

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103853.D
 Acq On : 22 Mar 2018 15:53
 Operator : JU/SJ
 Sample : J1995-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

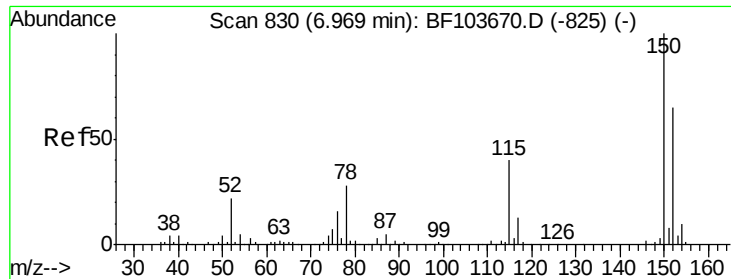
Quant Time: Mar 22 16:58:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161457	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	674205	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	319623	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	577582	20.00	ng	0.00
75) Chrysene-d12	14.16	240	413879	20.00	ng	0.00
86) Perylene-d12	15.69	264	353997	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1221042	115.03	ng	0.00
7) Phenol-d6	6.60	99	1482970	114.19	ng	0.00
23) Nitrobenzene-d5	7.53	82	934370	96.65	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	403690	146.90	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1497295	74.73	ng	0.00
78) Terphenyl-d14	13.09	244	1479577	82.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	25945	3.041	ng	85
19) n-Nitroso-di-n-propylamine	7.53	70	121314	14.576	ng	# 73
25) Isophorone	7.53	82	934365	41.749	ng	# 64
47) 2-Nitroaniline	9.72	65	1307	7.017	ng	# 1
49) Dimethylphthalate	9.72	163	150988	6.192	ng	99
50) 2,6-Dinitrotoluene	9.72	165	1464	4.268	ng	# 19
56) 2,4-Dinitrotoluene	10.01	165	41218	12.218	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	878	8.572	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	23818	4.016	ng	# 1

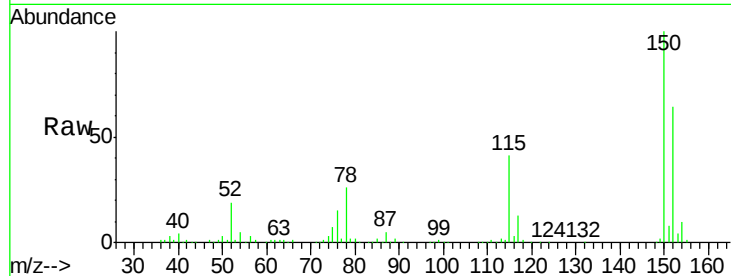
(#) = qualifier out of range (m) = manual integration (+) = signals summed



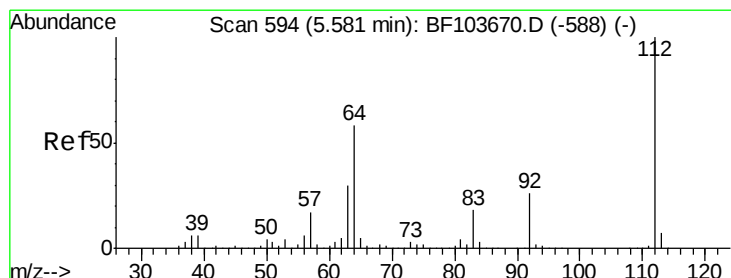
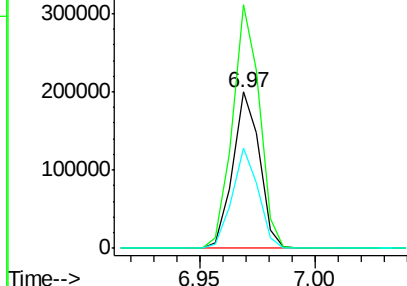
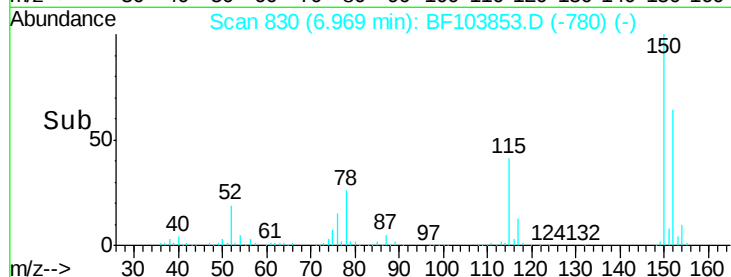
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103853.D
Acq: 22 Mar 2018 15:53

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	64.4	50.1	75.1



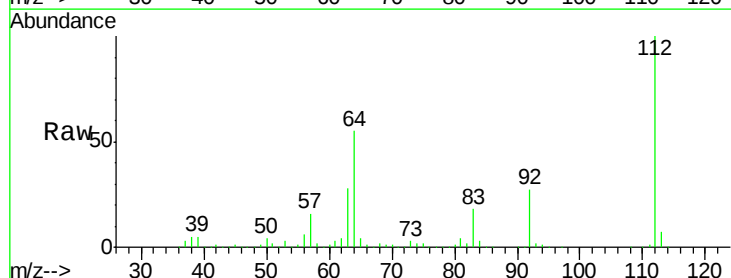
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



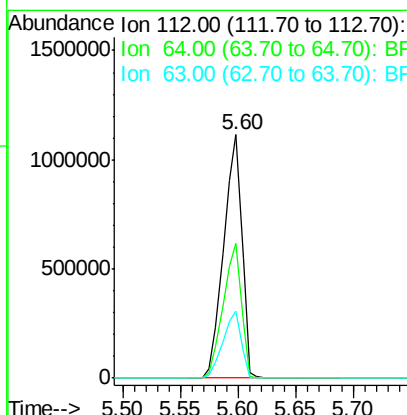
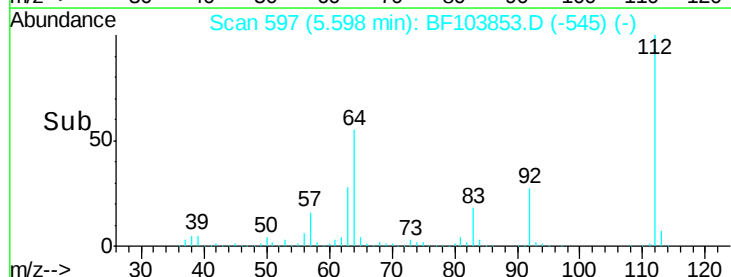
#5

2-Fluorophenol
Concen: 115.027 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103853.D
Acq: 22 Mar 2018 15:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	47.9	71.9
63	27.6	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: 114.189 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF103853.D

