

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103863.D
 Acq On : 22 Mar 2018 20:18
 Operator : JU/SJ
 Sample : J1997-25
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Mar 23 00:57:33 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	142459	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	551886	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	223841	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	335567	20.00	ng	0.00
75) Chrysene-d12	14.16	240	309263	20.00	ng	0.00
86) Perylene-d12	15.70	264	251980	20.00	ng	0.00

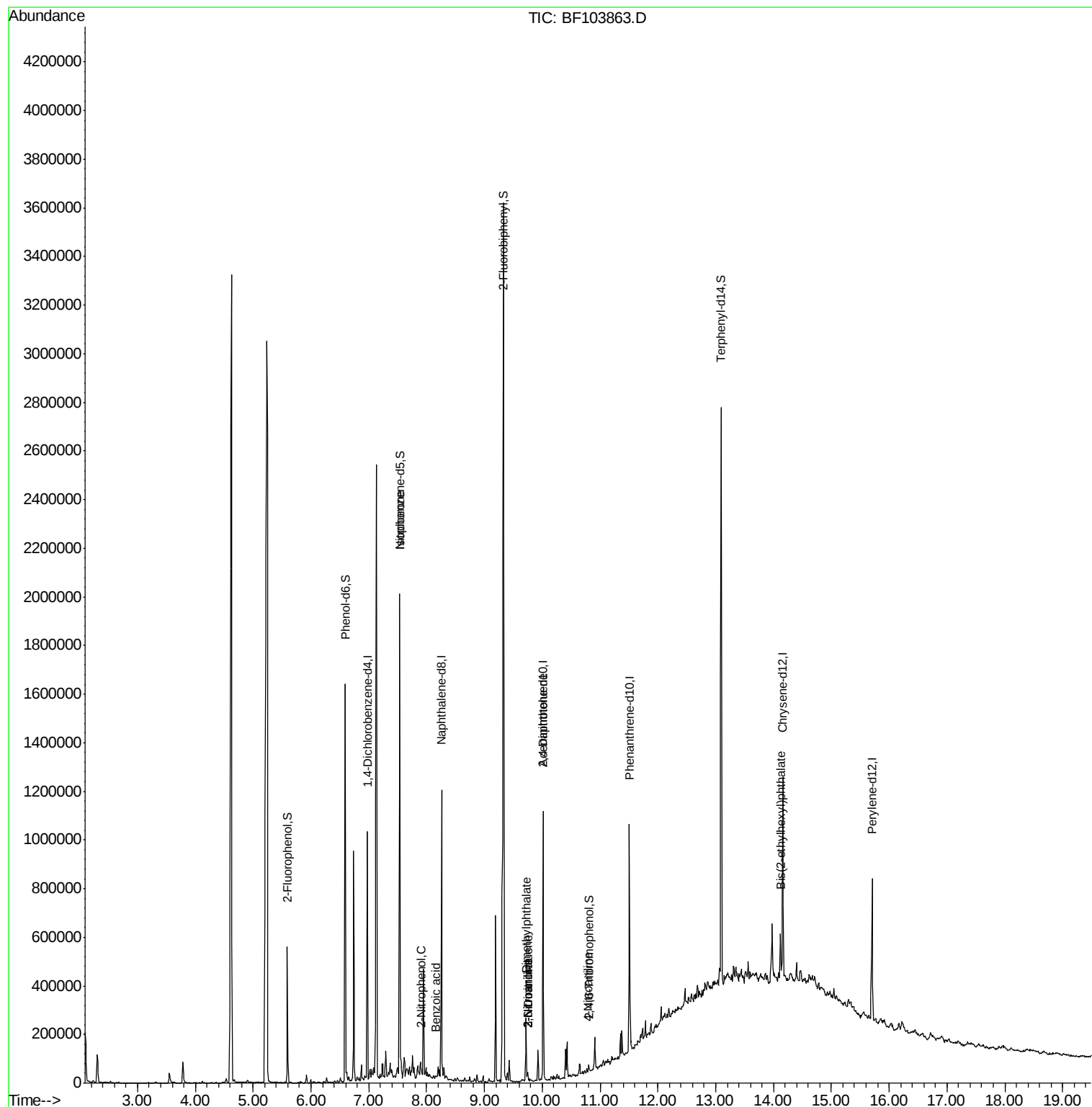
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	150129	16.03	ng	0.00
7) Phenol-d6	6.59	99	611854	53.40	ng	0.00
23) Nitrobenzene-d5	7.53	82	640295	80.91	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	3884	2.02	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1116566	79.57	ng	0.00
78) Terphenyl-d14	13.09	244	857907	64.39	ng	0.00

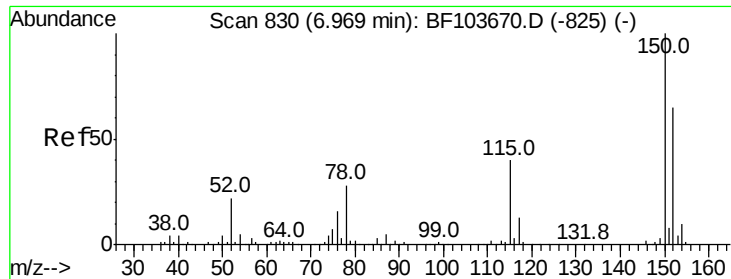
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.53	82	640295	34.950	ng	# 65
26) 2-Nitrophenol	7.92	139	122	9.474	ng	# 1
32) Benzoic acid	8.17	122	163	9.929	ng	84
47) 2-Nitroaniline	9.75	65	297	6.880	ng	91
49) Dimethylphthalate	9.72	163	91956	5.385	ng	100
50) 2,6-Dinitrotoluene	9.75	165	3131	4.853	ng	# 24
52) 3-Nitroaniline	9.75	138	156	3.851	ng	# 65
56) 2,4-Dinitrotoluene	10.01	165	28549	12.152	ng	# 23
61) 4-Nitroaniline	10.79	138	260	3.812	ng	# 63
83) Bis(2-ethylhexyl)phthalate	14.12	149	59370	4.130	ng	99

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

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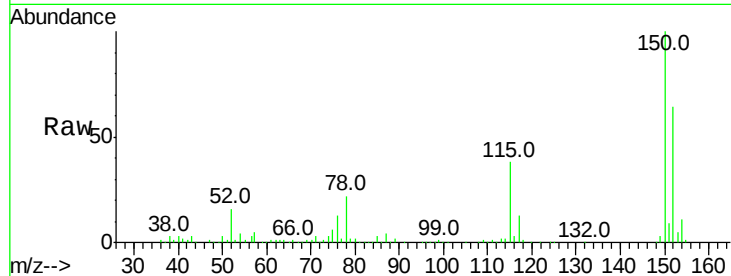




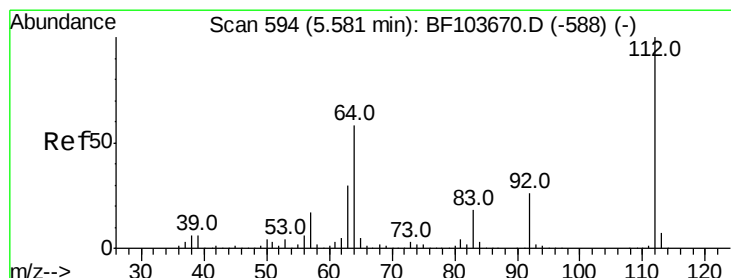
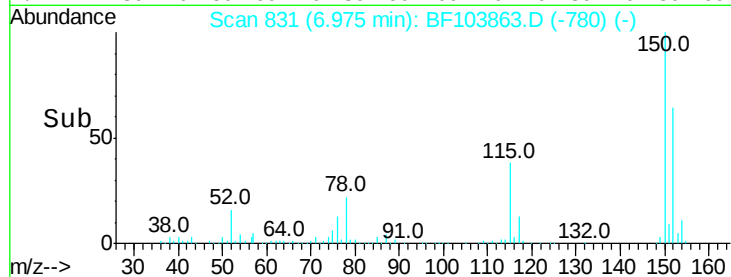
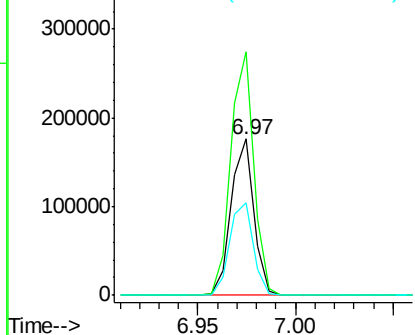
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103863.D
Acq: 22 Mar 2018 20:18

