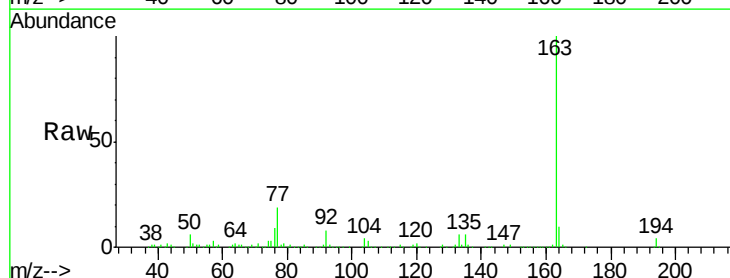
Delta R.T. -0.02 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

Tgt Ion:163 Resp: 164834

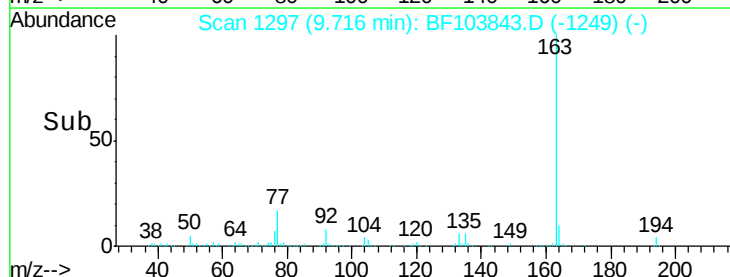
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.6	8.2	12.2

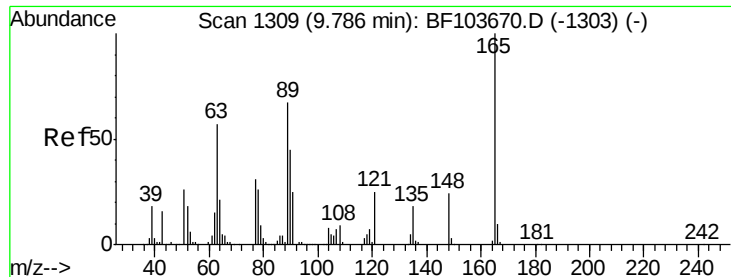


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

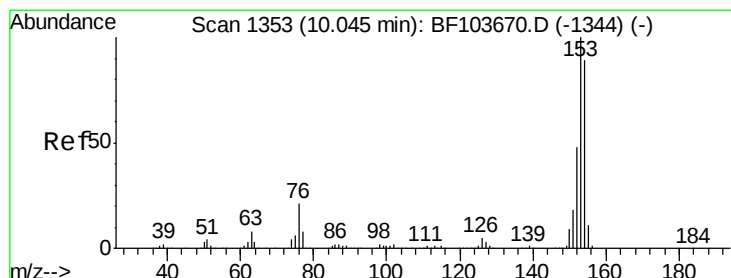
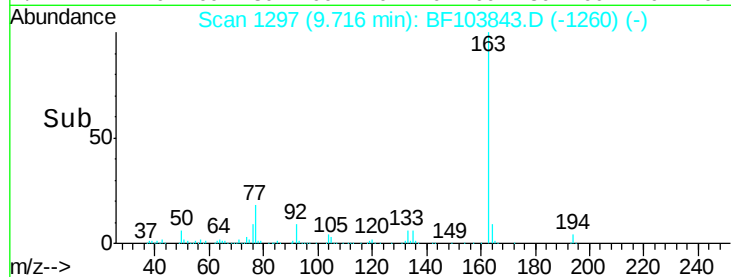
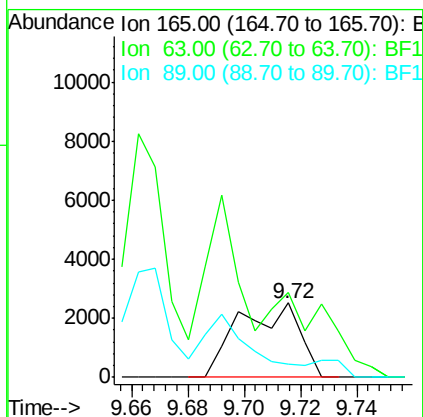
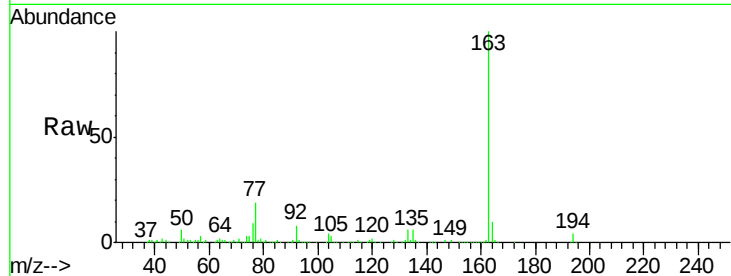
Ion 164.00 (163.70 to 164.70): E





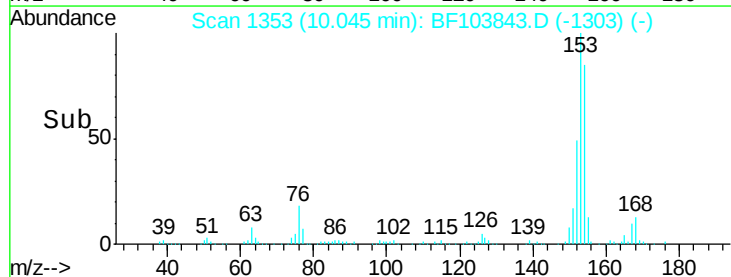
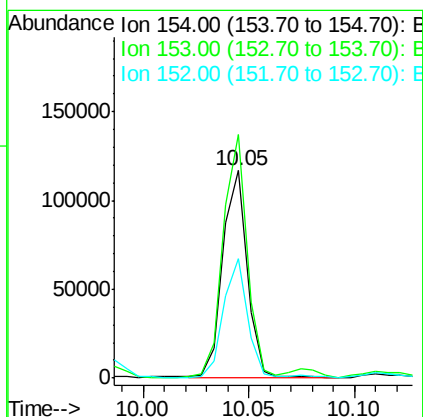
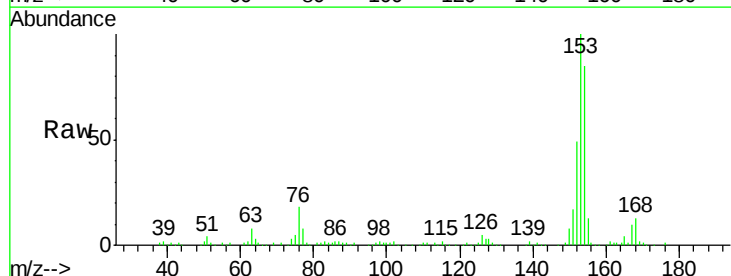
#50
 2,6-Dinitrotoluene
 Concen: 4.819 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.08 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

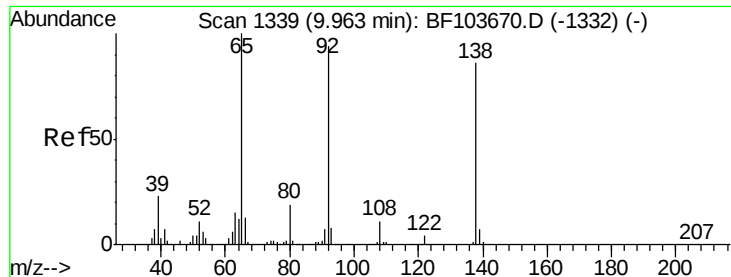
Tot Ion:165 Resp: 3716
 Ion Ratio Lower Upper
 165 100
 63 114.3 44.7 67.1#
 89 18.4 44.0 66.0#



#51
 Acenaphthene
 Concen: 5.614 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

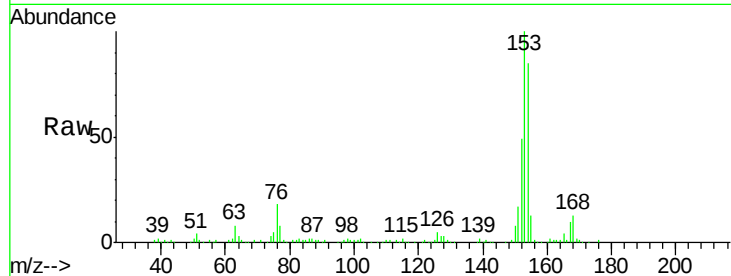
Tgt Ion:154 Resp: 94582
 Ion Ratio Lower Upper
 154 100
 153 117.3 91.2 136.8
 152 57.3 43.8 65.8