Acq: 22 Mar 2018 15:53

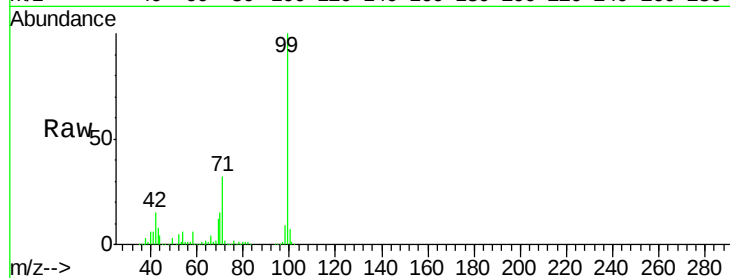
Tot Ion: 99 Resp: 1482970

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

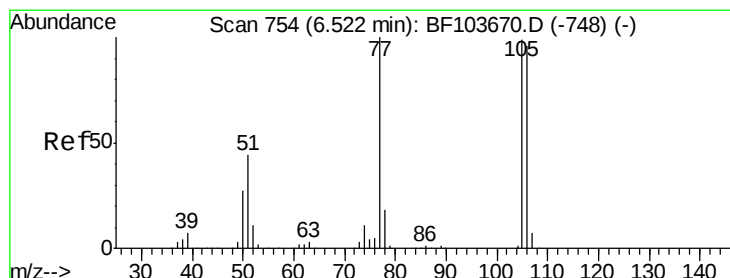
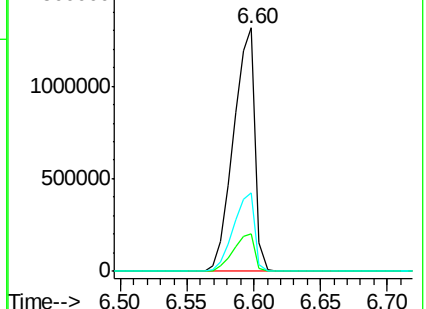
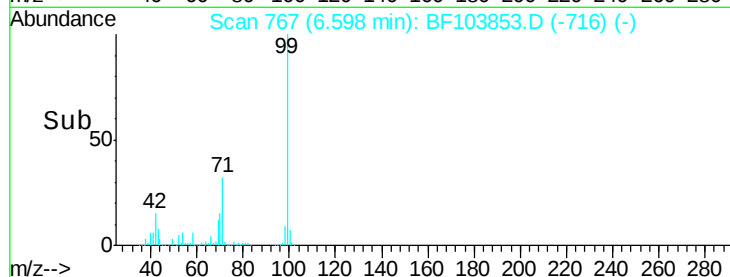
71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.041 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103853.D

Acq: 22 Mar 2018 15:53

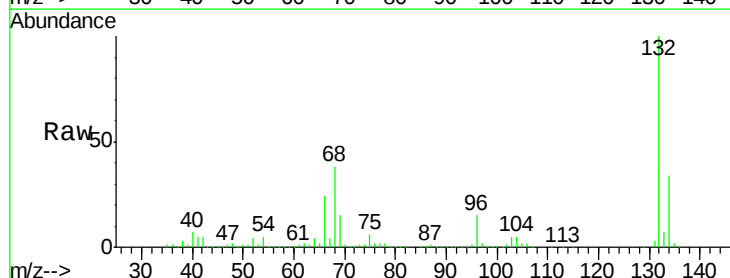
Tgt Ion: 77 Resp: 25945

Ion Ratio Lower Upper

77 100

105 85.5 81.1 121.1

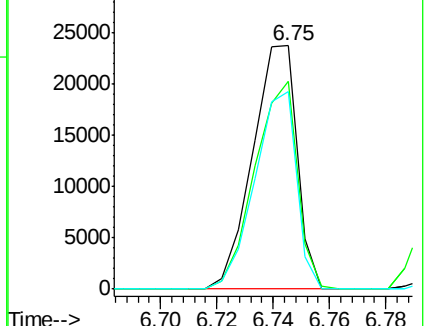
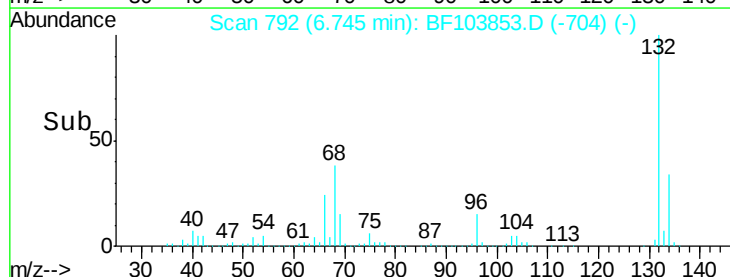
106 81.4 74.5 114.5

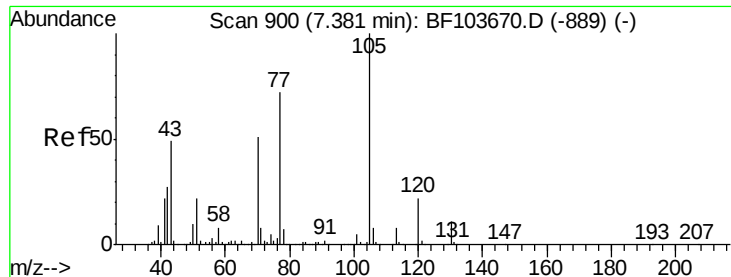


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

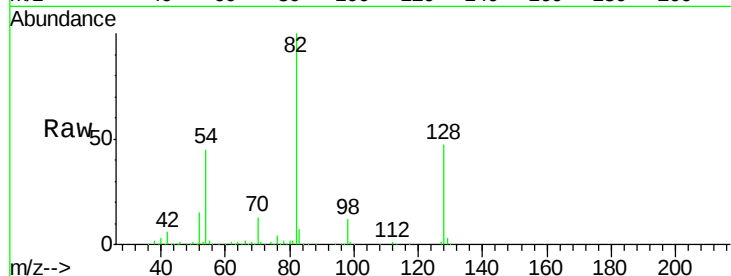
Ion 106.00 (105.70 to 106.70): BF1





#19
n-Nitroso-di-n-propylamine
Concen: 14.576 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103853.D
Acq: 22 Mar 2018 15:53

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#

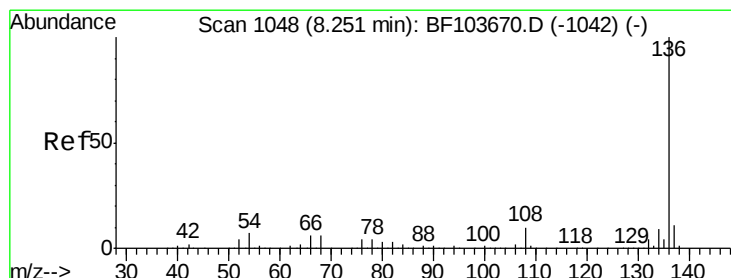
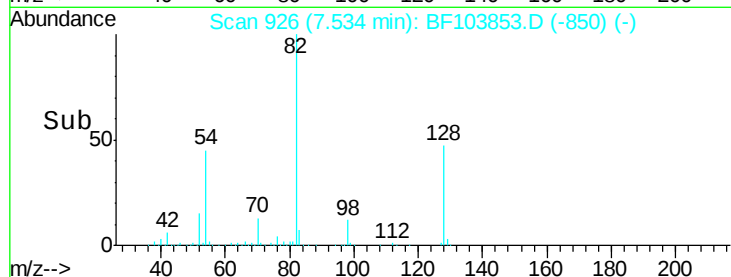
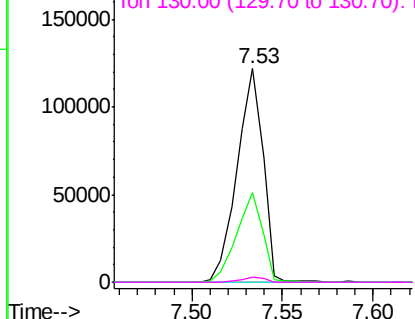