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	59.7	50.1	75.1



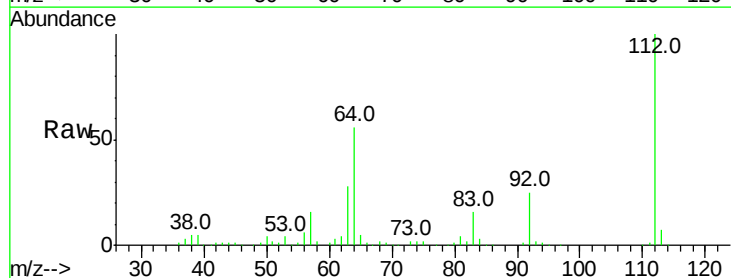
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



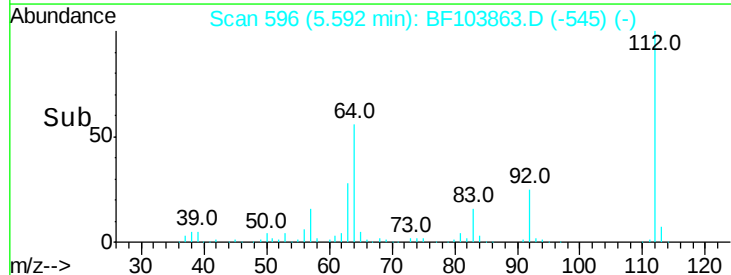
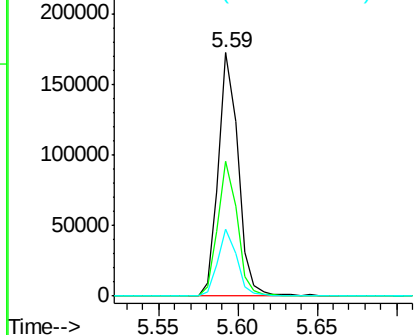
#5

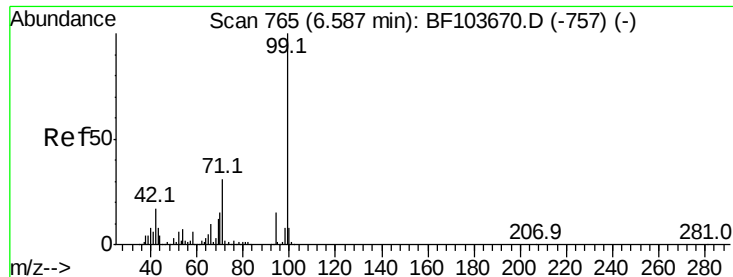
2-Fluorophenol
Concen: 16.029 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF103863.D
Acq: 22 Mar 2018 20:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.7	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: 53.396 ng

RT: 6.59 min Scan# 766

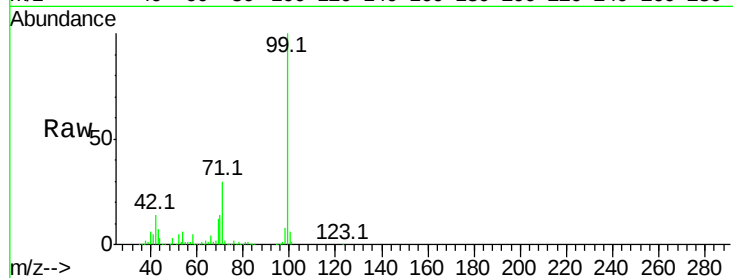
Delta R.T. -0.01 min

Lab File: BF103863.D

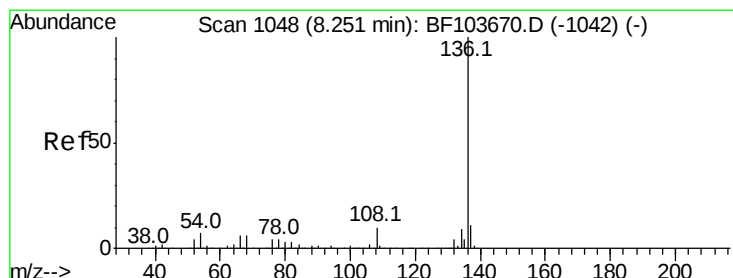
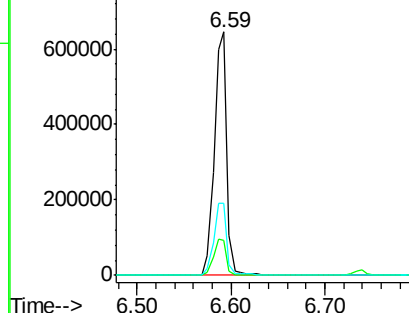
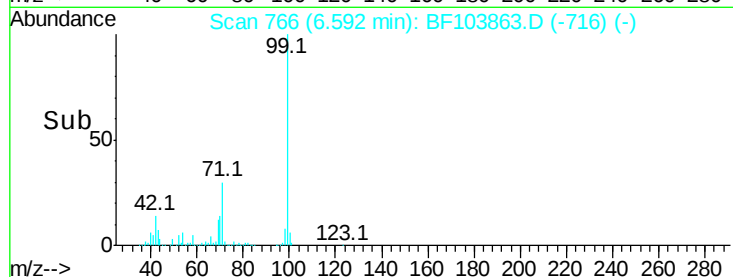
Acq: 22 Mar 2018 20:18

Tot Ion: 99 Resp: 611854

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	29.6	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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

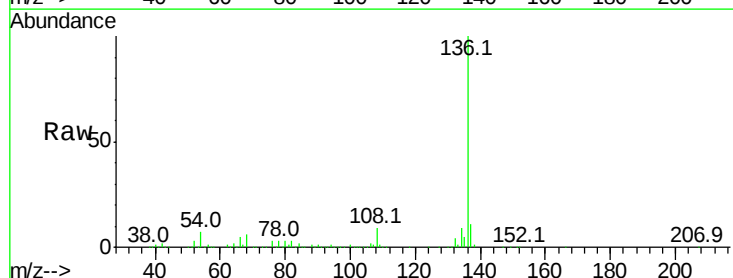
Delta R.T. -0.00 min

Lab File: BF103863.D

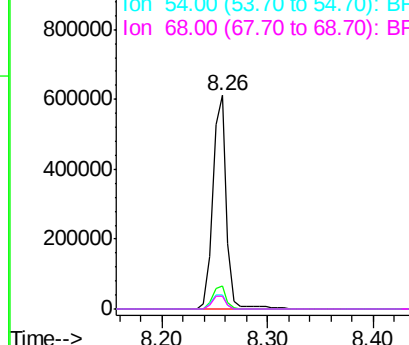
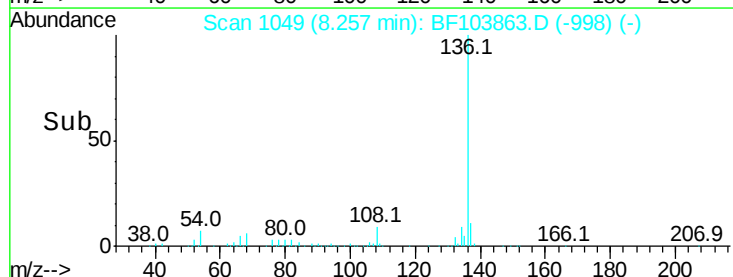
Acq: 22 Mar 2018 20:18