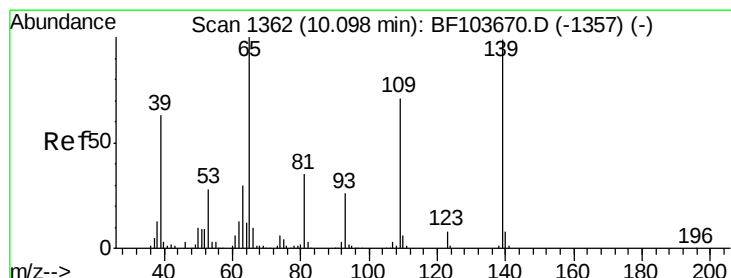
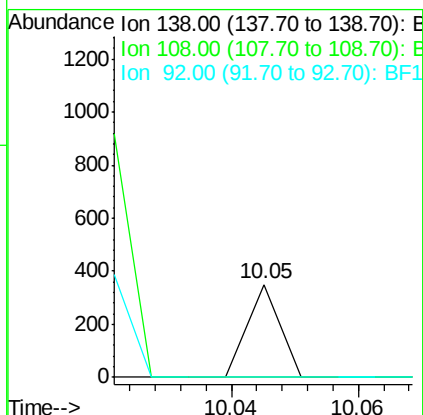
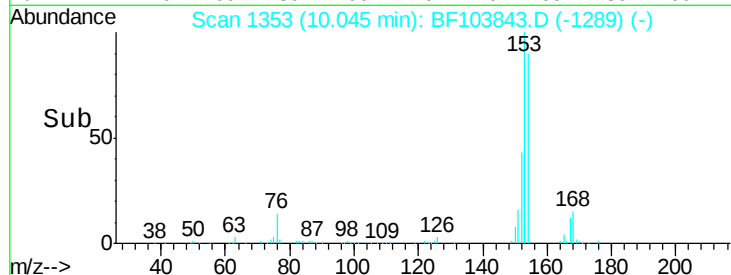


#52
3-Nitroaniline
Concen: 3.838 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.08 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion:138 Resp: 123
Ion Ratio Lower Upper
138 100
108 0.0 9.4 14.0#
92 0.0 89.4 134.2#

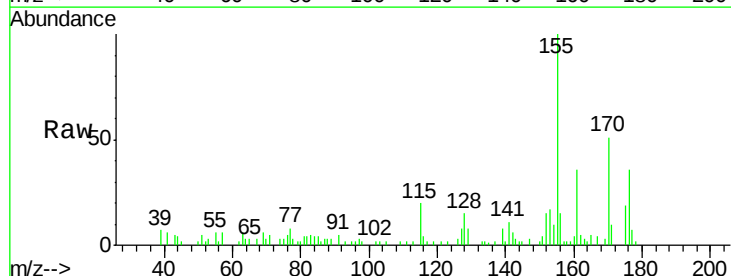


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

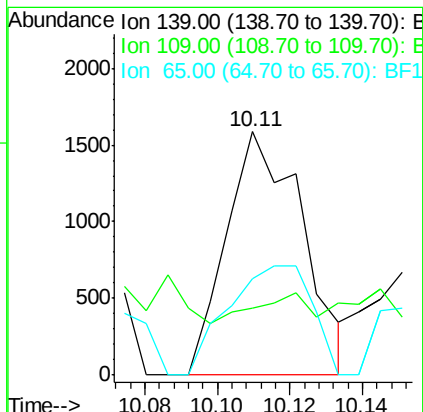
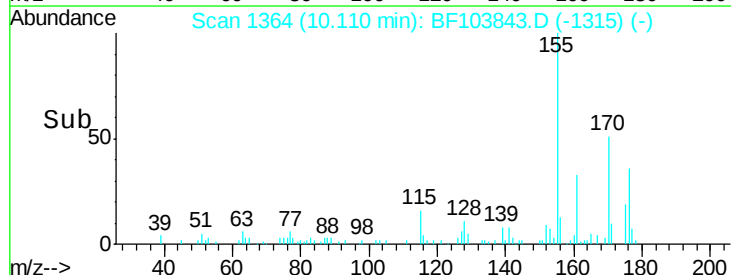


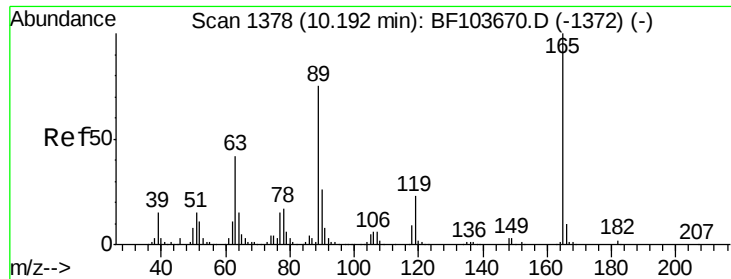
#55
4-Nitrophenol
Concen: 5.533 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion:139 Resp: 2319
Ion Ratio Lower Upper
139 100
109 27.5 48.4 88.4#
65 39.6 72.6 112.6#



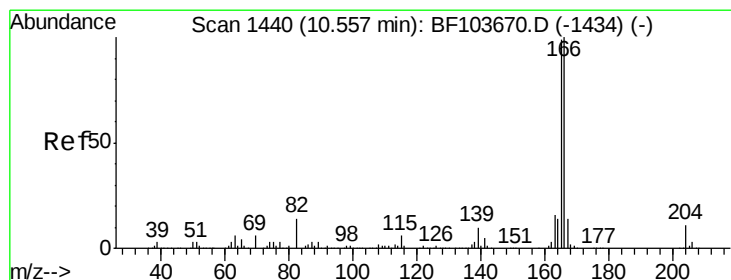
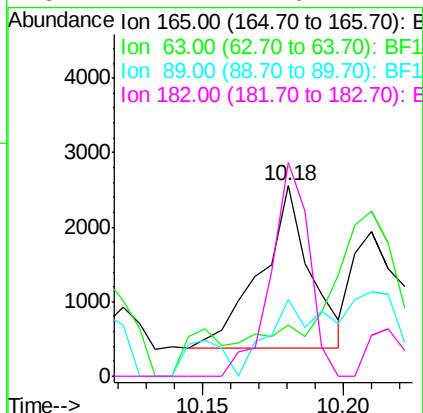
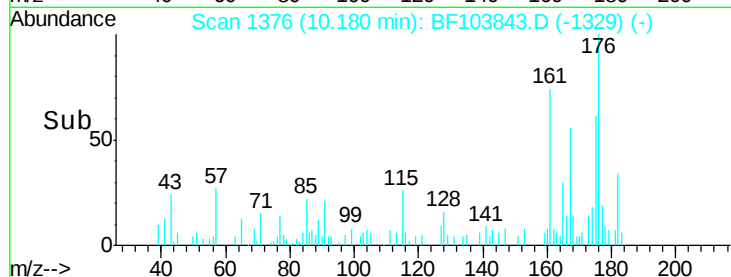
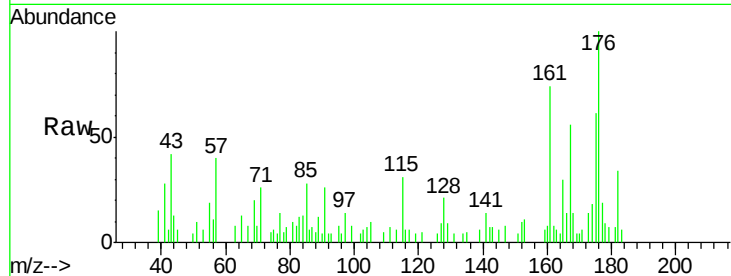
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





