

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103850.D
 Acq On : 22 Mar 2018 14:33
 Operator : JU/SJ
 Sample : PB107541BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

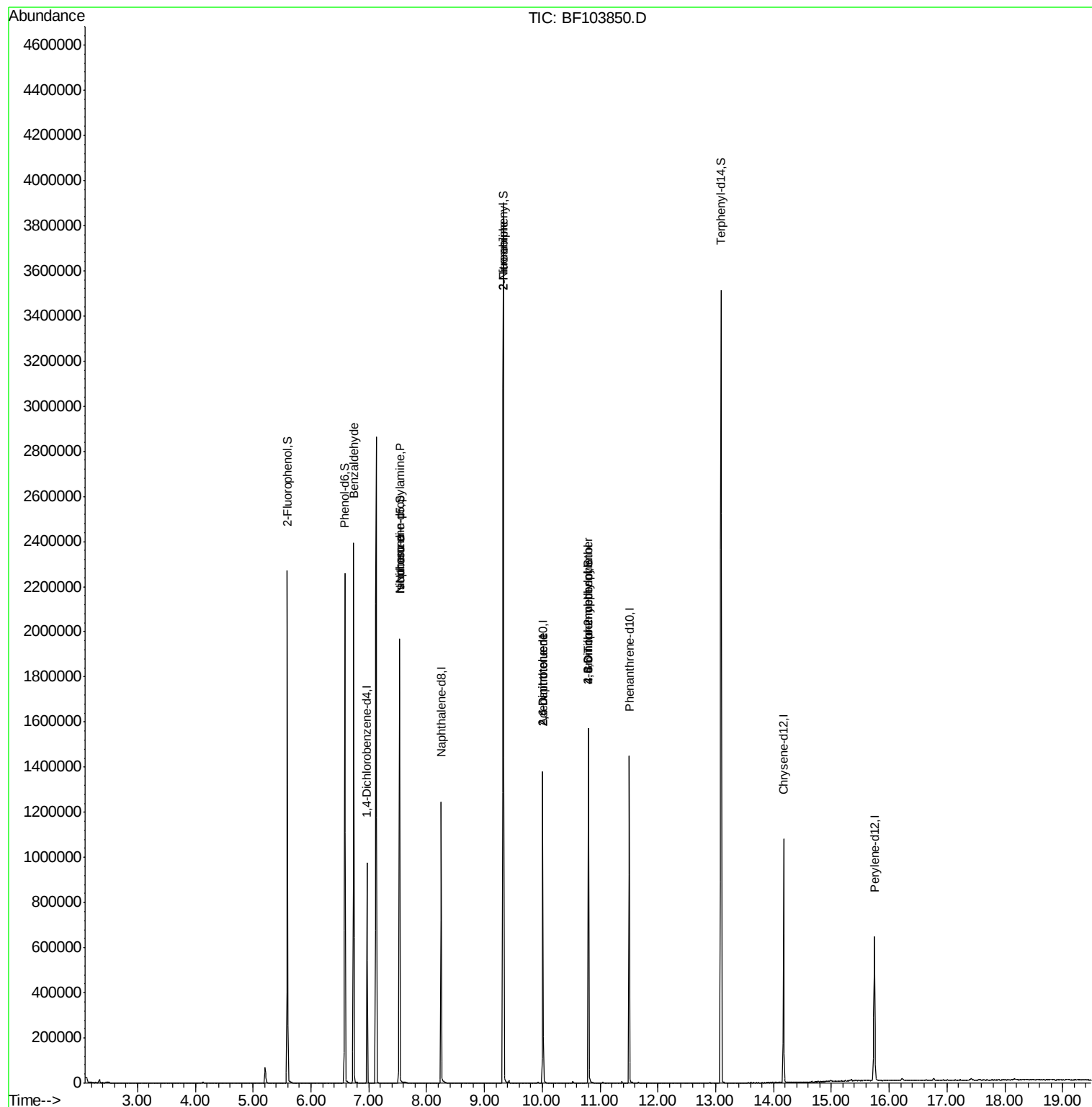
Quant Time: Mar 22 15:39:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