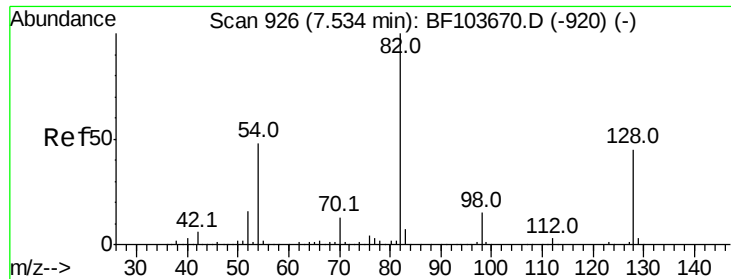
Tgt Ion: 136 Resp: 551886

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.6	6.6	9.8
68	5.9	5.0	7.4



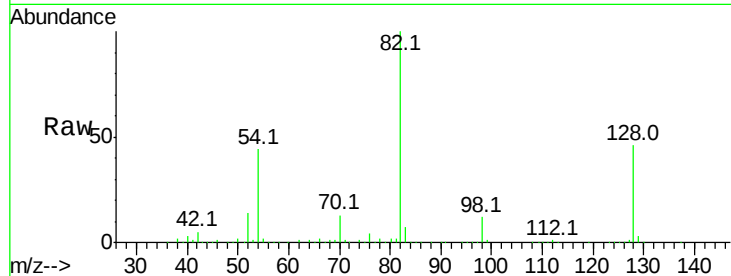
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



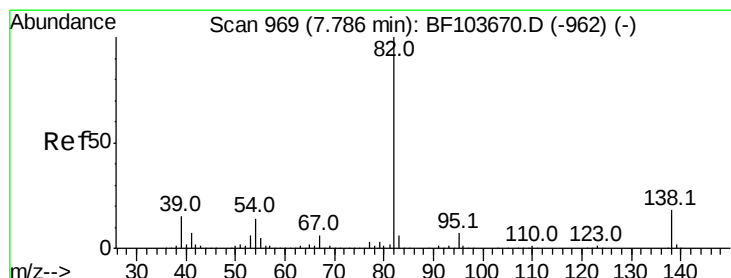
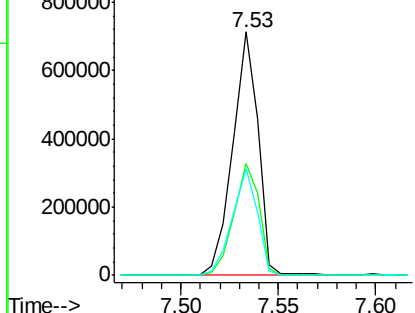
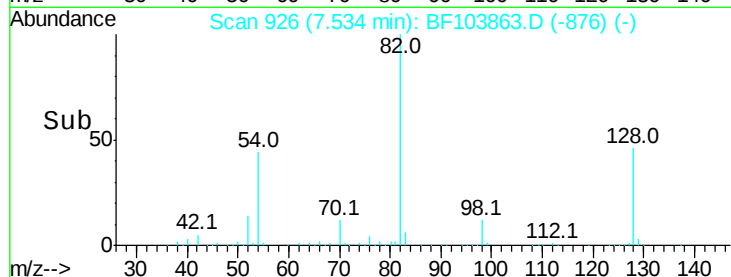


#23
 Nitrobenzene-d5
 Concen: 80.907 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103863.D
 Acq: 22 Mar 2018 20:18

Tot Ion	82	Resp	640295
Ion Ratio	100	Lower	Upper
128	46.0	36.1	54.1
54	43.8	41.4	62.2

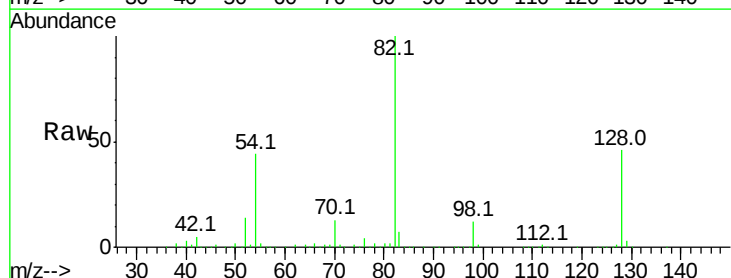


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

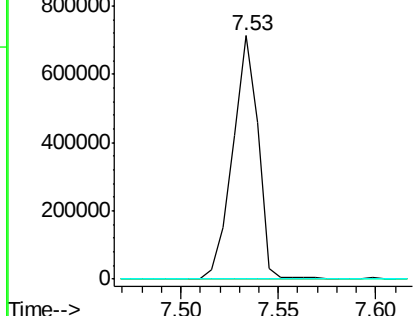
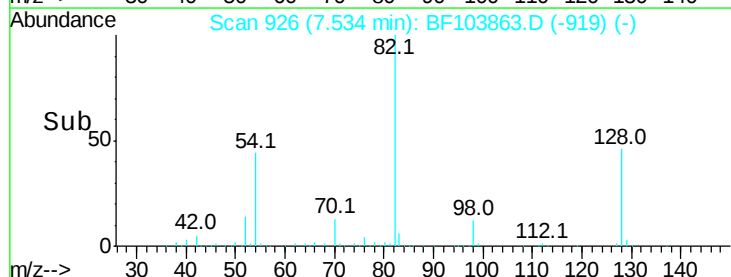


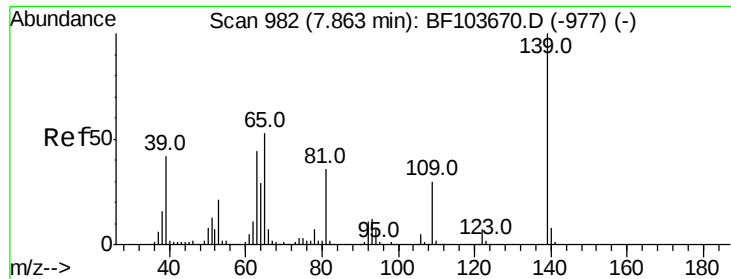
#25
 Isophorone
 Concen: 34.950 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF103863.D
 Acq: 22 Mar 2018 20:18

Tgt Ion	82	Resp	640295
Ion Ratio	100	Lower	Upper
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#



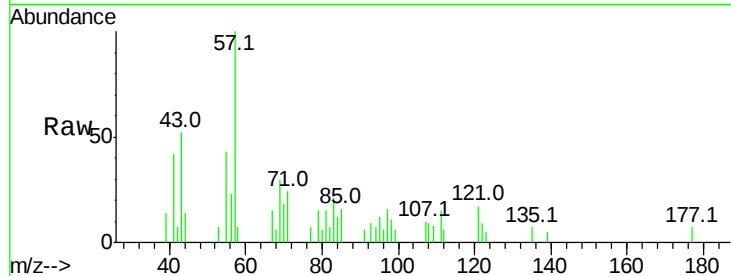
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