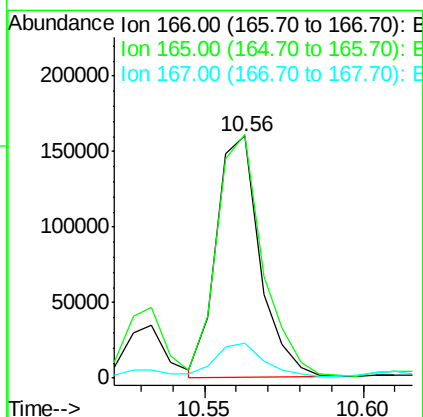
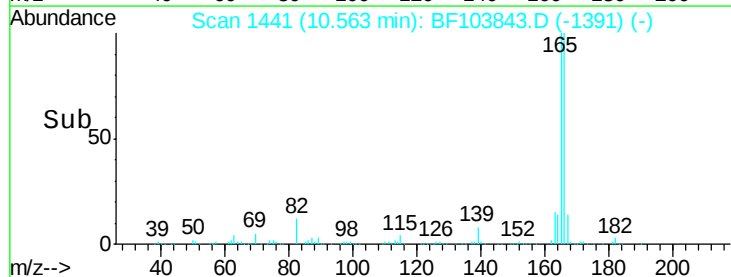
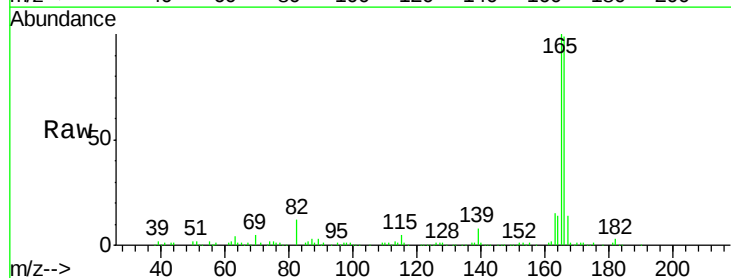
#56
2,4-Dinitrotoluene
Concen: 6.662 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

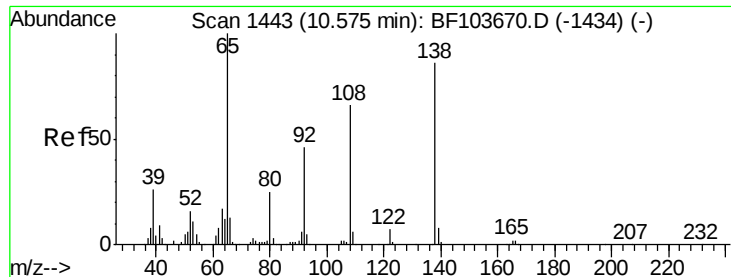
Tot Ion:	165	Resp:	2660
Ion	Ratio	Lower	Upper
165	100		
63	27.2	36.4	54.6#
89	40.3	57.8	86.6#
182	112.2	1.6	2.4#



#57
Fluorene
Concen: 8.125 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

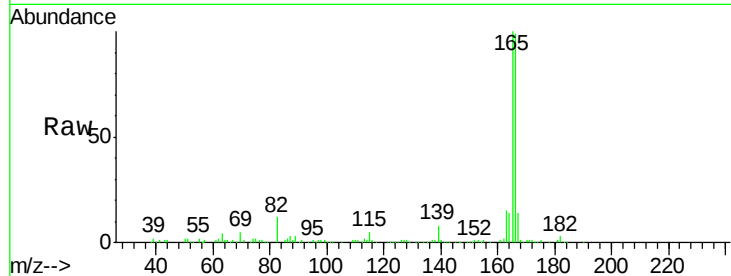
Tgt Ion:	166	Resp:	151716
Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	14.5	10.6	16.0



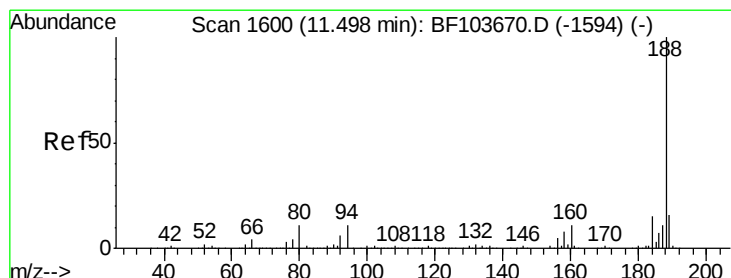
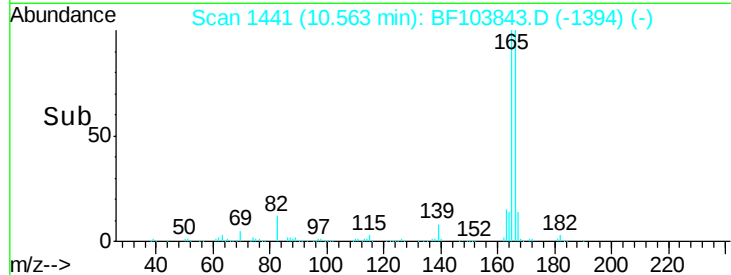
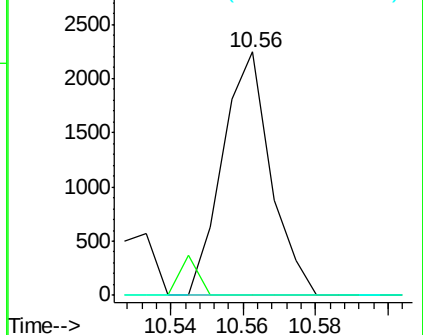


#61
4-Nitroaniline
Concen: 4.156 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion:138 Resp: 2076
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

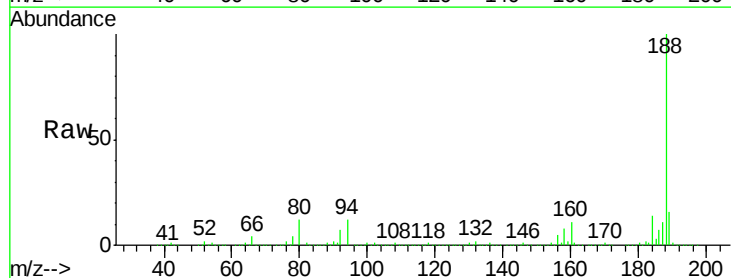


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

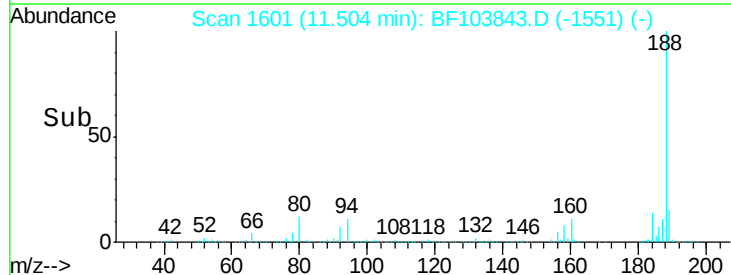
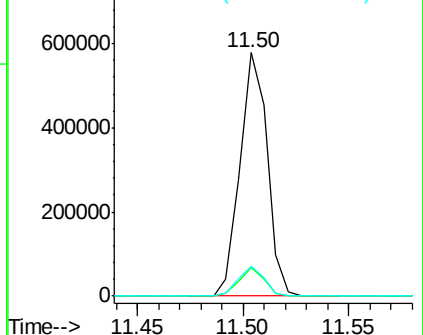


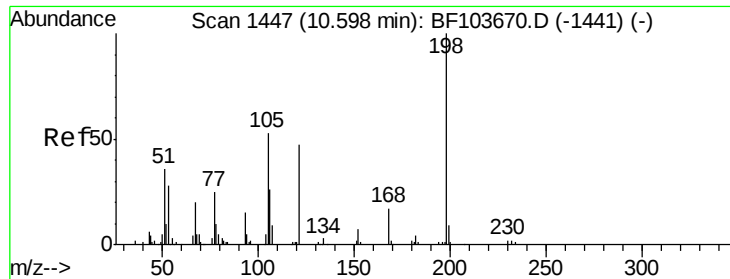
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion:188 Resp: 515940
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.5 9.2 13.8