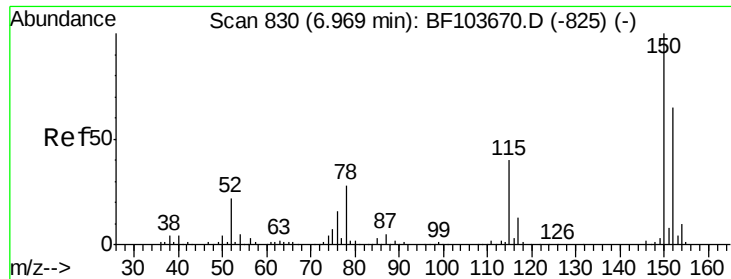
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132948	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	548250	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	259867	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	481428	20.00	ng	0.00
75) Chrysene-d12	14.17	240	350592	20.00	ng	0.01
86) Perylene-d12	15.74	264	299720	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	675720	77.31	ng	0.00
7) Phenol-d6	6.59	99	801889	74.99	ng	-0.01
23) Nitrobenzene-d5	7.53	82	692141	88.04	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	201813	90.32	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1268093	77.84	ng	0.00
78) Terphenyl-d14	13.09	244	1232820	81.62	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	14051	2.000	ng	85
19) n-Nitroso-di-n-propylamine	7.53	70	88868	12.967	ng	# 73
25) Isophorone	7.53	82	692132	38.030	ng	# 64
47) 2-Nitroaniline	9.33	65	2058	7.206	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	33406	11.971	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	33406	12.199	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	290	8.296	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	12528	2.534	ng	# 1

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032218\
Data File : BF103850.D
Acq On : 22 Mar 2018 14:33
Operator : JU/SJ
Sample : PB107541BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 22 15:39:26 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

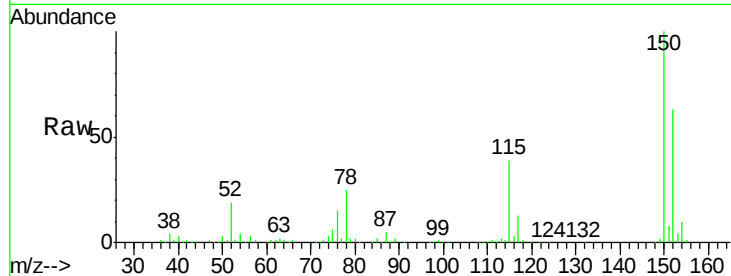




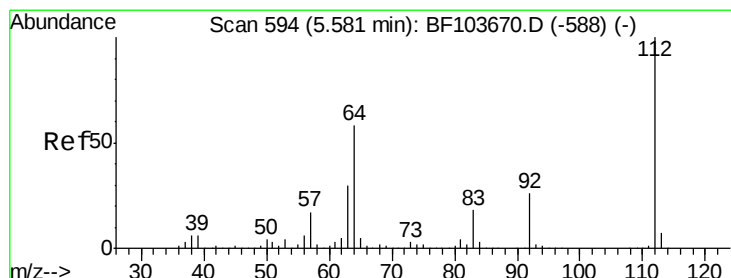
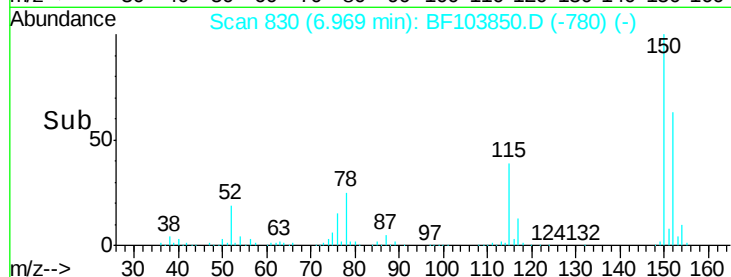
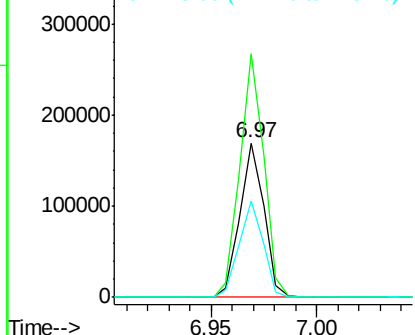
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tot Ion:152 Resp: 132948
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.1 50.1 75.1