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF103853.D
Acq: 22 Mar 2018 15:53

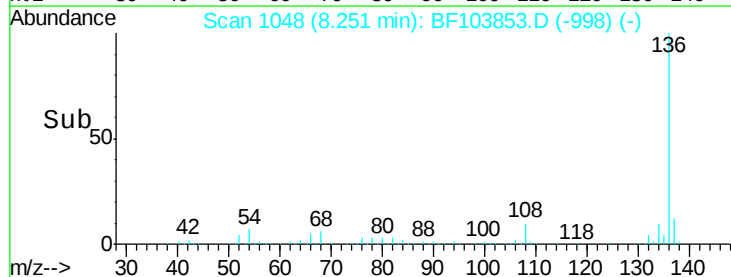
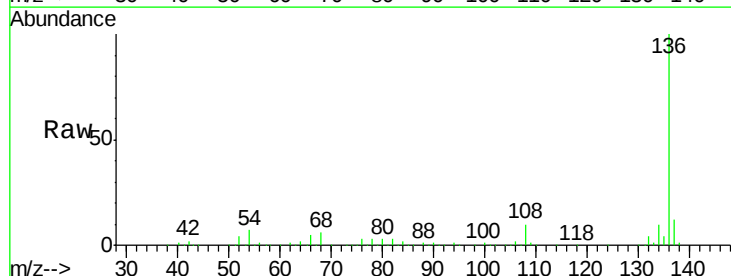
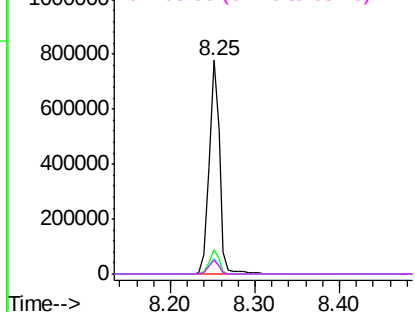
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.1	6.6	9.8
68	6.3	5.0	7.4

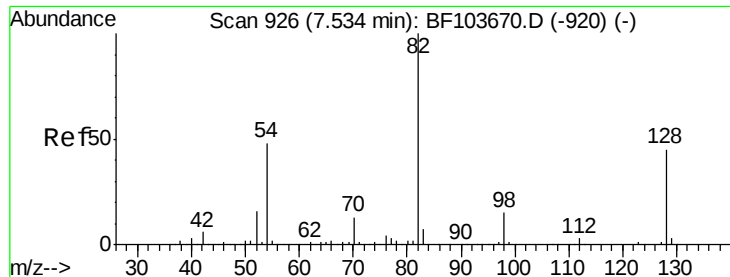
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

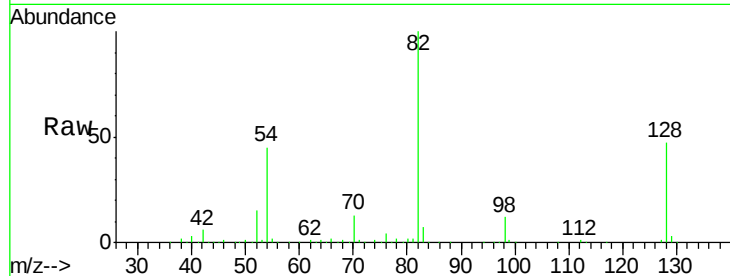
Ion 68.00 (67.70 to 68.70): BF1



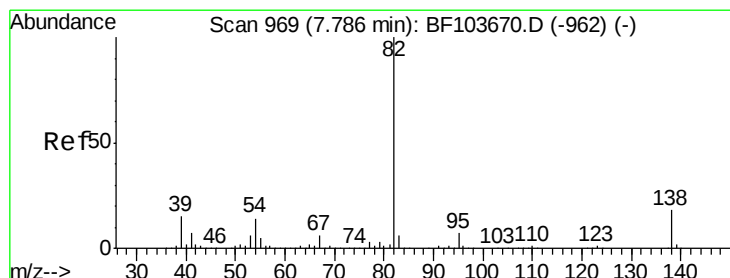
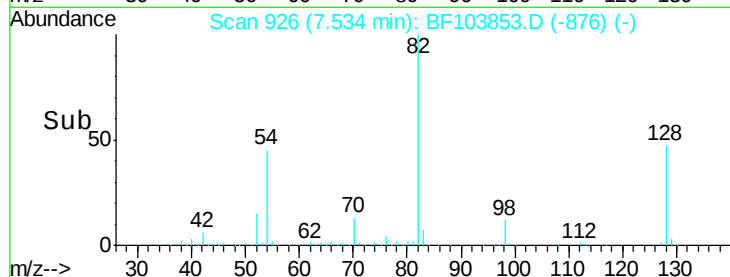
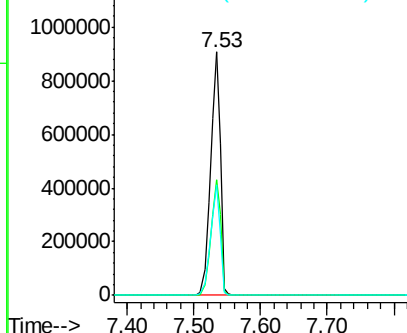


#23
 Nitrobenzene-d5
 Concen: 96.646 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

Tot Ion: 82 Resp: 934370
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 45.2 41.4 62.2

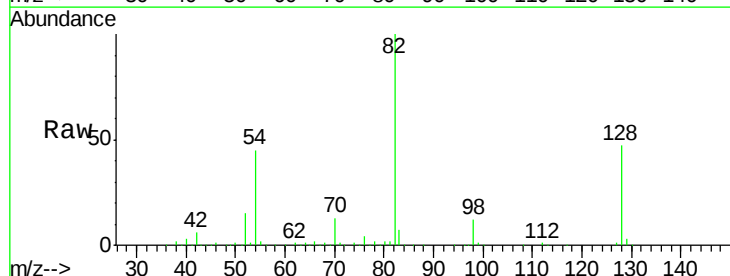


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

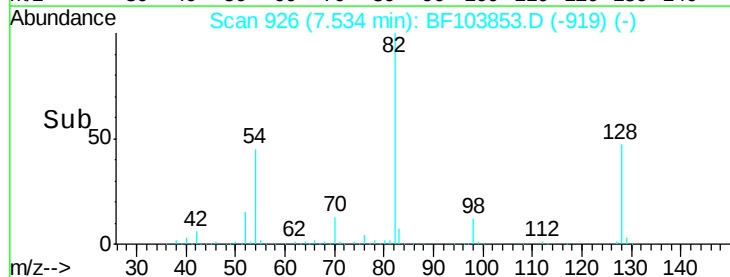
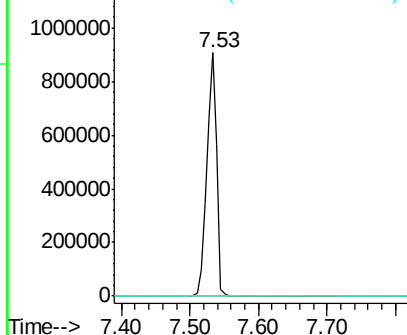