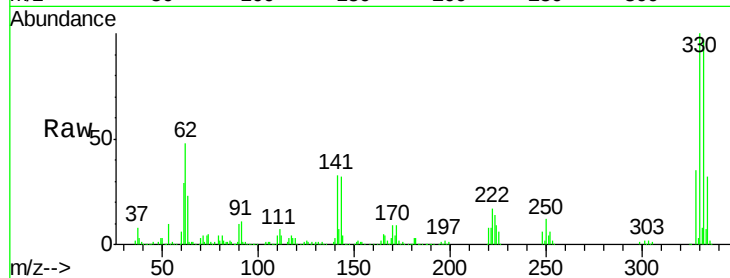
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



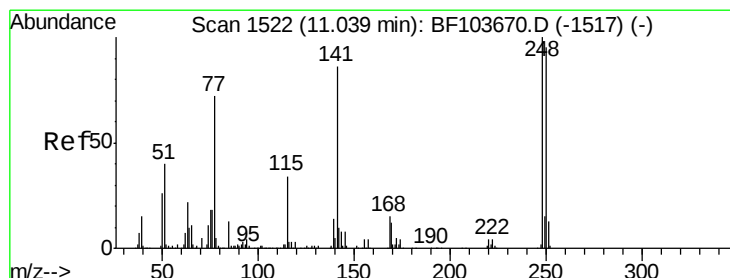
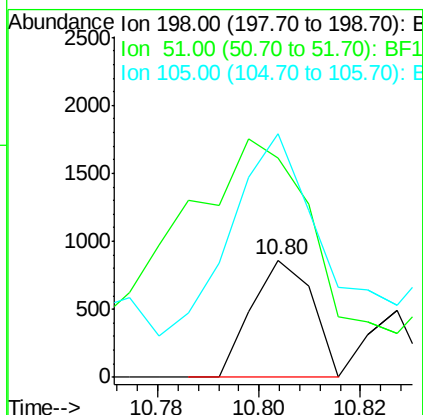
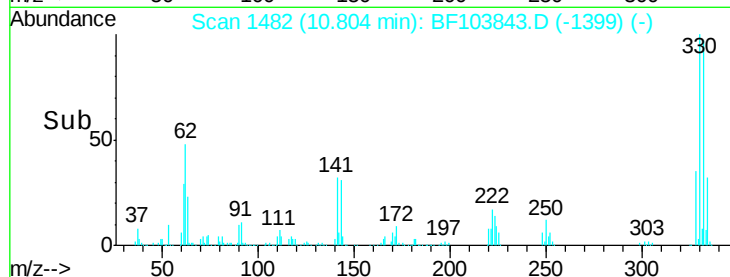


#64
4,6-Dinitro-2-methylphenol
Concen: 8.530 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.19 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion	Ratio	Lower	Upper
198	100		
51	187.0	37.7	77.7#
105	207.5	36.3	76.3#

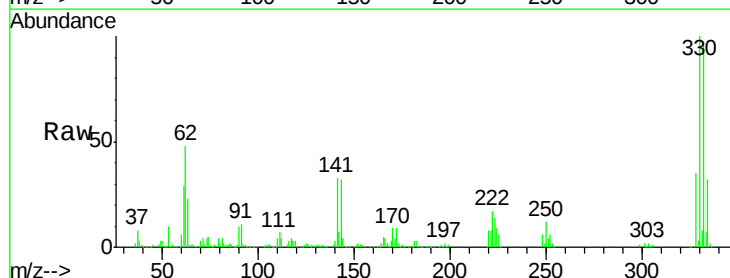


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

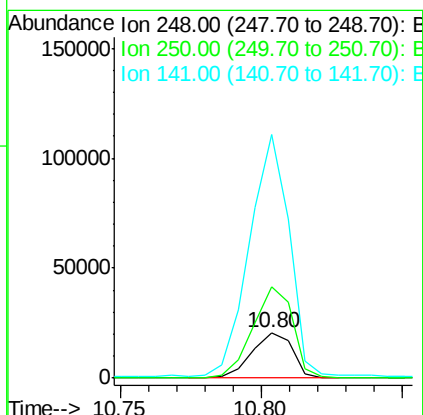
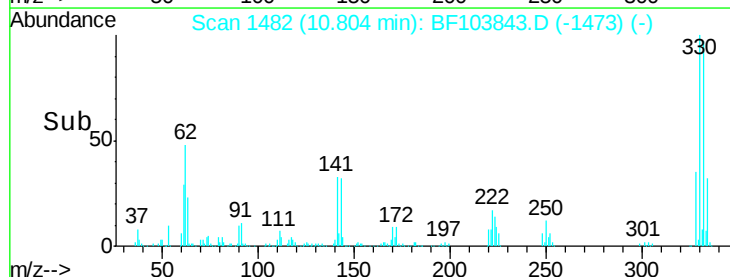


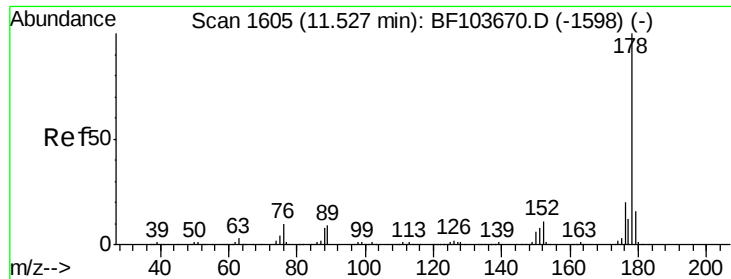
#66
4-Bromophenyl-phenylether
Concen: 3.893 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.25 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.0	76.9	115.3#
141	532.9	74.4	111.6#



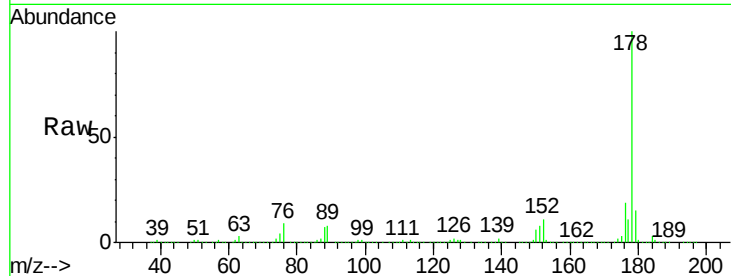
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



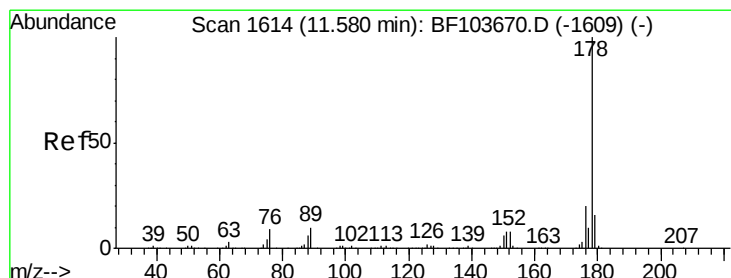
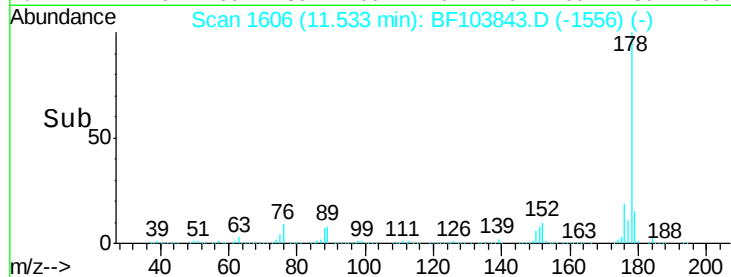
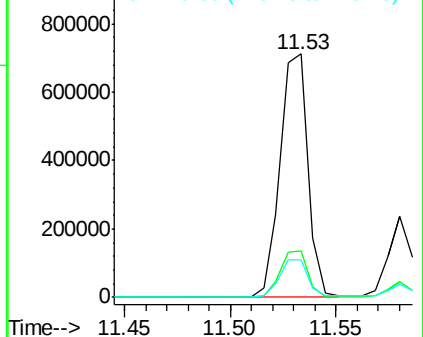


#70
Phenanthrene
Concen: 23.194 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion:178 Resp: 654606
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.4 13.0 19.6