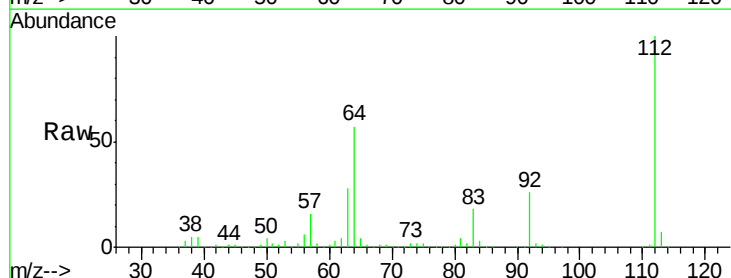
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



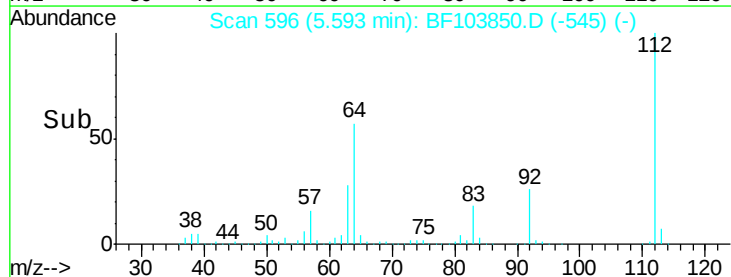
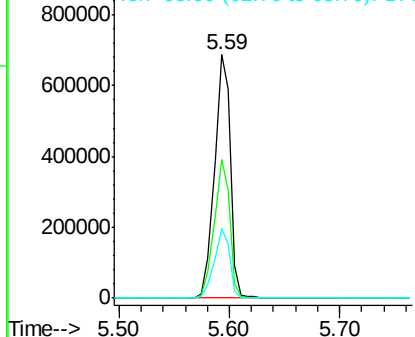
#5

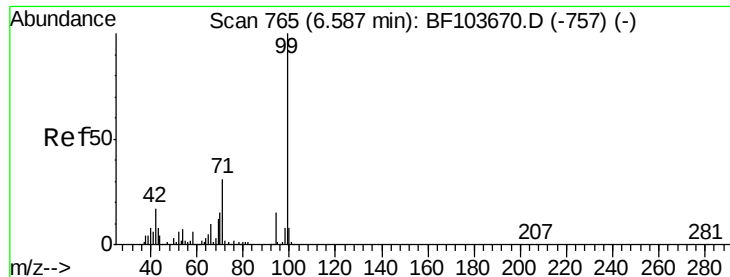
2-Fluorophenol
Concen: 77.306 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tgt Ion:112 Resp: 675720
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.3 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: 74.986 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

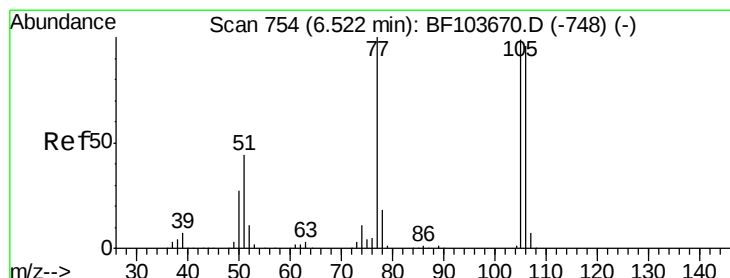
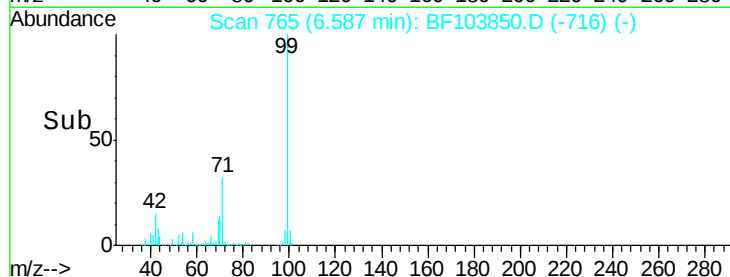
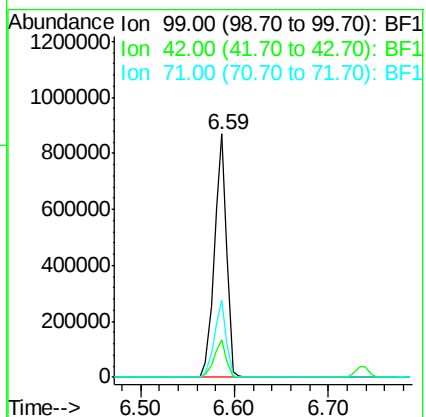
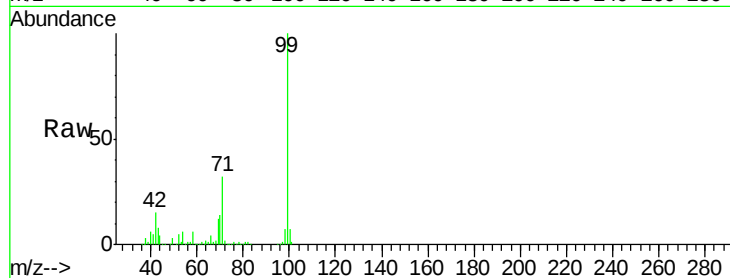
Tot Ion: 99 Resp: 801889