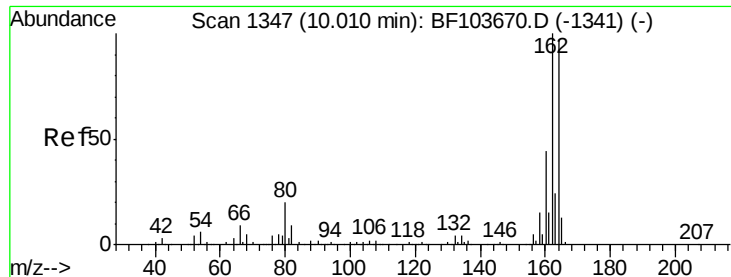
#25
 Isophorone
 Concen: 41.749 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.26 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

Tgt Ion: 82 Resp: 934365
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



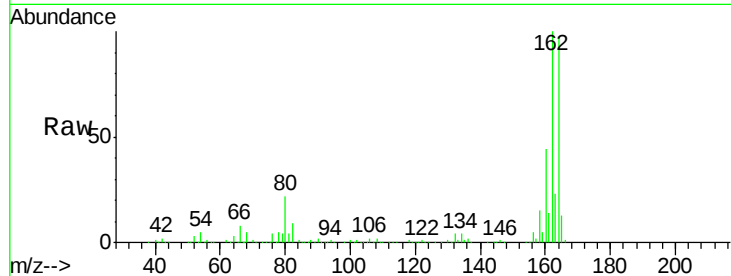
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1



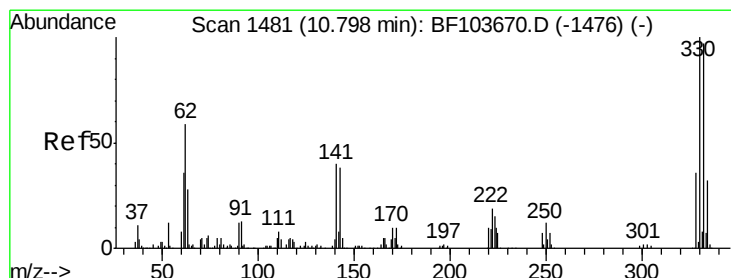
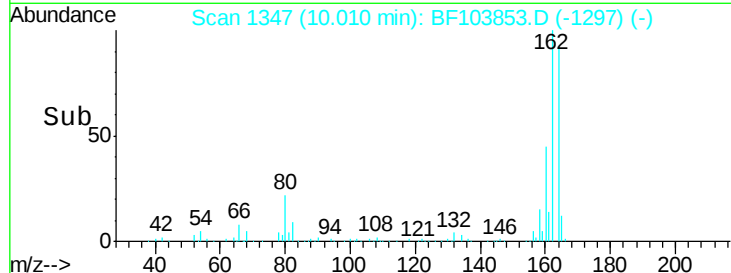
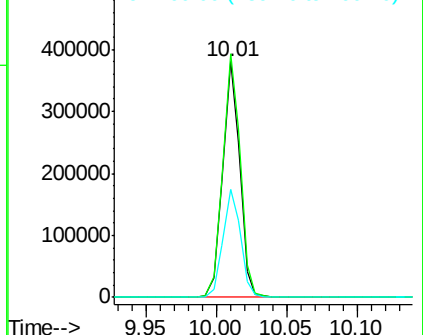


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103853.D
Acq: 22 Mar 2018 15:53

Tot Ion:164 Resp: 319623
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.8 38.3 57.5

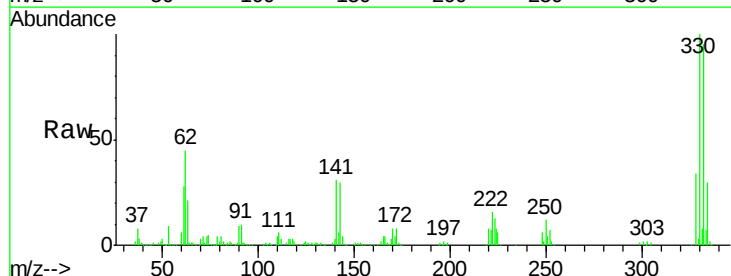


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

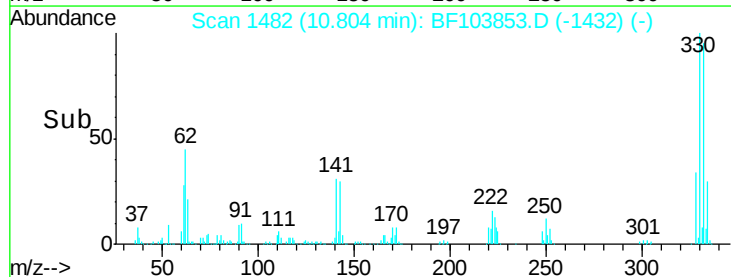
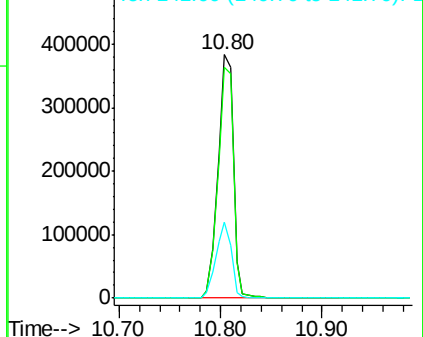


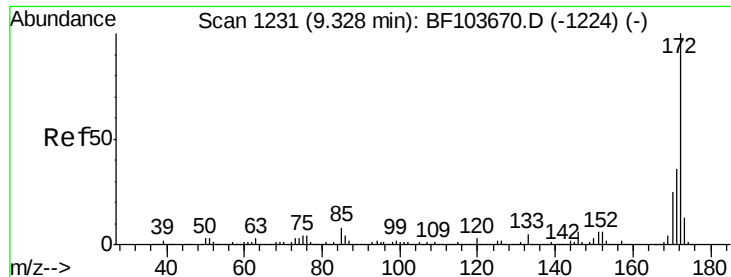
#41
2,4,6-Tribromophenol
Concen: 146.896 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103853.D
Acq: 22 Mar 2018 15:53