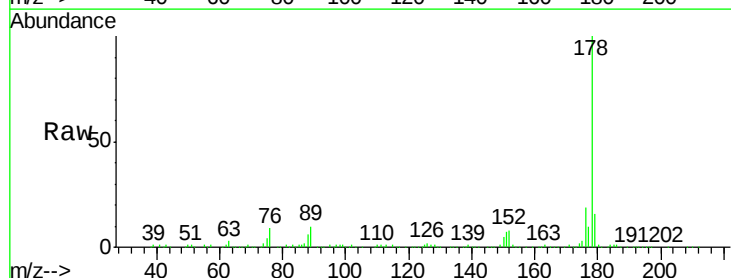


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

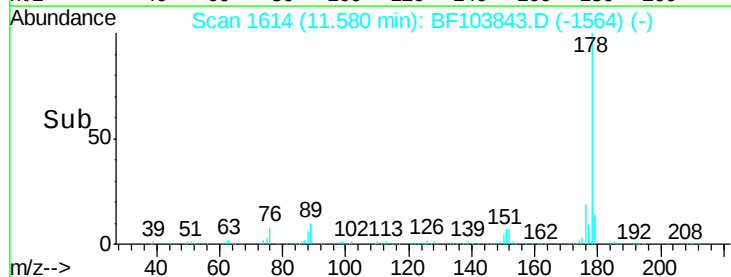
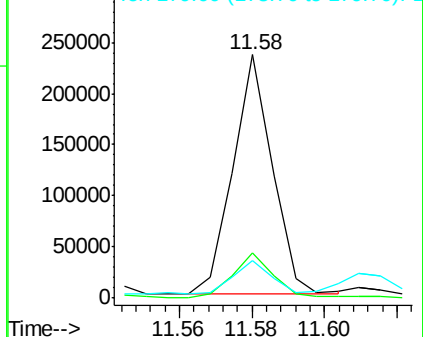


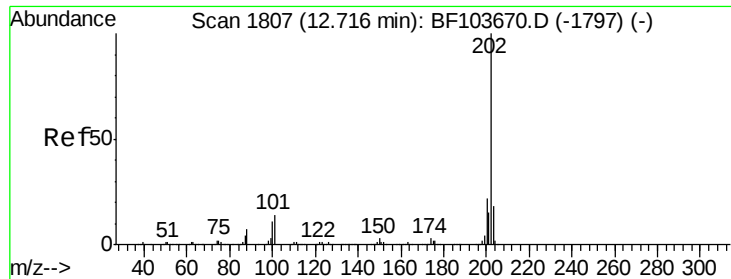
#71
Anthracene
Concen: 6.194 ng
RT: 11.58 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion:178 Resp: 177563
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0



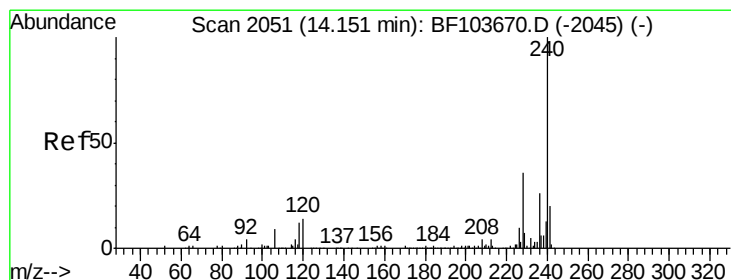
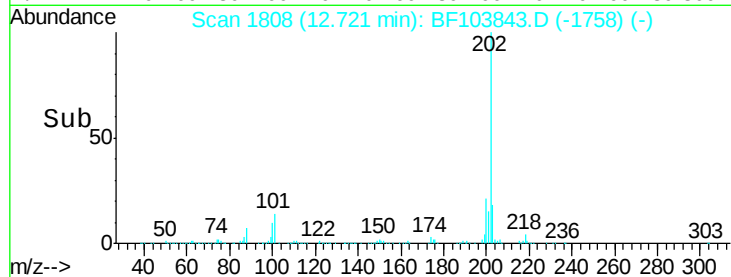
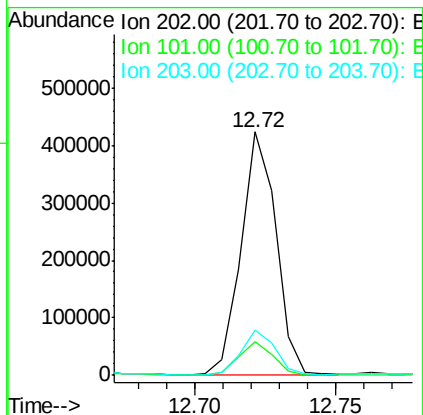
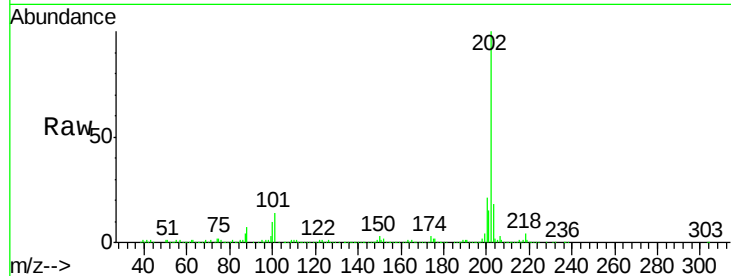
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





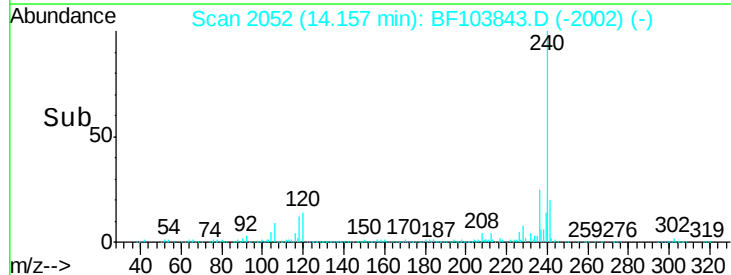
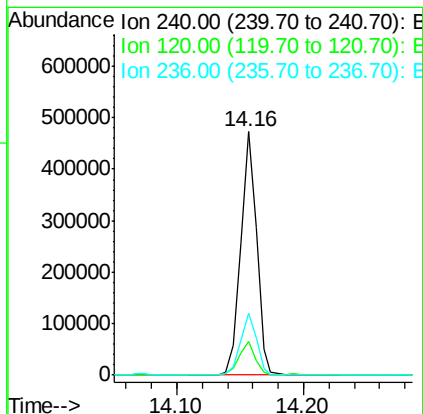
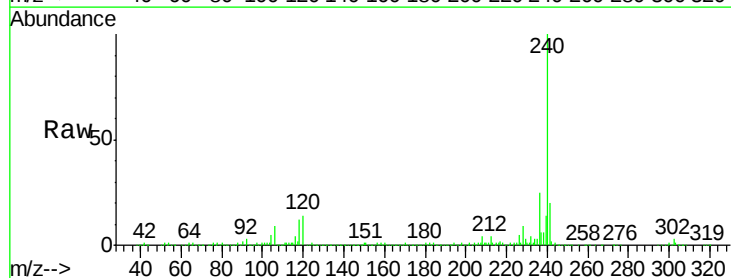
#74
 Fluoranthene
 Concen: 12.461 ng
 RT: 12.72 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

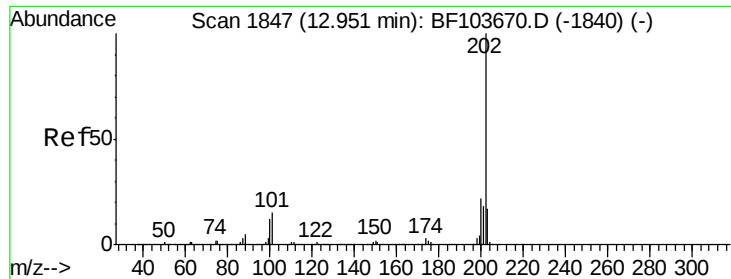
Tot Ion:	202	Resp:	362325
Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	34.1
203	18.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF103843.D
 Acq: 22 Mar 2018 11:02

Tgt Ion:	240	Resp:	404238
Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	25.4	20.7	31.1