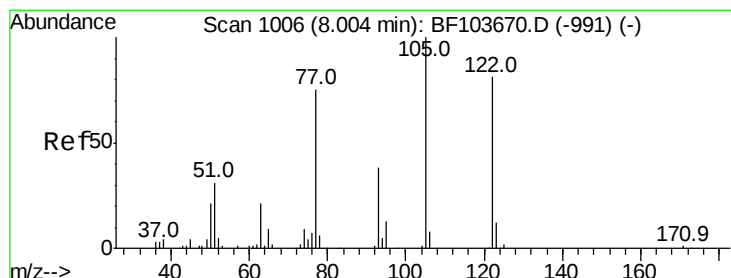
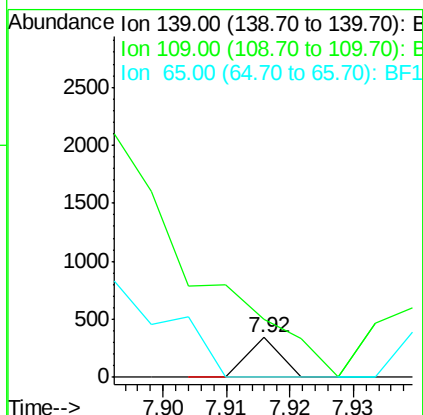
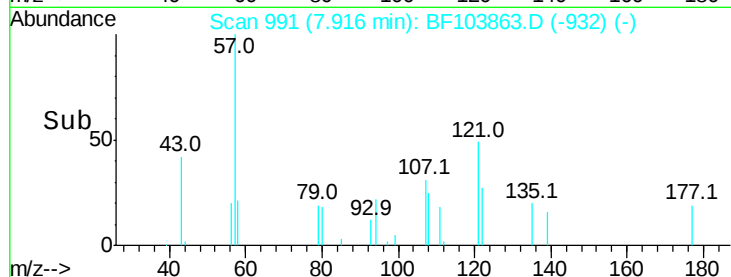


#26
2-Nitrophenol
Concen: 9.474 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.05 min
Lab File: BF103863.D
Acq: 22 Mar 2018 20:18

Tot Ion	Ratio	Lower	Upper
139	100		
109	144.3	22.7	34.1#
65	0.0	40.5	60.7#

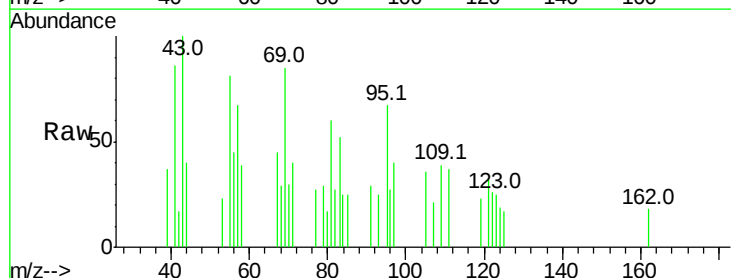


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

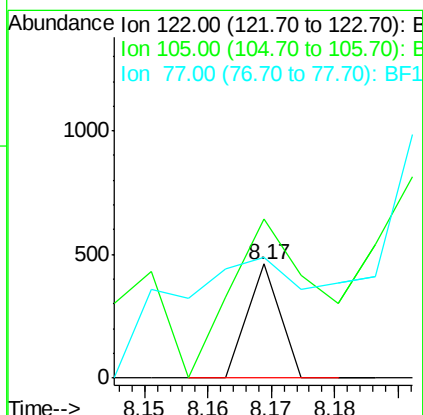
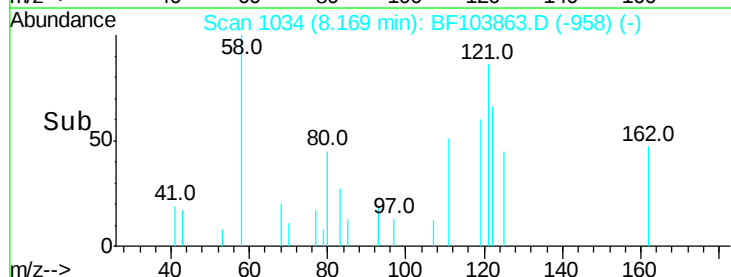


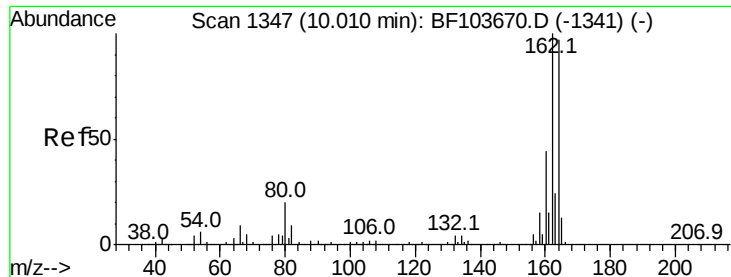
#32
Benzoic acid
Concen: 9.929 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.15 min
Lab File: BF103863.D
Acq: 22 Mar 2018 20:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.4	101.1	141.1
77	105.4	70.7	110.7



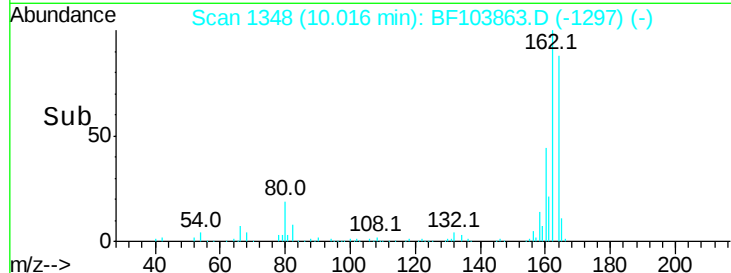
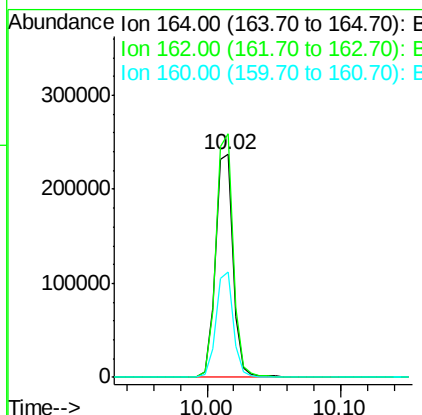
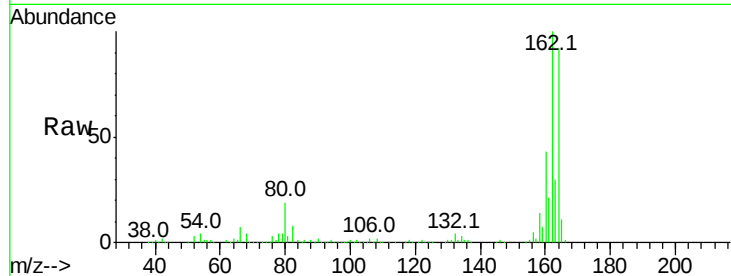
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





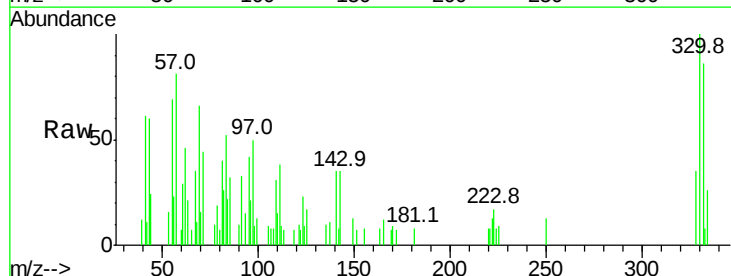
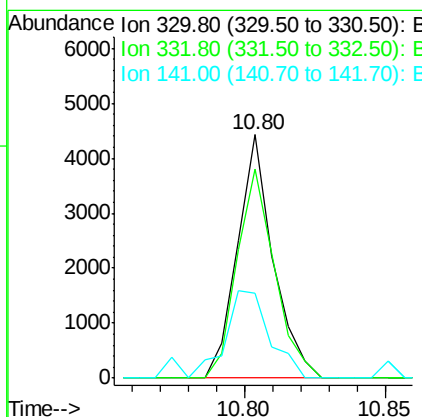
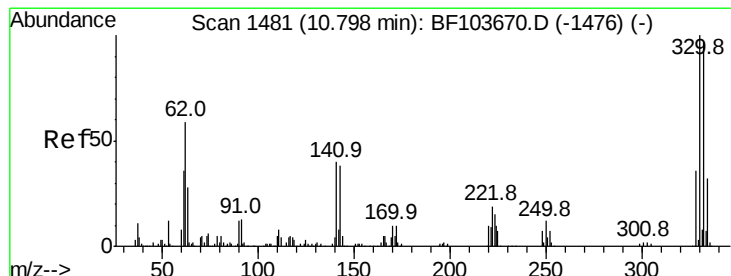
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF103863.D
 Acq: 22 Mar 2018 20:18