Tgt Ion:330 Resp: 403690
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 31.1 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

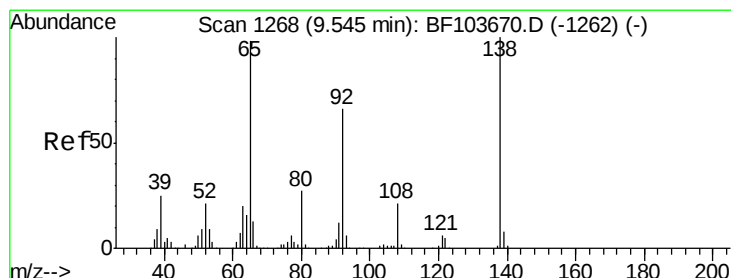
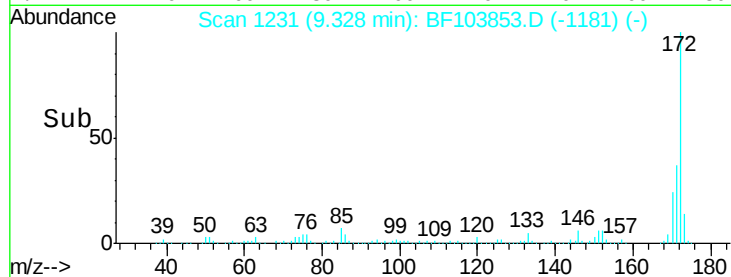
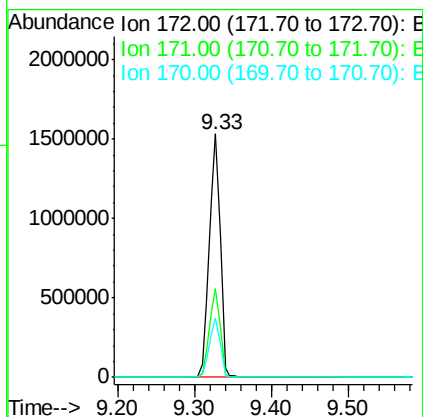
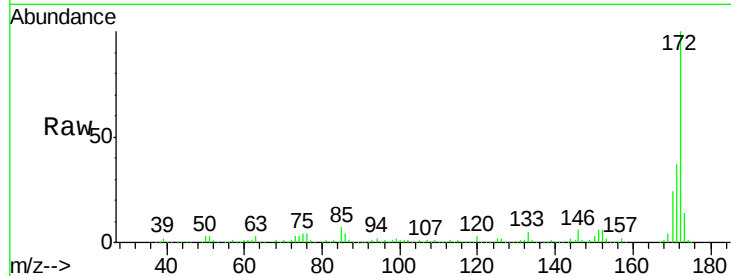




#44
 2-Fluorobiphenyl
 Concen: 74.726 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

Tot Ion:172 Resp: 1497295

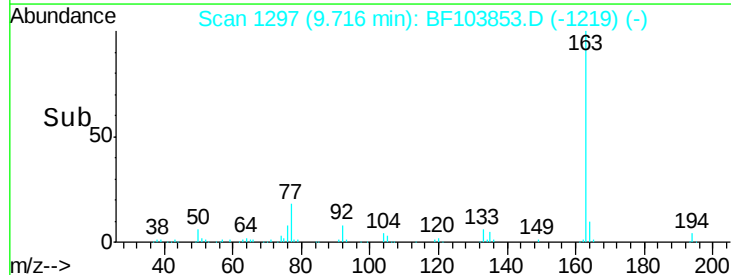
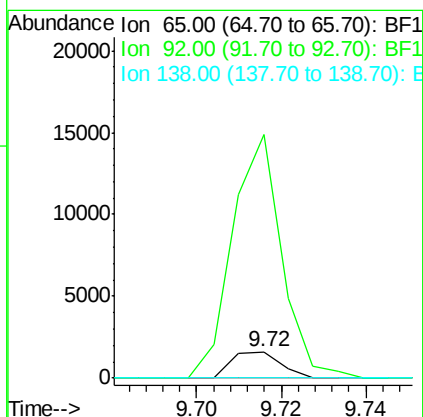
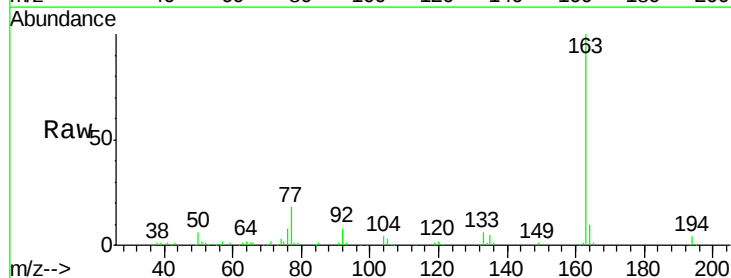
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4

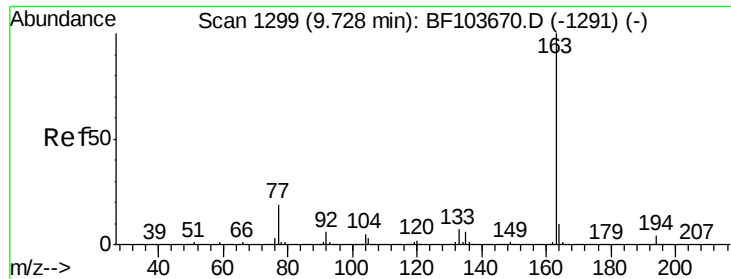


#47
 2-Nitroaniline
 Concen: 7.017 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.16 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