#77

Pvrene

Concen: 17.210 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

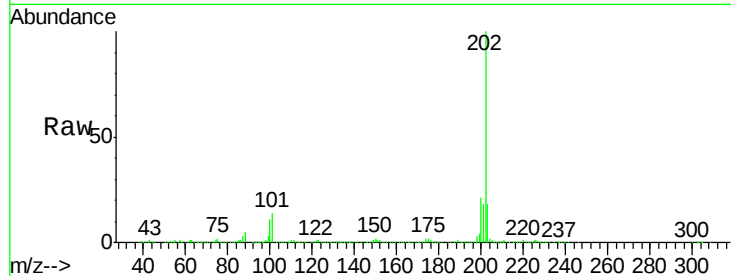
Tot Ion:202 Resp: 510902

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

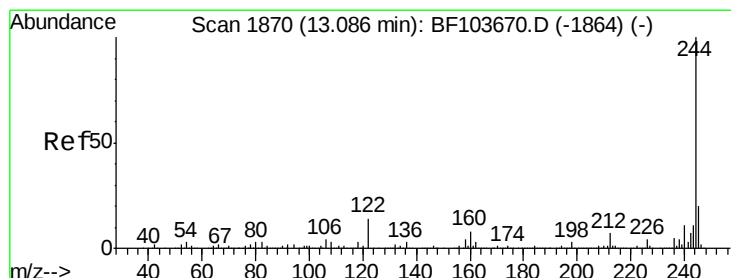
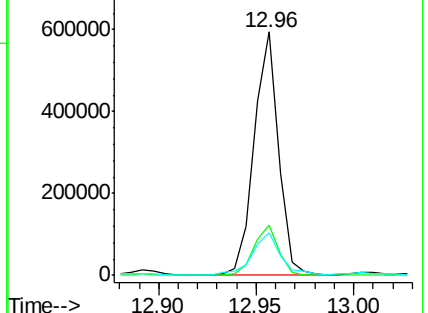
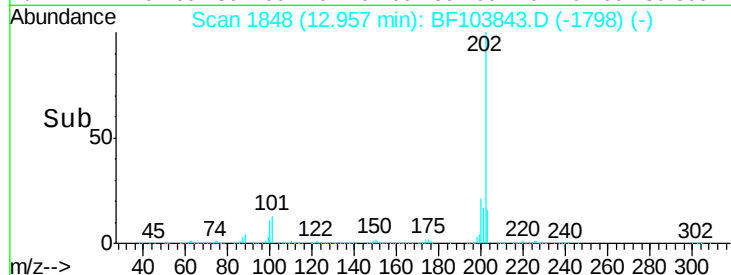
203 17.8 14.3 21.5



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: 75.300 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

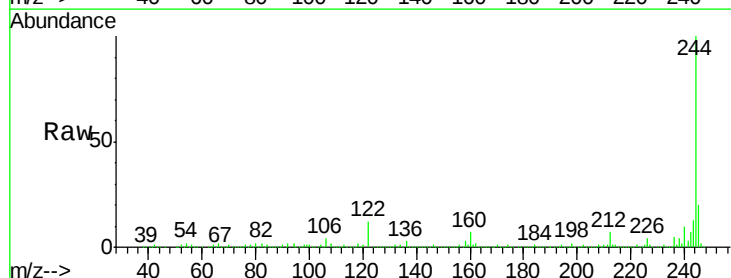
Tgt Ion:244 Resp: 1311382

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

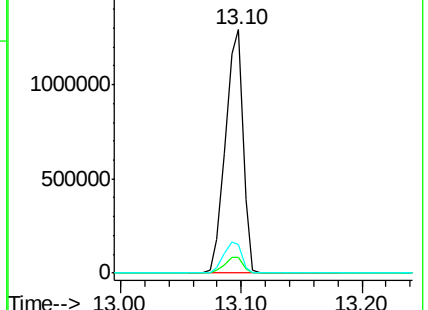
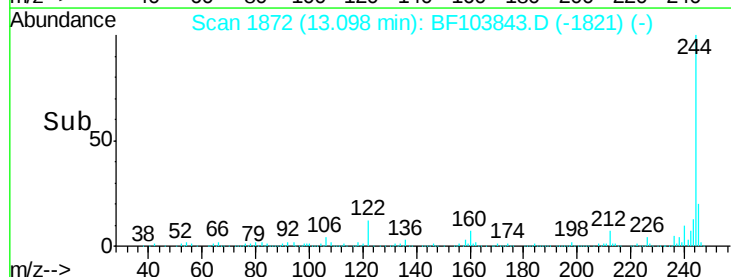
122 11.7 11.0 16.4

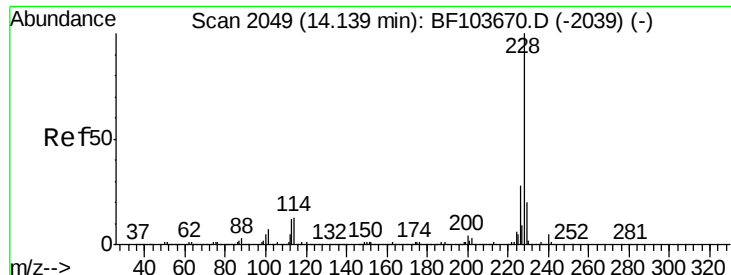


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

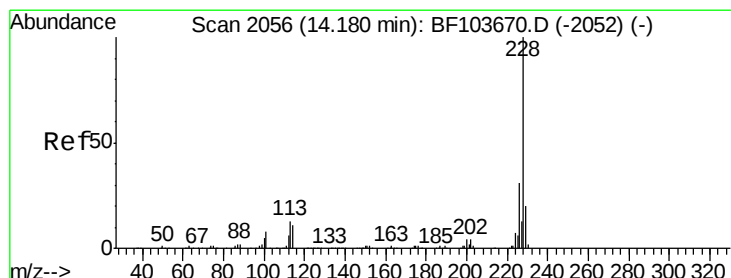
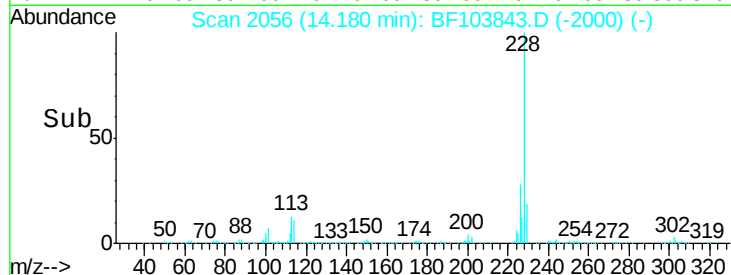
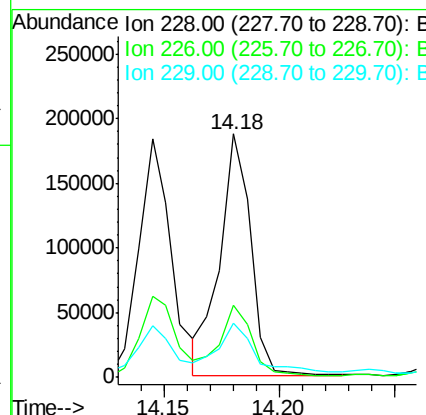
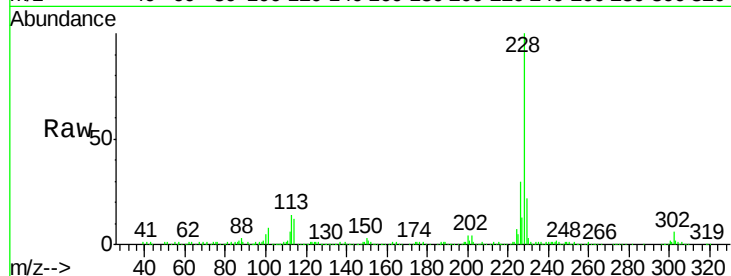
Ion 122.00 (121.70 to 122.70): E