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 31.5 25.4 38.0



#9

Benzaldehyde

Concen: 2.000 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.21 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

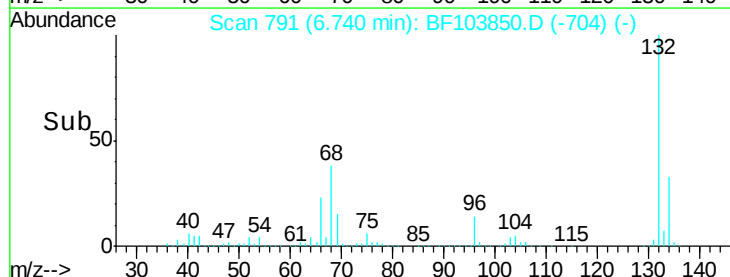
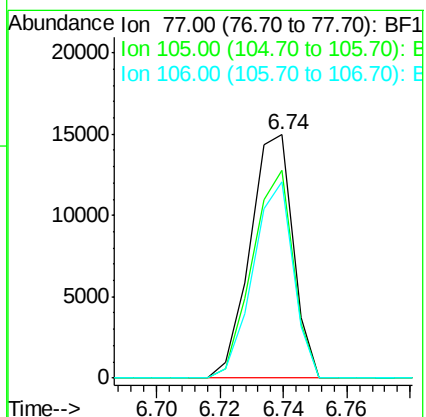
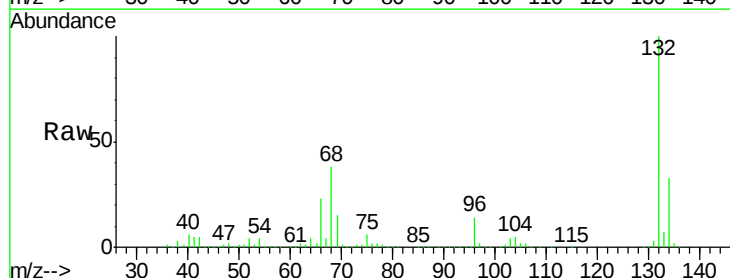
Tgt Ion: 77 Resp: 14051