Tgt Ion: 65 Resp: 1307

Ion	Ratio	Lower	Upper
65	100		
92	925.9	55.8	83.6#
138	0.0	91.2	136.8#





#49

Dimethylphthalate

Concen: 6.192 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103853.D

Acq: 22 Mar 2018 15:53

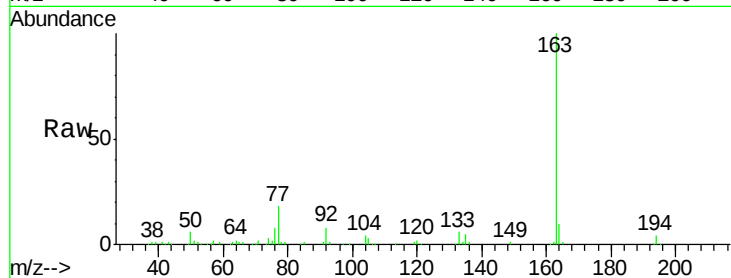
Tot Ion:163 Resp: 150988

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

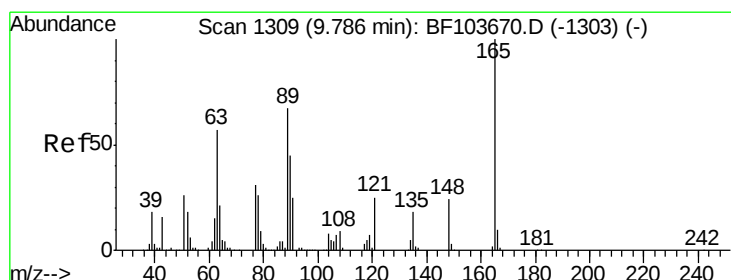
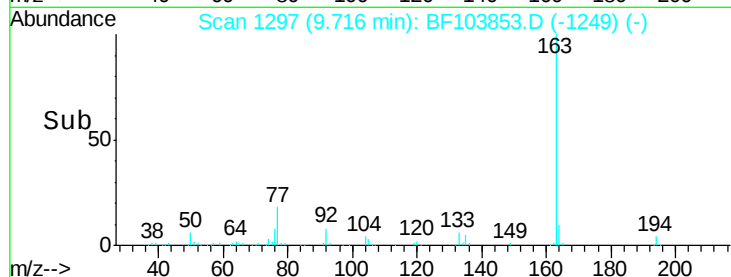
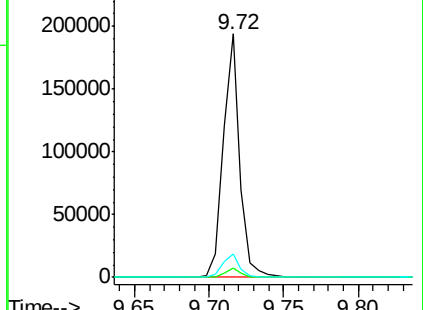
164 9.8 8.2 12.2



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: 4.268 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF103853.D

Acq: 22 Mar 2018 15:53

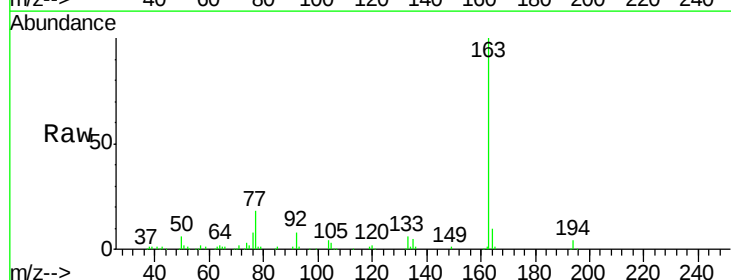
Tgt Ion:165 Resp: 1464

Ion Ratio Lower Upper

165 100

63 117.9 44.7 67.1#

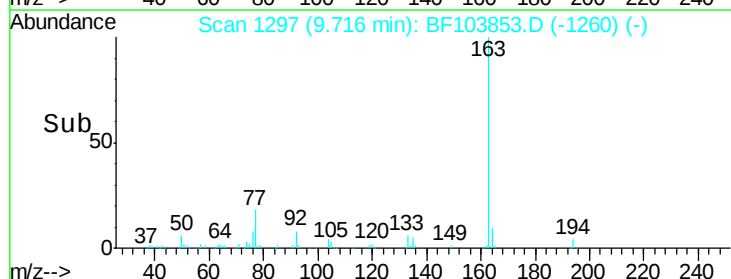
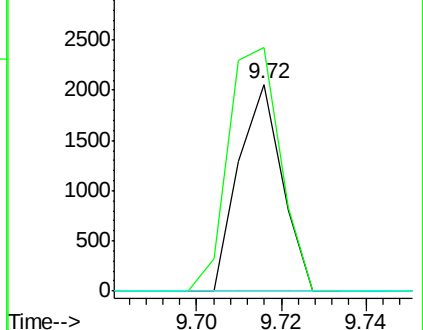
89 0.0 44.0 66.0#

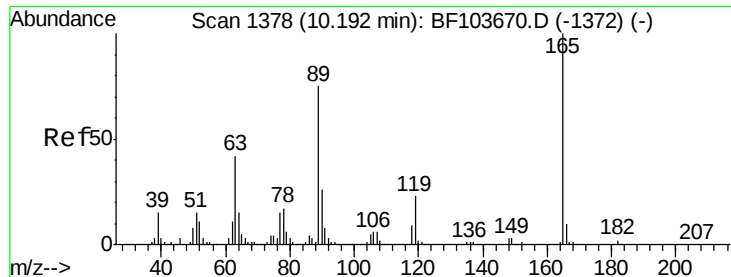


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

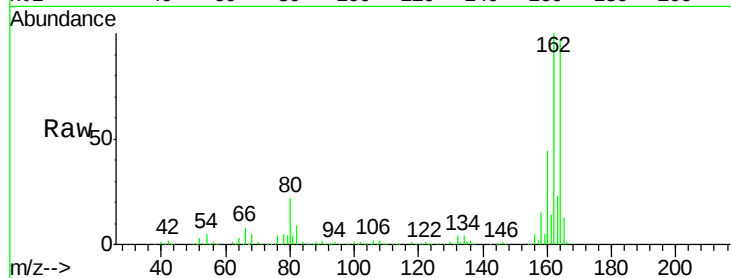
Ion 89.00 (88.70 to 89.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 12.218 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

Tot Ion:165	Resp:	41218
Ion Ratio	Lower	Upper
165	100	
63	0.9	36.4 54.6#
89	1.5	57.8 86.6#
182	0.0	1.6 2.4#

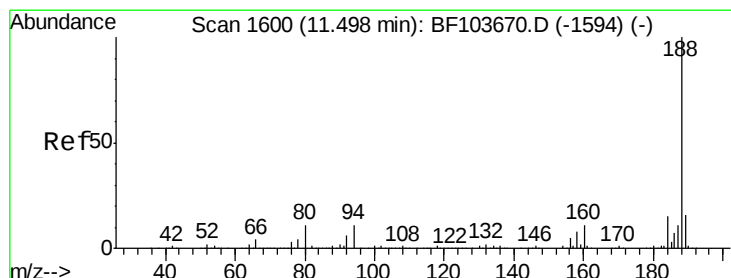
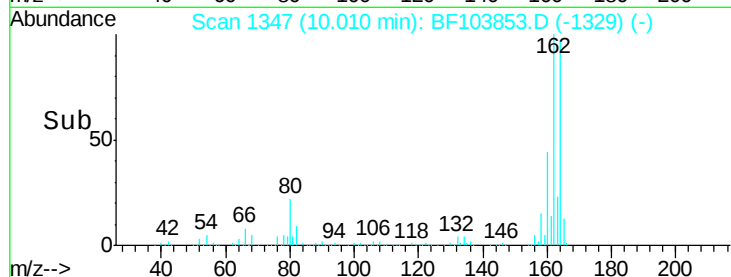
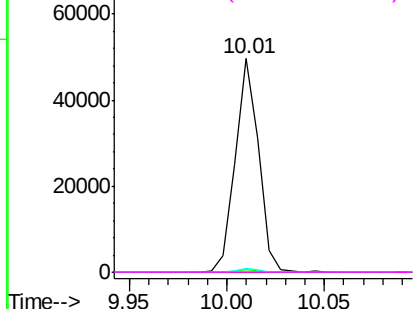