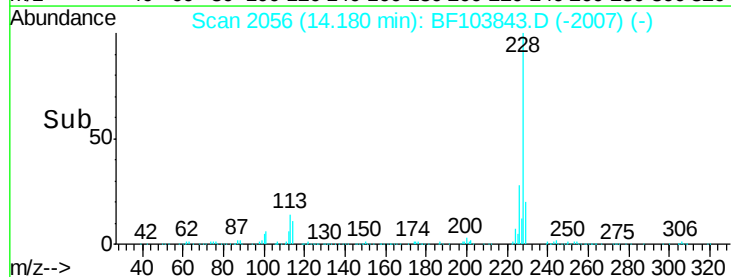
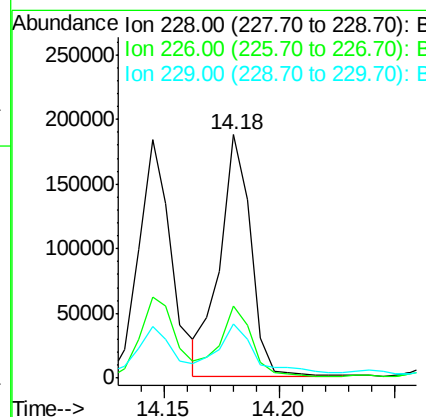
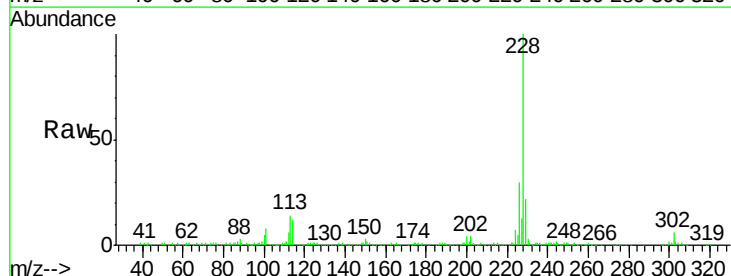
#80
Benzo(a)anthracene
Concen: 6.738 ng
RT: 14.18 min Scan# 2056
Delta R.T. 0.03 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

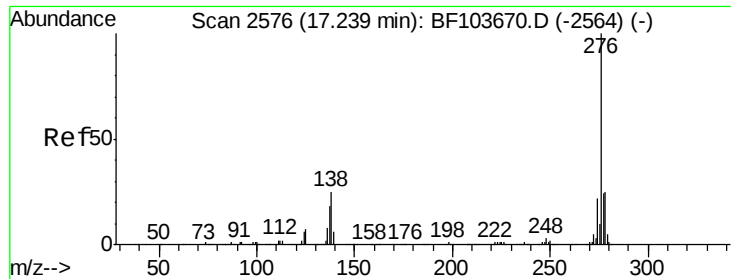
Tot Ion:228	Resp:	172421
Ion Ratio	Lower	Upper
228	100	
226	29.6	22.6 33.8
229	22.4	15.8 23.6



#82
Chrysene
Concen: 7.069 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion:228	Resp:	172421
Ion Ratio	Lower	Upper
228	100	
226	29.6	25.0 37.6
229	22.4	16.2 24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.174 ng

RT: 17.25 min Scan# 2578

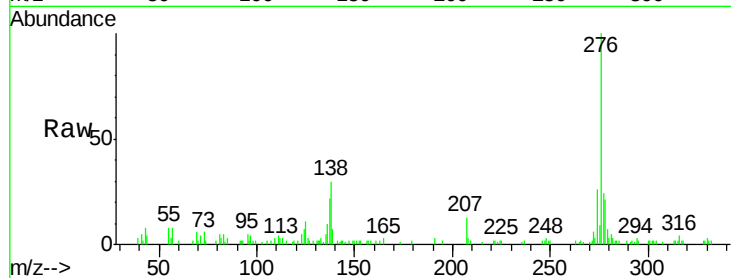
Delta R.T. -0.03 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

Tot Ion:276 Resp: 46312

Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	25.7	20.1	30.1

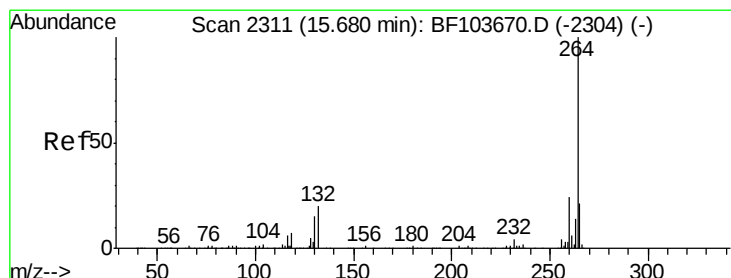
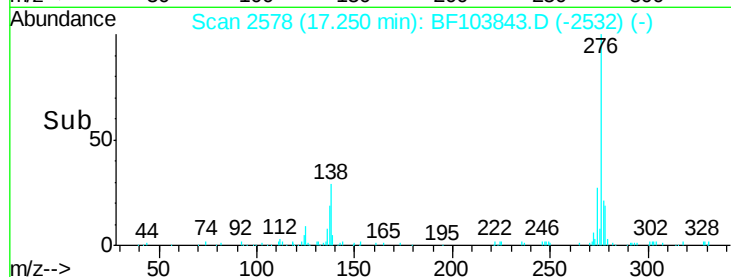
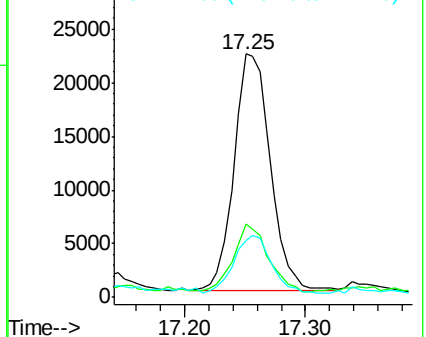


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2313

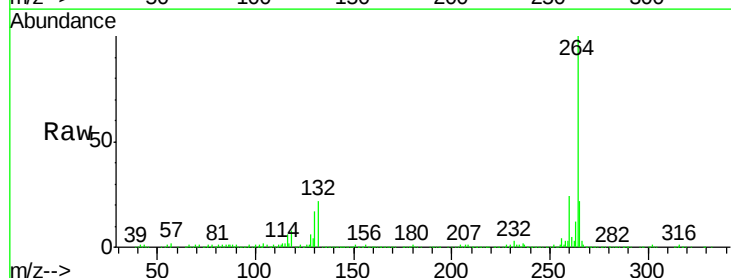
Delta R.T. -0.01 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

Tgt Ion:264 Resp: 312076

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.5	17.5	26.3

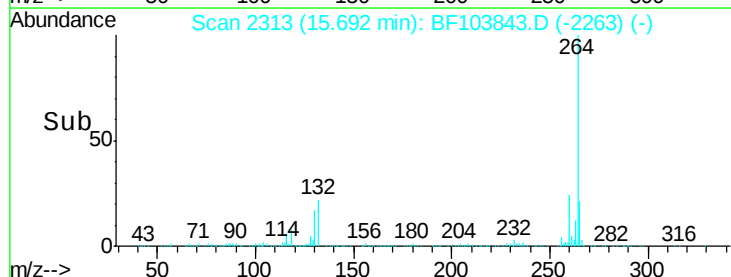
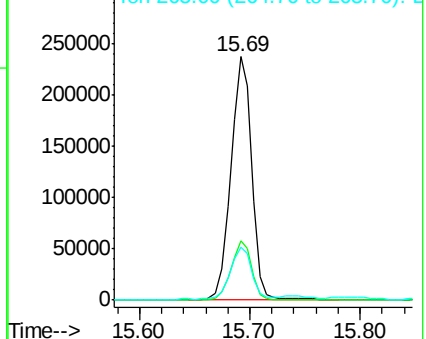


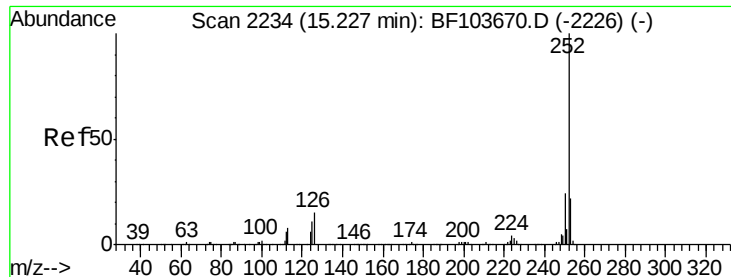
Abundance

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: 6.727 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