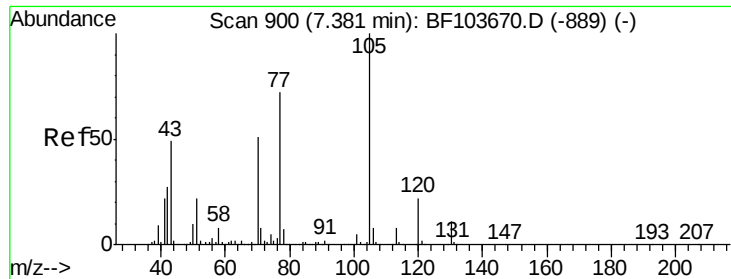
Ion Ratio Lower Upper

77 100

105 85.2 81.1 121.1

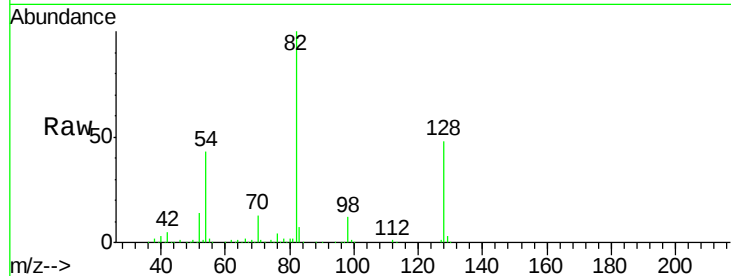
106 80.8 74.5 114.5



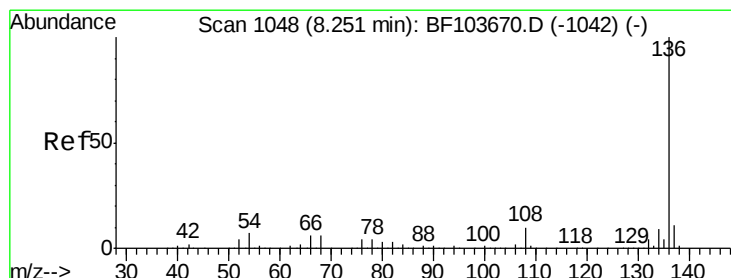
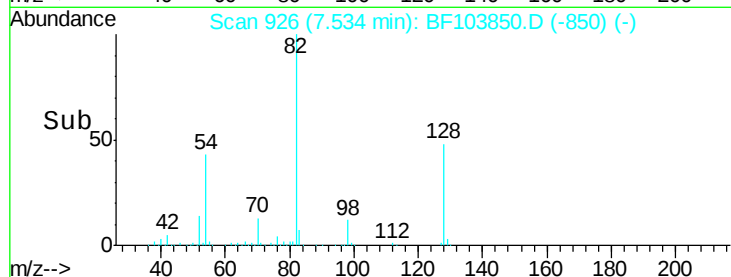
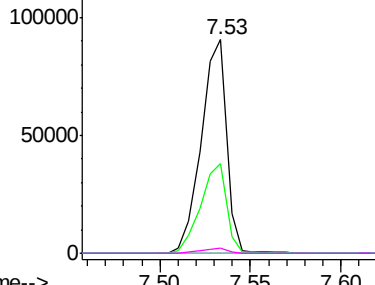


#19
n-Nitroso-di-n-propylamine
Concen: 12.967 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tot Ion: 70 Resp: 88868
Ion Ratio Lower Upper
70 100
42 42.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

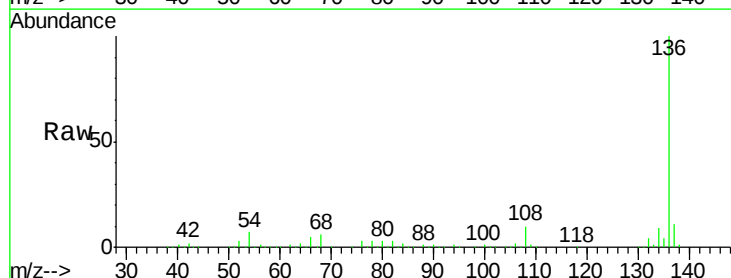


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

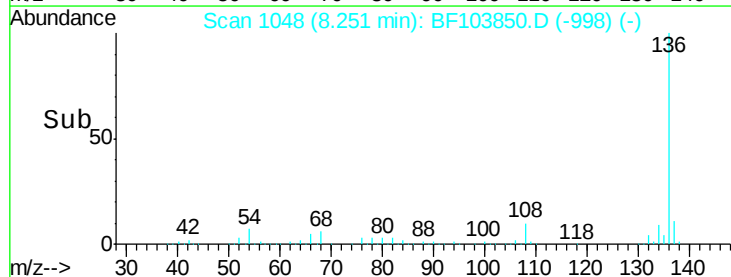
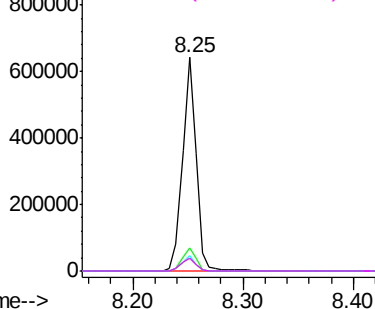


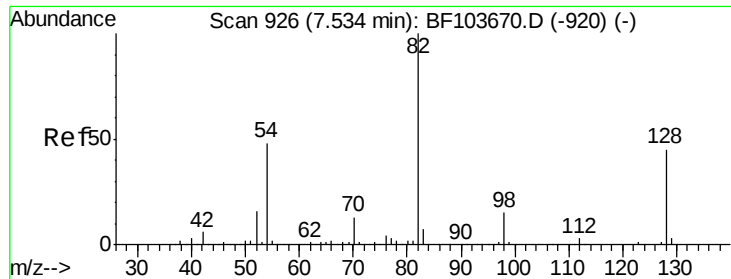
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tgt Ion: 136 Resp: 548250
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.1 6.6 9.8
68 6.3 5.0 7.4