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

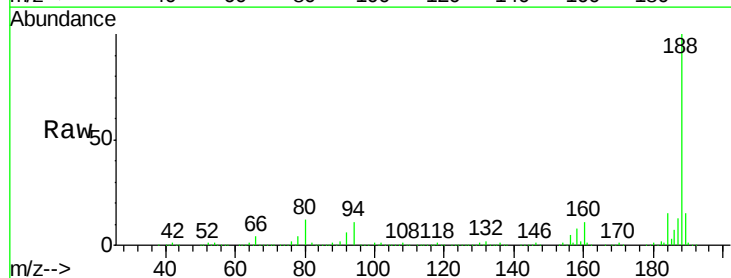
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

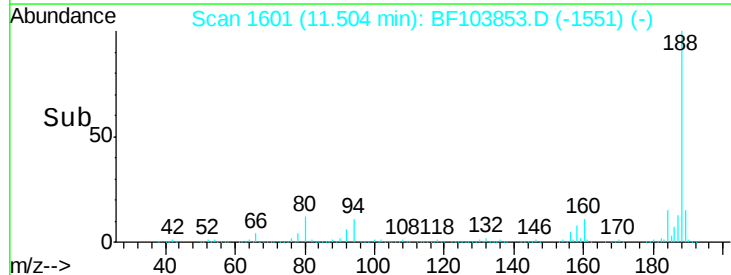
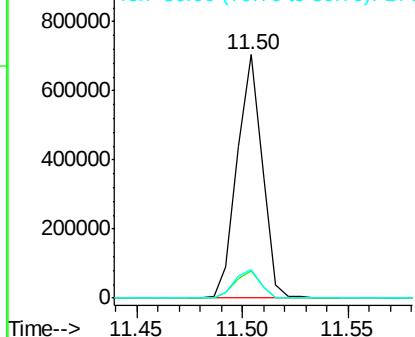
Tgt Ion:188	Resp:	577582
Ion Ratio	Lower	Upper
188	100	
94	11.2	8.5 12.7
80	11.7	9.2 13.8

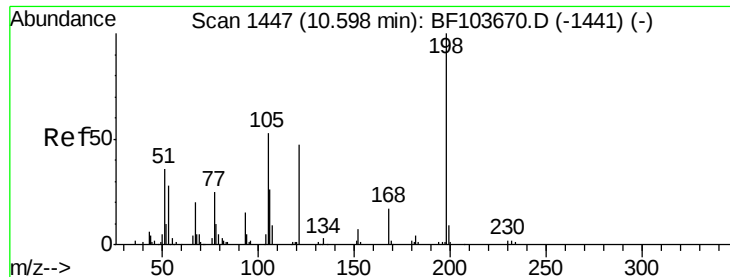


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 8.572 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.19 min

Lab File: BF103853.D

Acq: 22 Mar 2018 15:53

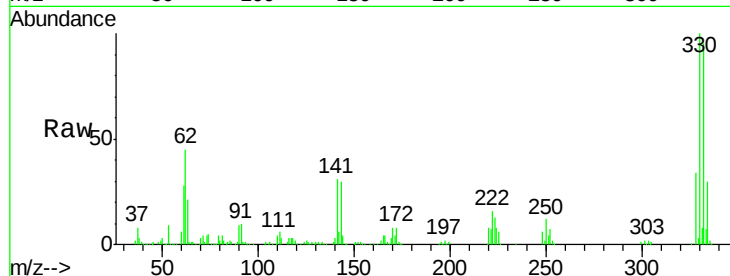
Tot Ion:198 Resp: 878

Ion Ratio Lower Upper

198 100

51 145.3 37.7 77.7#

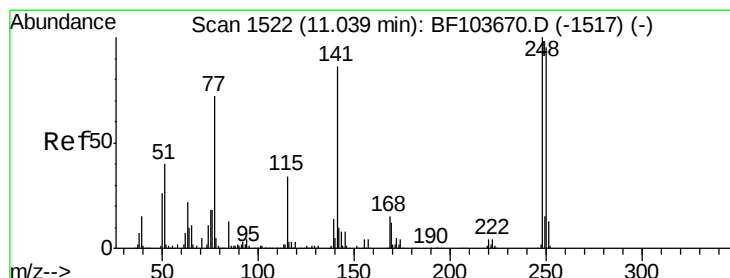
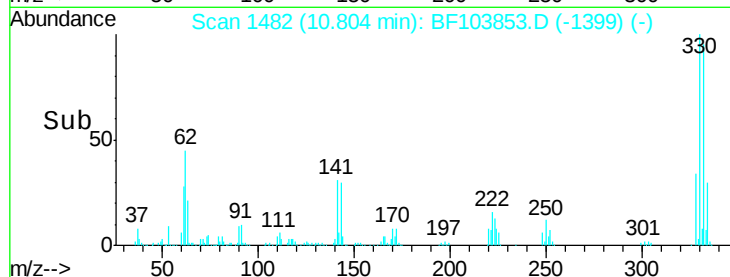
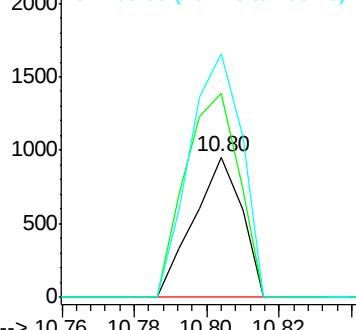
105 173.6 36.3 76.3#



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: 4.016 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.25 min

Lab File: BF103853.D

Acq: 22 Mar 2018 15:53

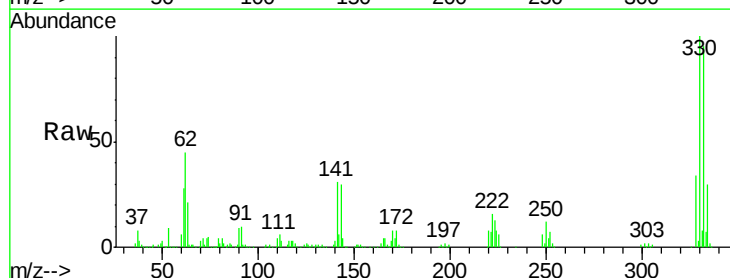
Tgt Ion:248 Resp: 23818

Ion Ratio Lower Upper

248 100

250 195.3 76.9 115.3#

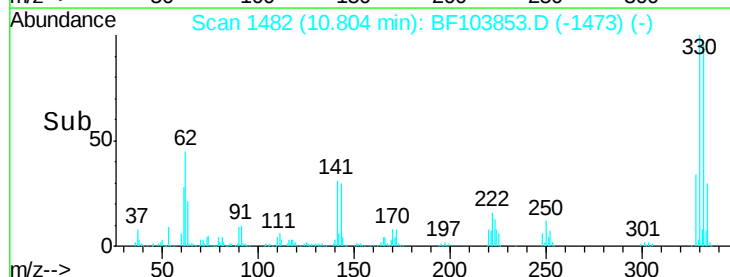
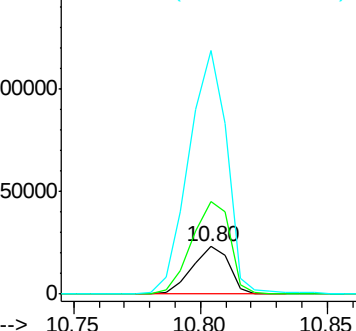
141 511.2 74.4 111.6#