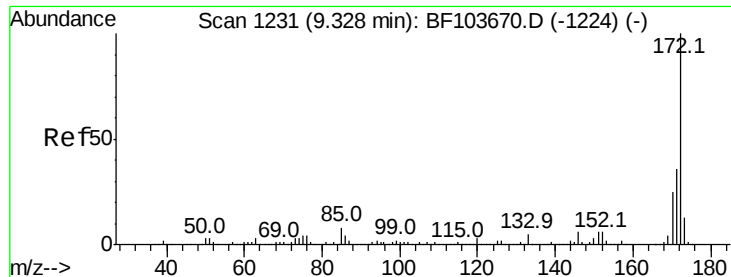
Tot Ion:164 Resp: 223841
 Ion Ratio Lower Upper
 164 100
 162 109.2 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 2.018 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103863.D
 Acq: 22 Mar 2018 20:18

Tgt Ion:330 Resp: 3884
 Ion Ratio Lower Upper
 330 100
 332 90.4 77.0 115.6
 141 44.3 29.9 44.9

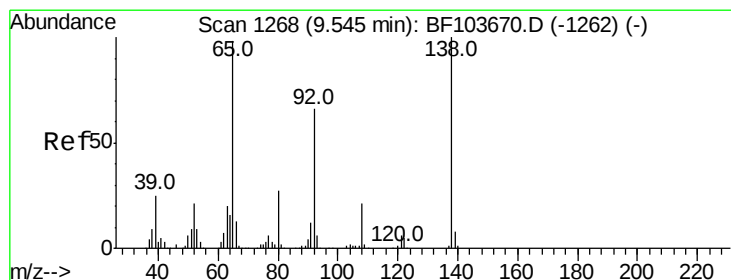
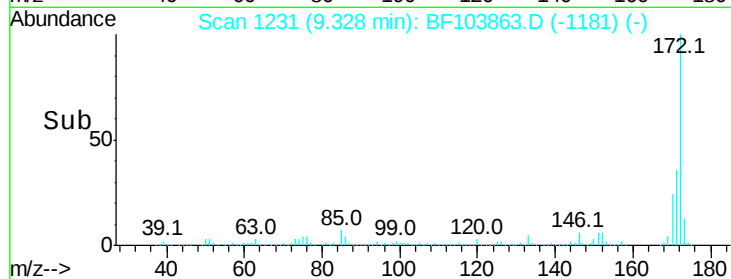
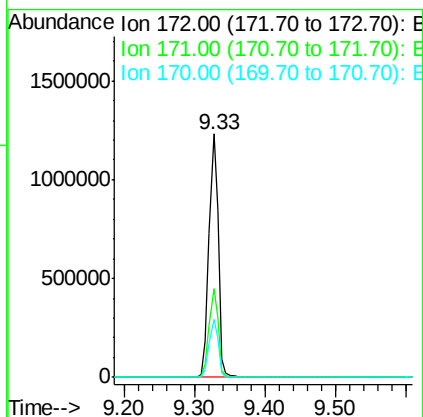
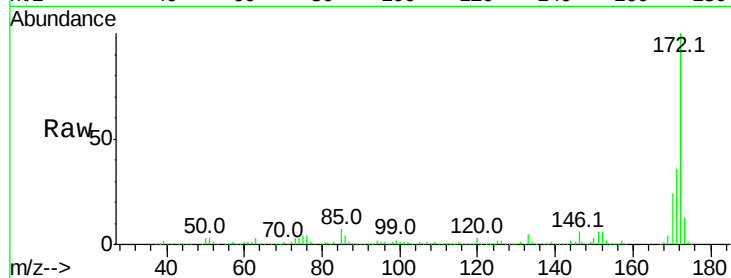




#44
 2-Fluorobiphenyl
 Concen: 79.569 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103863.D
 Acq: 22 Mar 2018 20:18

Tot Ion: 172 Resp: 1116566

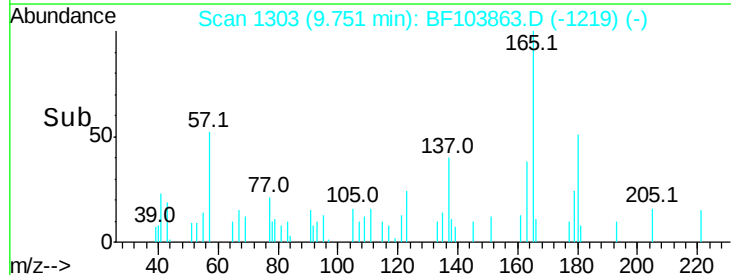
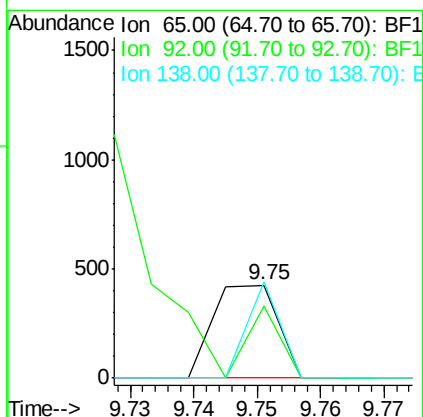
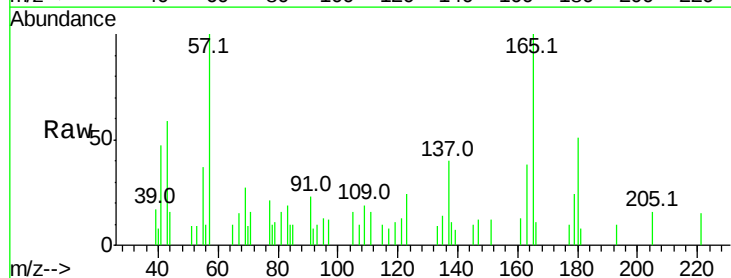
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

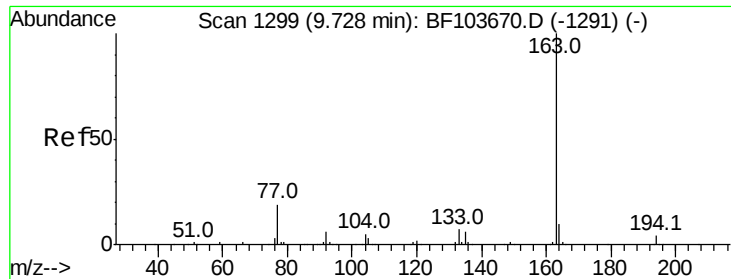


#47
 2-Nitroaniline
 Concen: 6.880 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF103863.D
 Acq: 22 Mar 2018 20:18