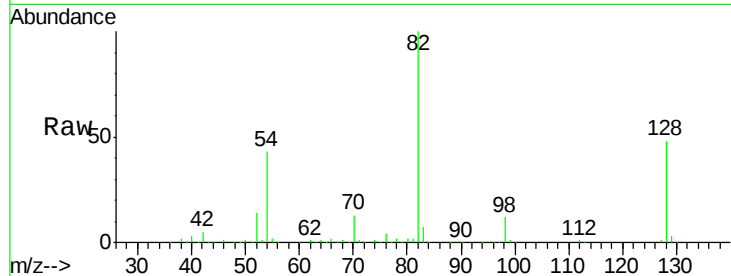
Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



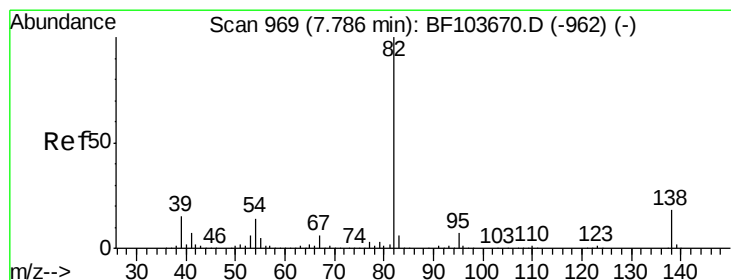
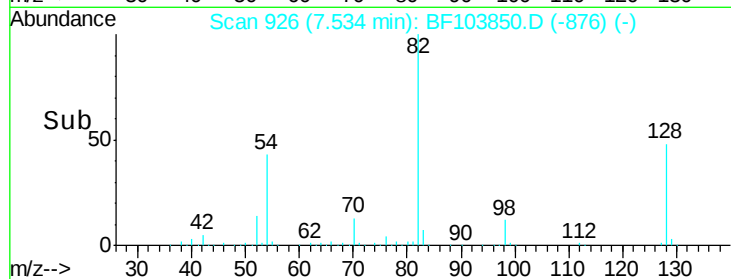
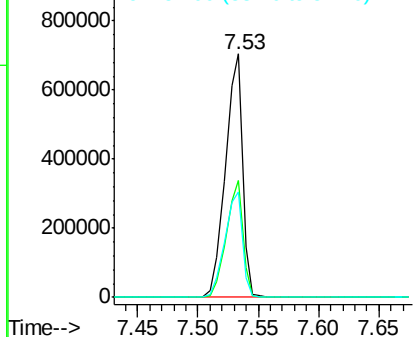


#23
Nitrobenzene-d5
Concen: 88.038 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tot Ion	82	Resp	692141
Ion Ratio	100	Lower	Upper
128	48.2	36.1	54.1
54	43.4	41.4	62.2

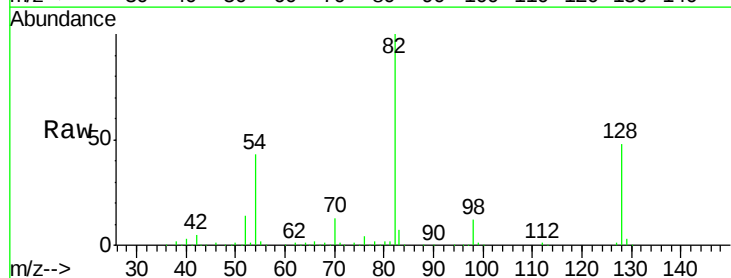


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

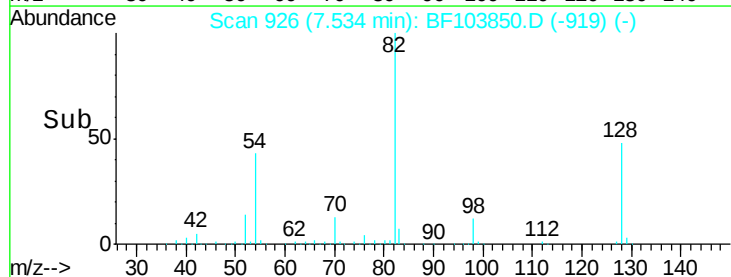
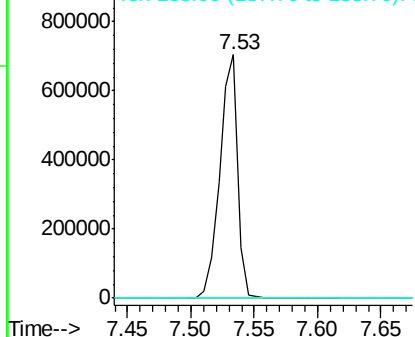