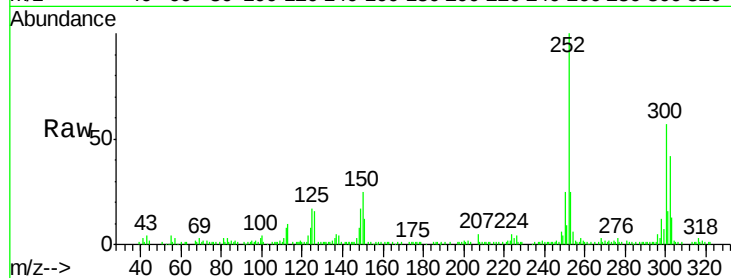
Tot Ion:252 Resp: 132628

Ion Ratio Lower Upper

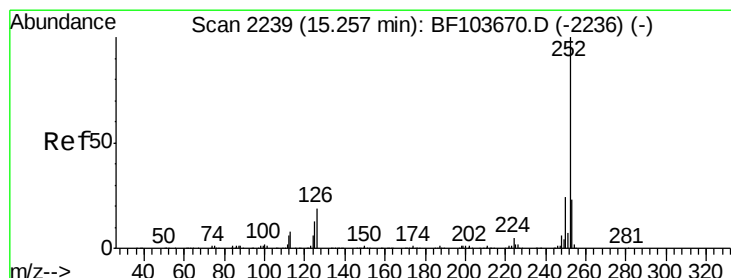
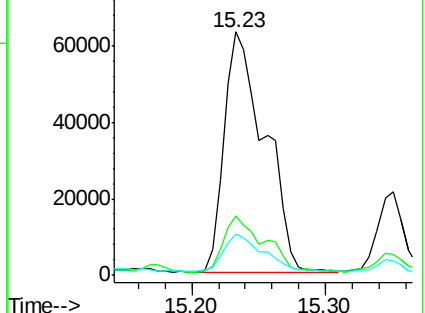
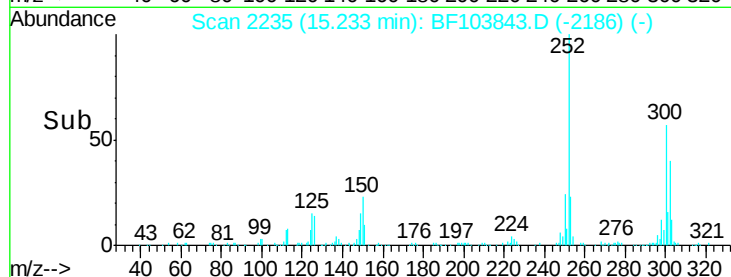
252 100

253 24.6 17.0 25.6

125 16.7 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: 6.998 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.04 min

Lab File: BF103843.D

Acq: 22 Mar 2018 11:02

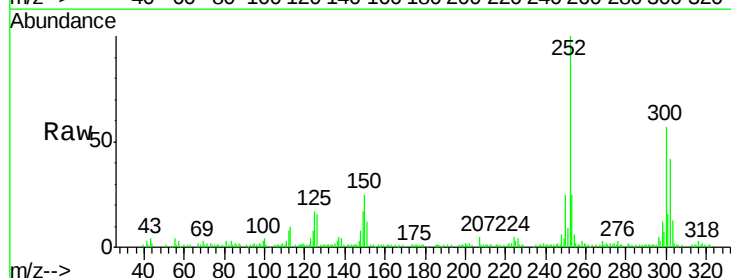
Tgt Ion:252 Resp: 132628

Ion Ratio Lower Upper

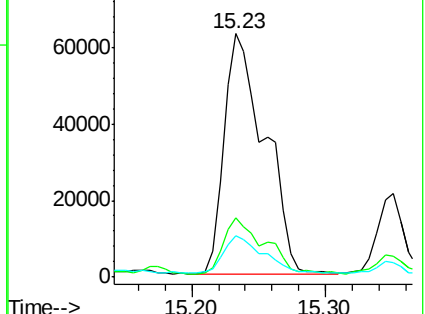
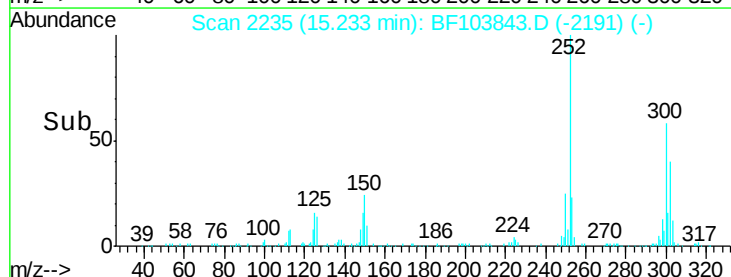
252 100

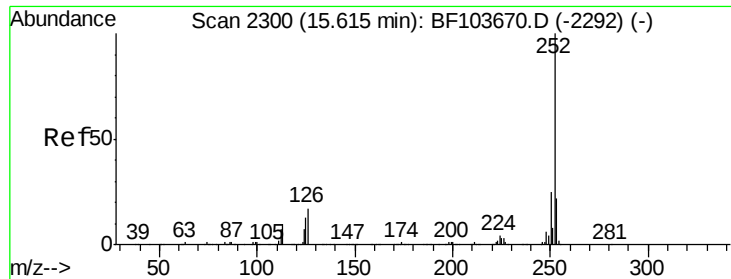
253 24.6 17.9 26.9

125 16.7 10.2 15.2#



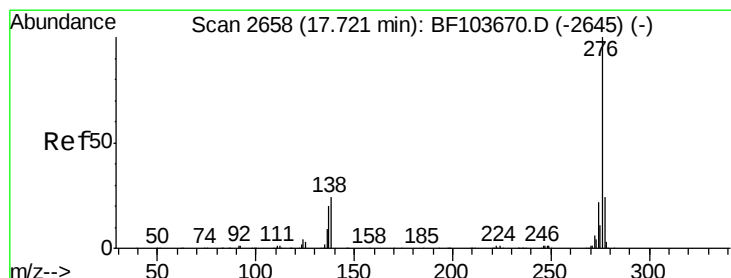
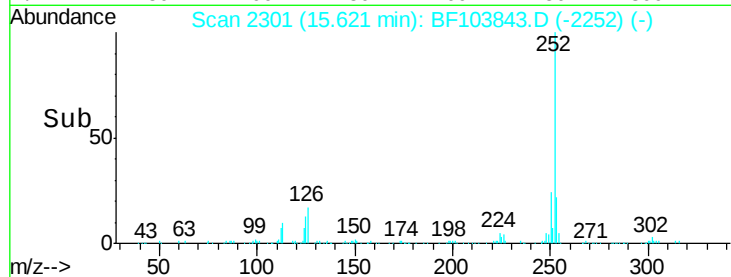
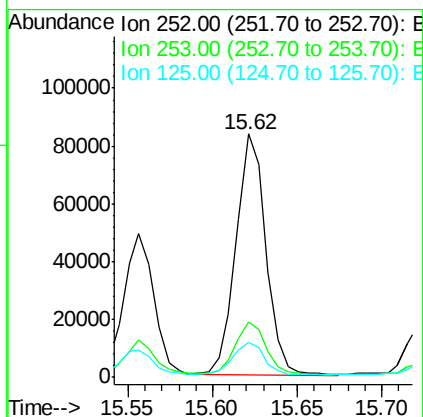
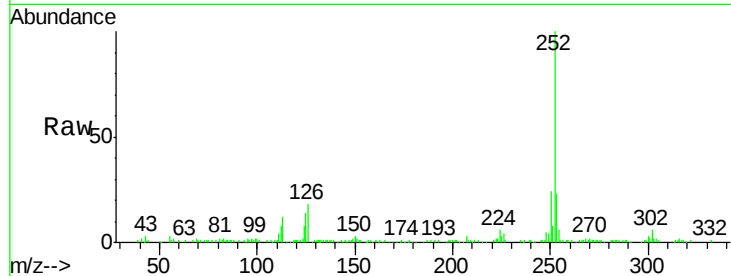
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89
Benzo(a)pyrene
Concen: 5.759 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tot Ion:	252	Resp:	102991
Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	14.4	9.8	14.6



#91
Benzo(g,h,i)perylene
Concen: 3.646 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.02 min
Lab File: BF103843.D
Acq: 22 Mar 2018 11:02

Tgt Ion:	276	Resp:	54930
Ion	Ratio	Lower	Upper
276	100		
277	22.3	17.9	26.9
138	24.6	21.8	32.8