Tgt Ion: 65 Resp: 297

Ion	Ratio	Lower	Upper
65	100		
92	77.6	55.8	83.6
138	104.2	91.2	136.8





#49

Dimethylphthalate

Concen: 5.385 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

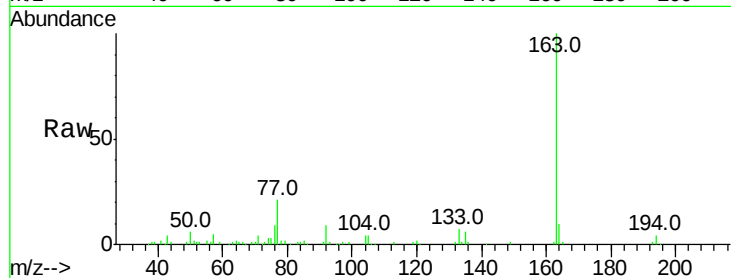
Tot Ion:163 Resp: 91956

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

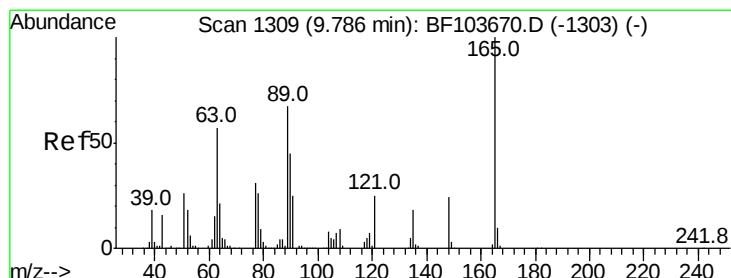
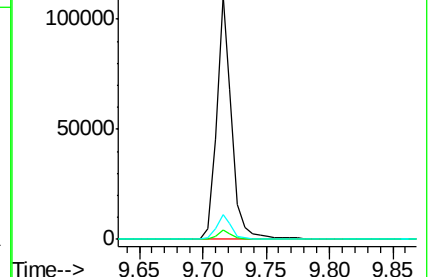
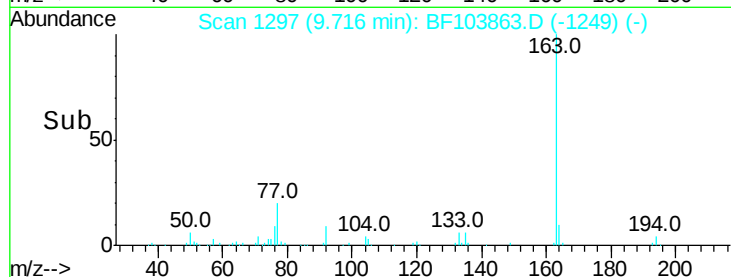
164 10.3 8.2 12.2



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: 4.853 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.05 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

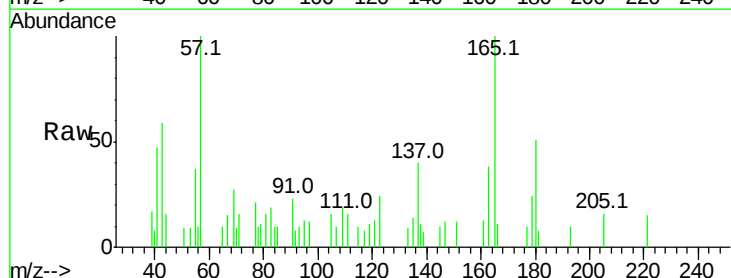
Tgt Ion:165 Resp: 3131

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

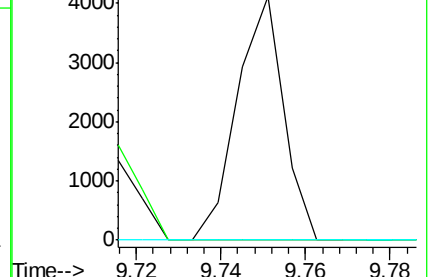
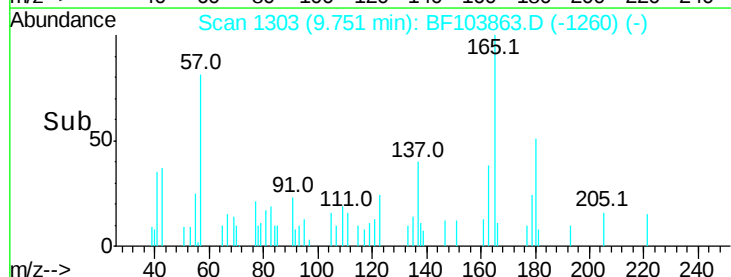
89 0.0 44.0 66.0#

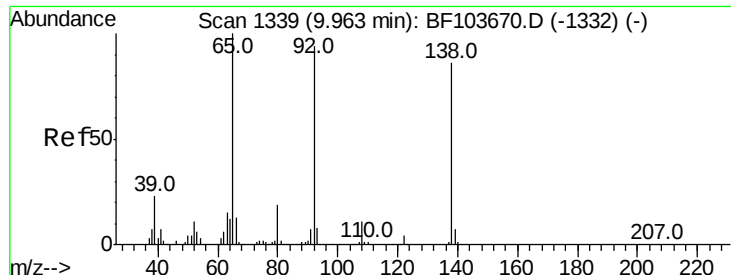


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#52

3-Nitroaniline

Concen: 3.851 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

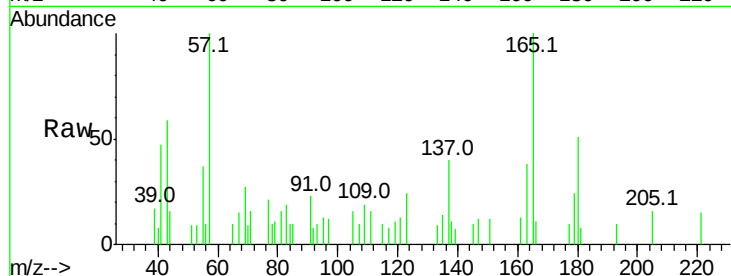
Tot Ion:138 Resp: 156

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

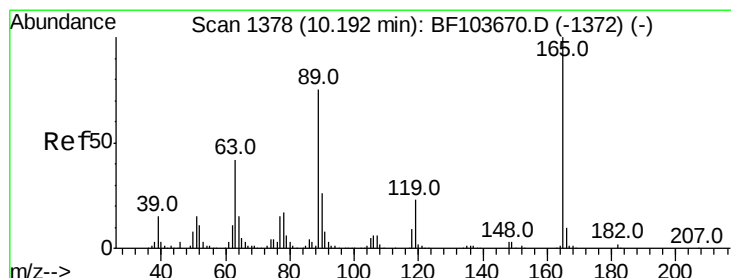
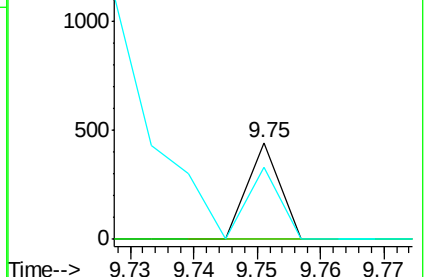
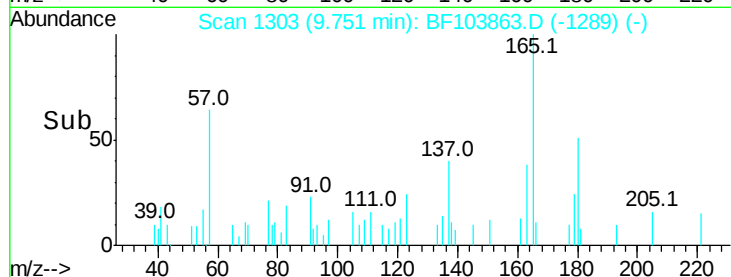
92 74.5 89.4 134.2#



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



#56

2,4-Dinitrotoluene

Concen: 12.152 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.19 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

Tgt Ion:165 Resp: 28549

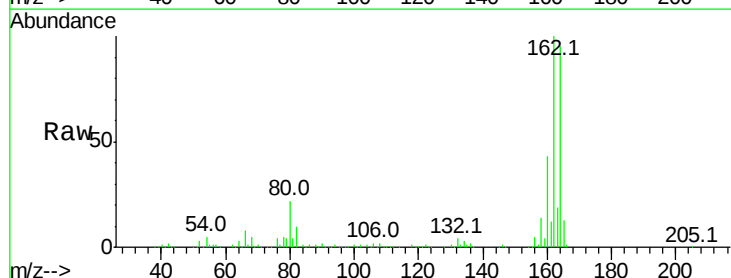
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