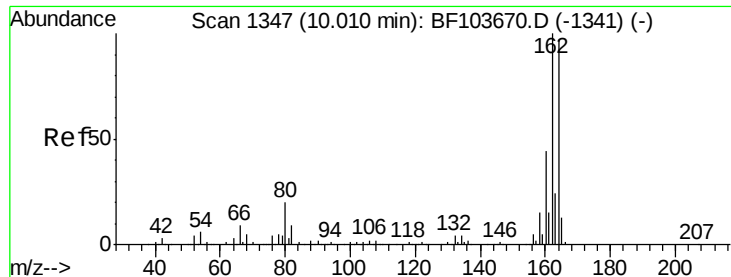
#25
Isophorone
Concen: 38.030 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tgt Ion	82	Resp	692132
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



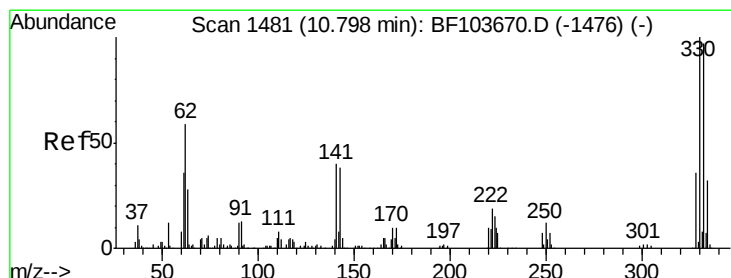
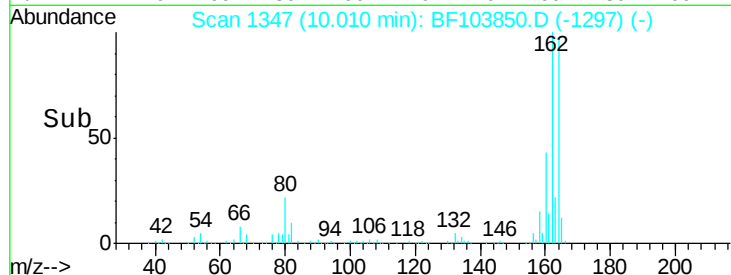
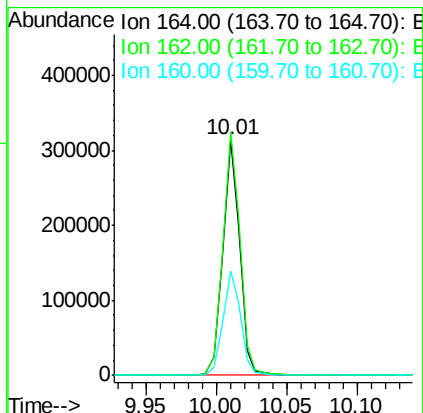
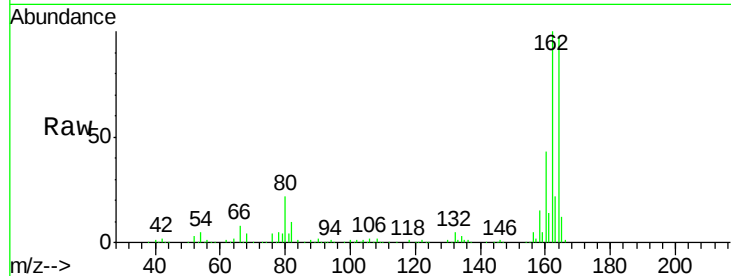
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