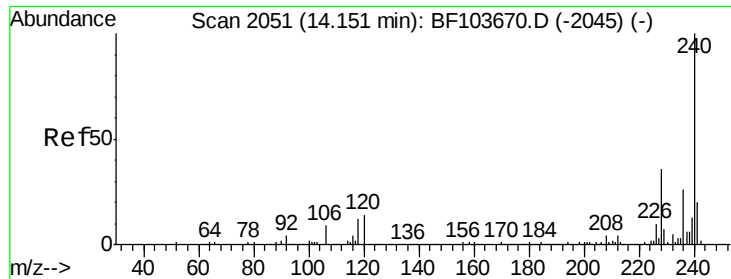


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

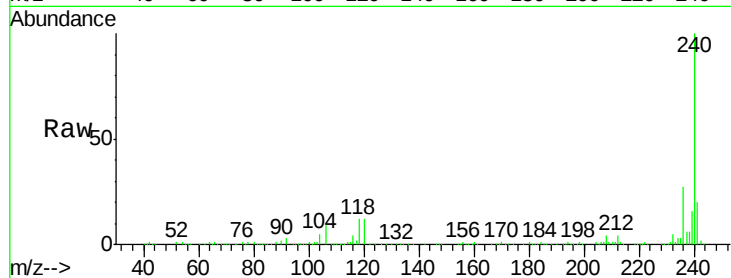
Ion 141.00 (140.70 to 141.70): E



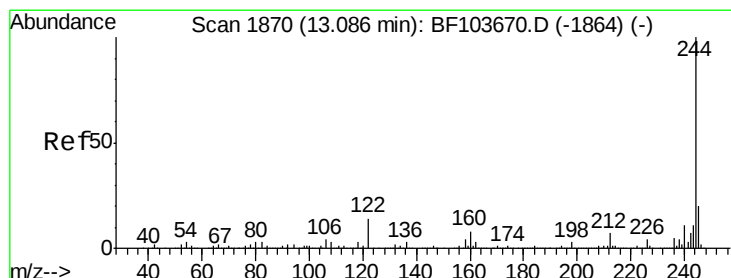
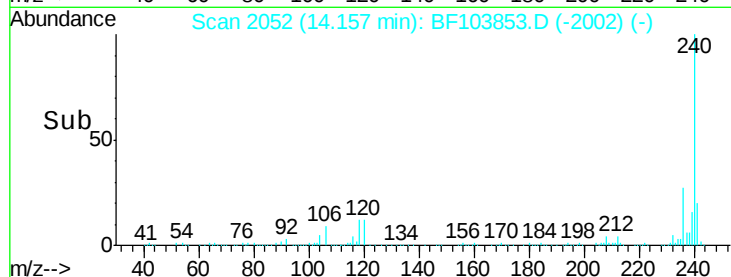
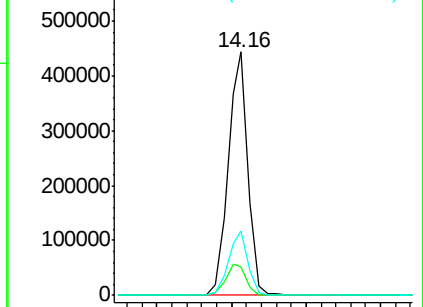


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.5	20.7	31.1

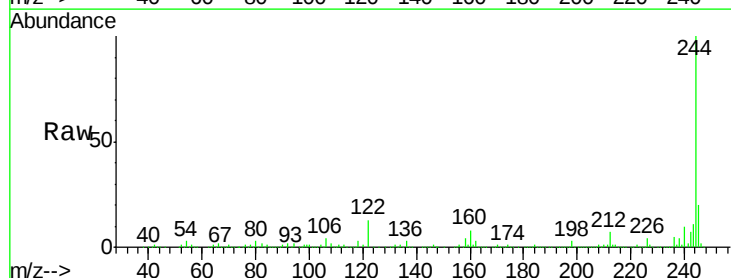


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

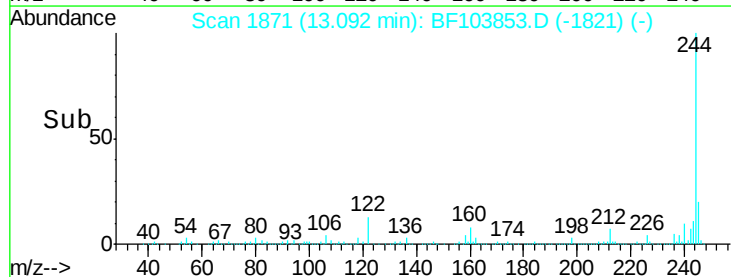
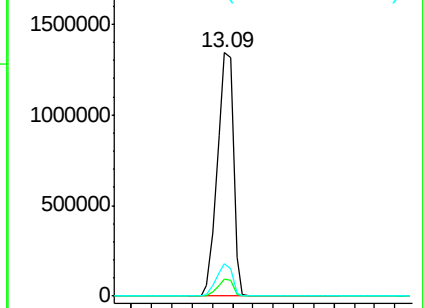


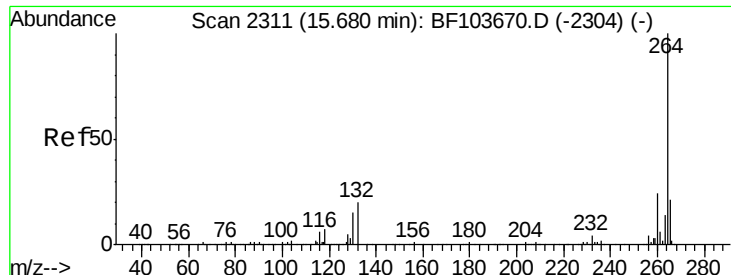
#78
 Terphenyl-d14
 Concen: 82.979 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103853.D
 Acq: 22 Mar 2018 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.1	11.0	16.4



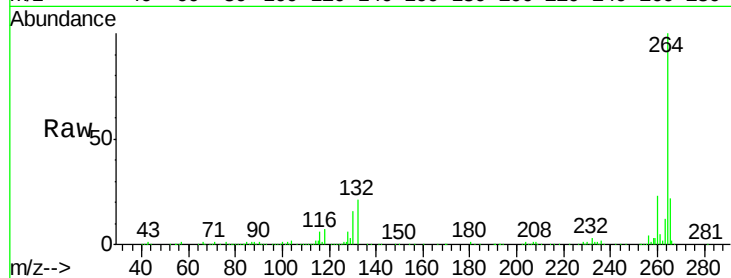
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BF103853.D
Acq: 22 Mar 2018 15:53

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.6	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