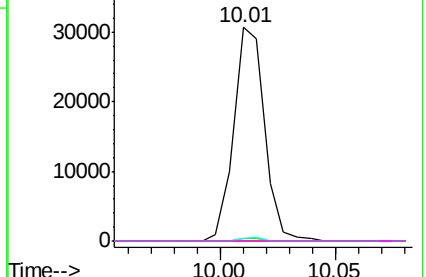
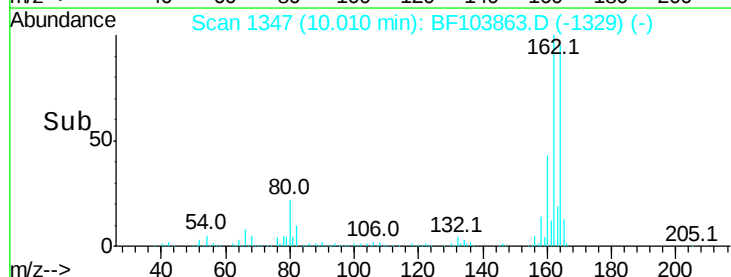


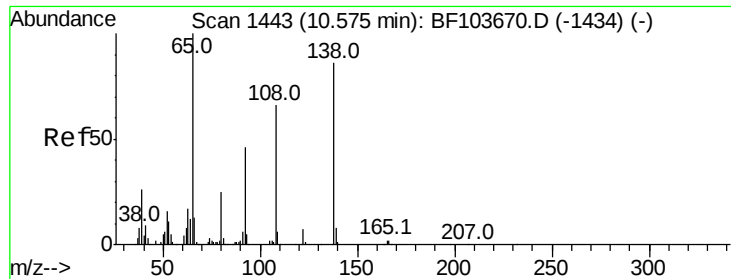
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

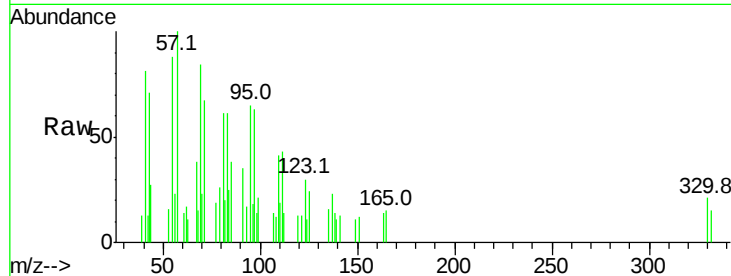
Ion 182.00 (181.70 to 182.70): E



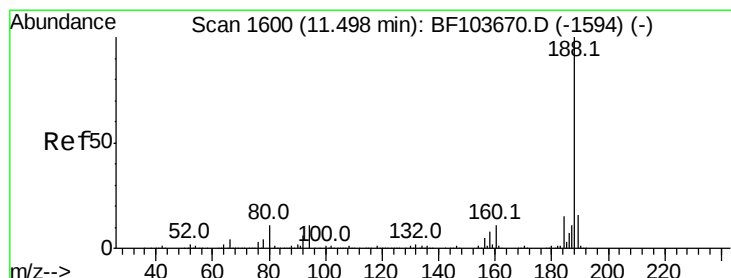
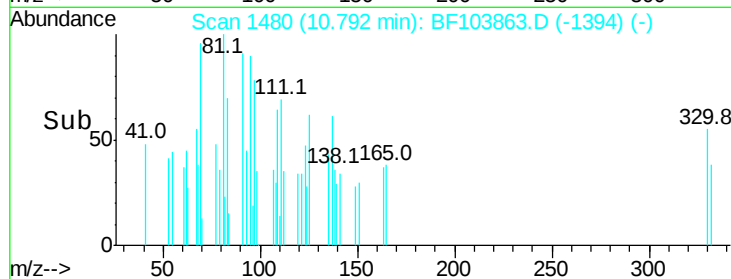
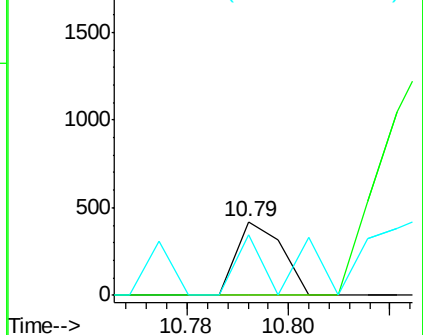


#61
4-Nitroaniline
Concen: 3.812 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.21 min
Lab File: BF103863.D
Acq: 22 Mar 2018 20:18

Tot Ion:138 Resp: 260
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 83.3 52.5 92.5

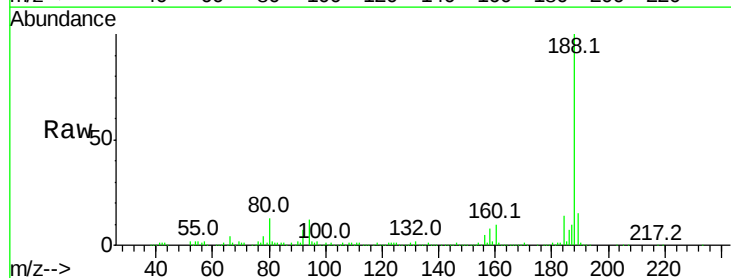


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

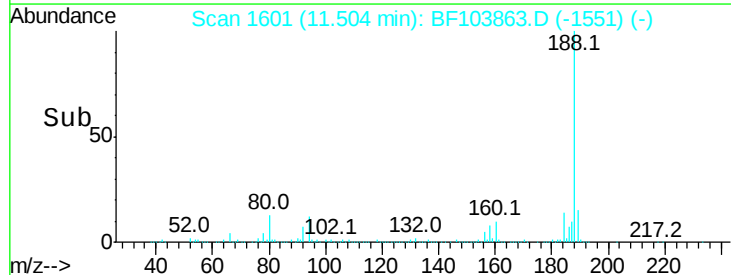
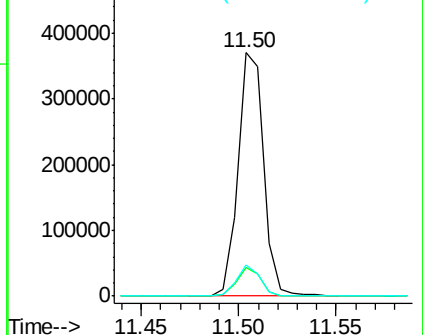


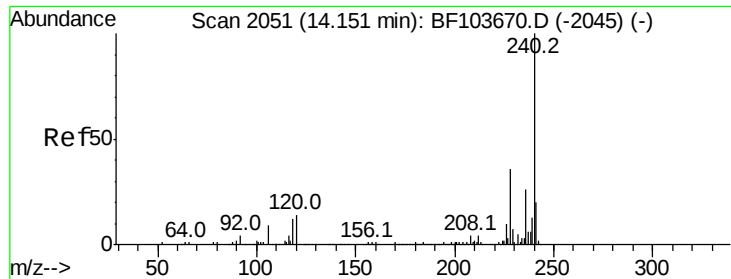
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103863.D
Acq: 22 Mar 2018 20:18

Tgt Ion:188 Resp: 335567
Ion Ratio Lower Upper
188 100
94 11.9 8.5 12.7
80 12.7 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

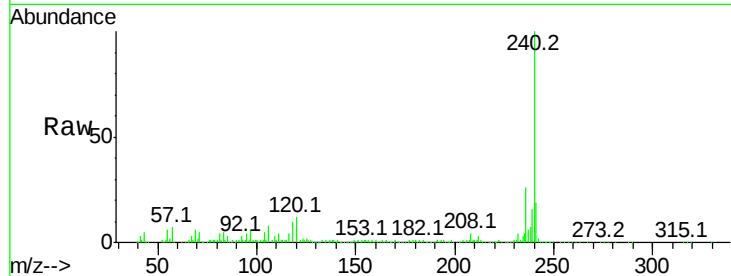
Delta R.T. -0.00 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

Tot Ion:240 Resp: 309263

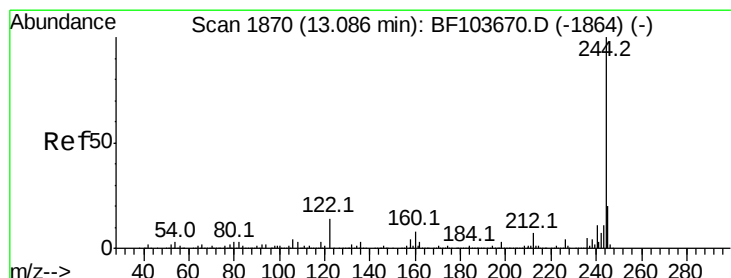
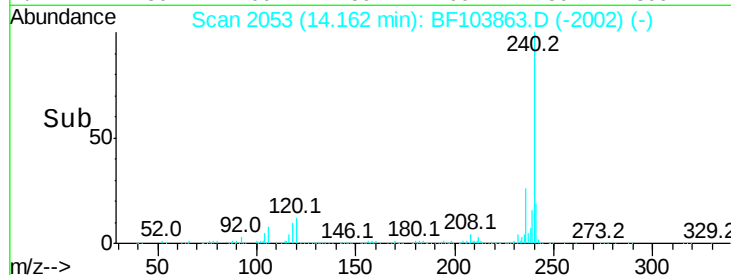
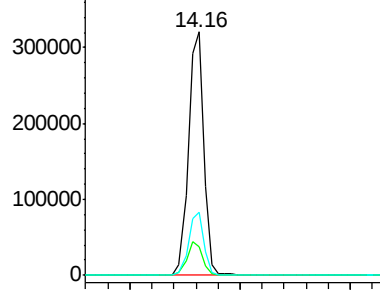
Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.9	20.7	31.1



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



#78

Terphenyl-d14

Concen: 64.389 ng

RT: 13.09 min Scan# 1871

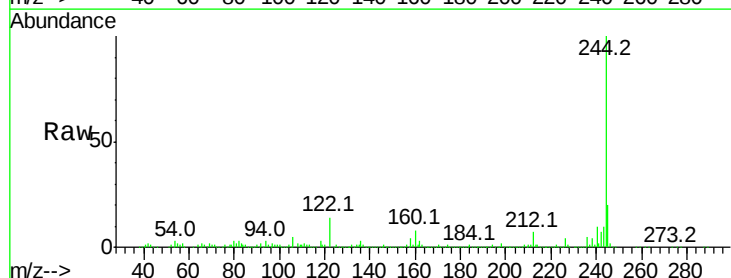
Delta R.T. -0.01 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

Tgt Ion:244 Resp: 857907

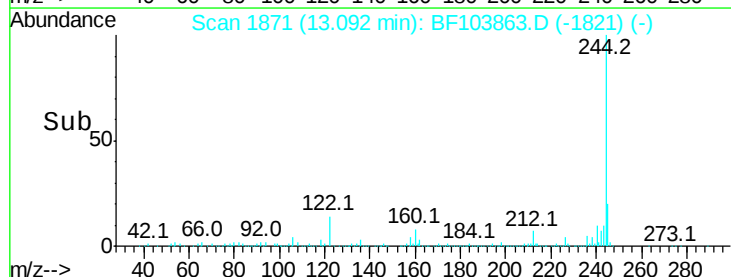
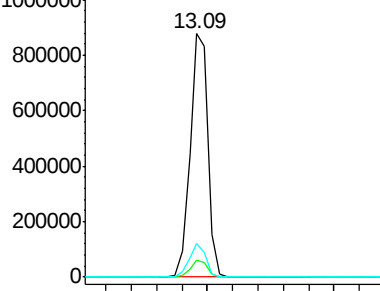
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	14.0	11.0	16.4

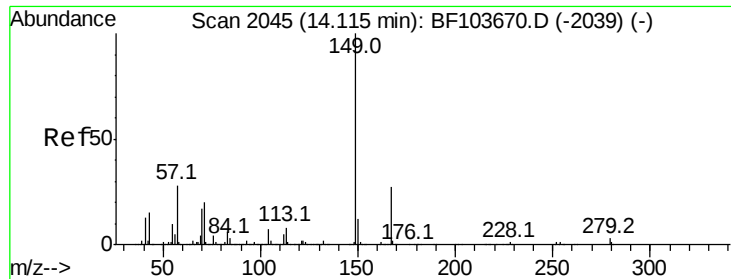


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.130 ng

RT: 14.12 min Scan# 2046

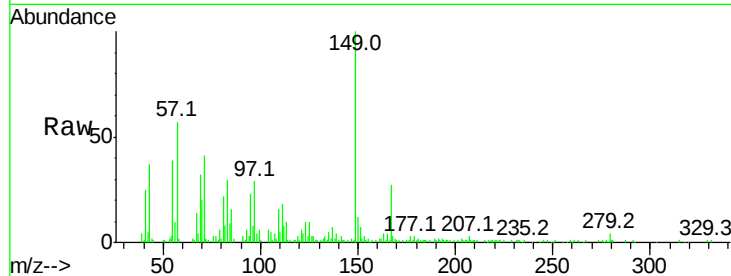
Delta R.T. -0.00 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

Tot Ion:149 Resp: 59370

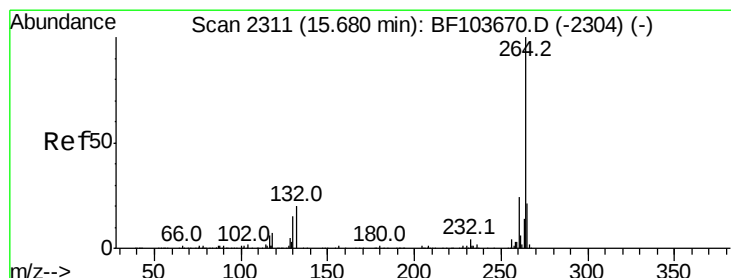
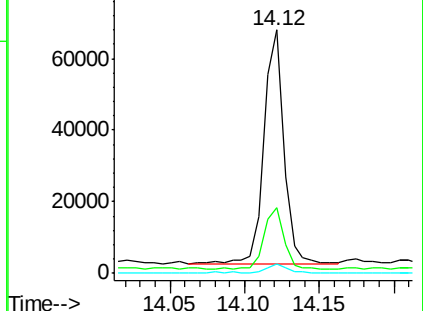
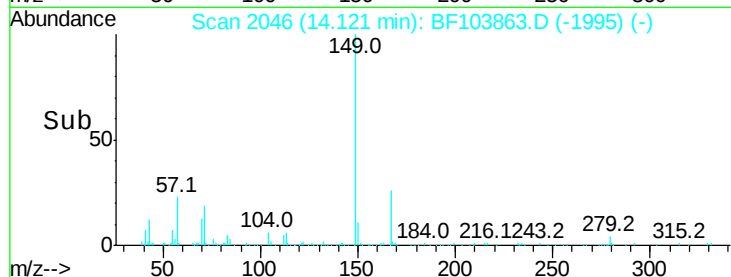
Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	4.0	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

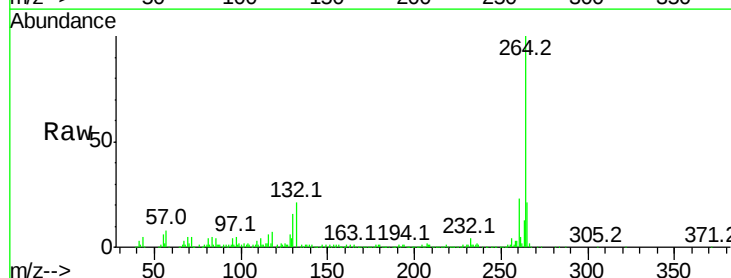
Delta R.T. 0.01 min

Lab File: BF103863.D

Acq: 22 Mar 2018 20:18

Tgt Ion:264 Resp: 251980

Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