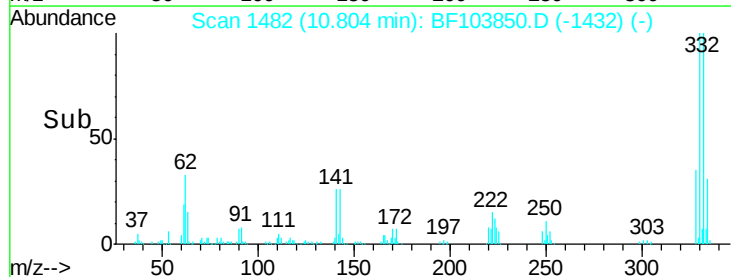
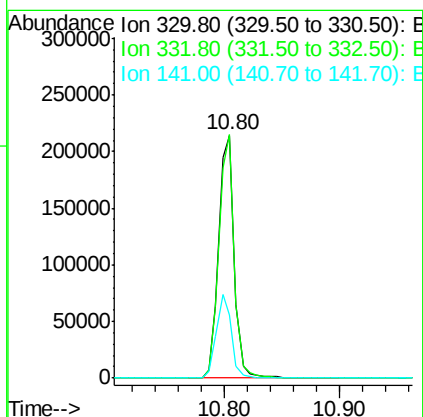
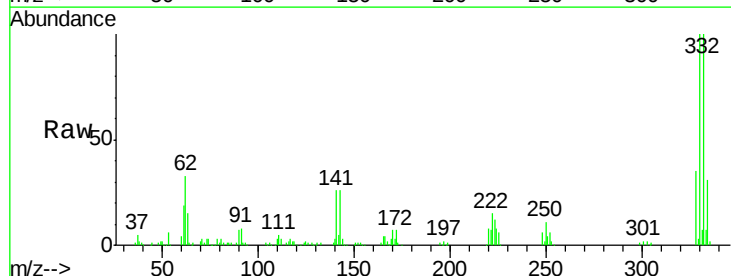
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

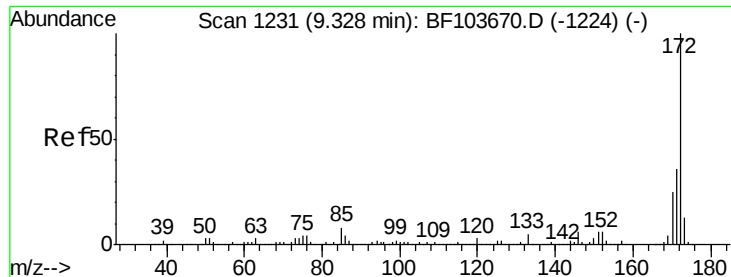
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	86.1	129.1
160	44.5	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 90.323 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.0	115.6
141	33.0	29.9	44.9

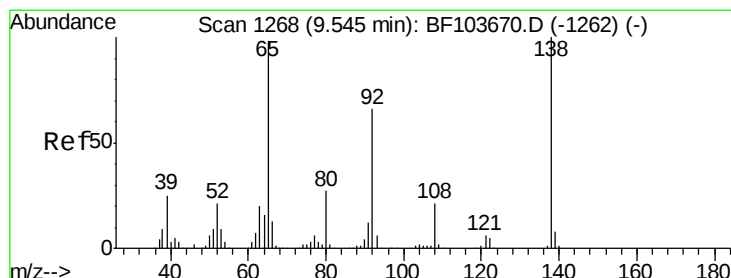
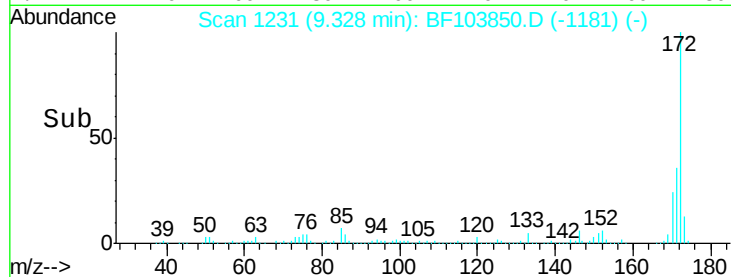
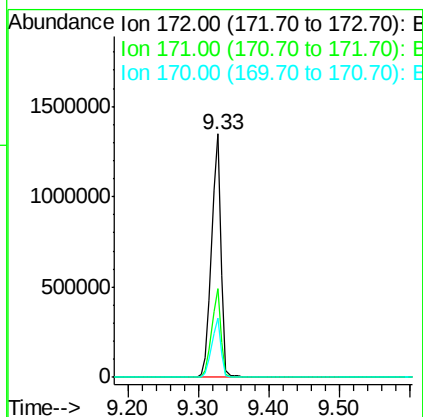
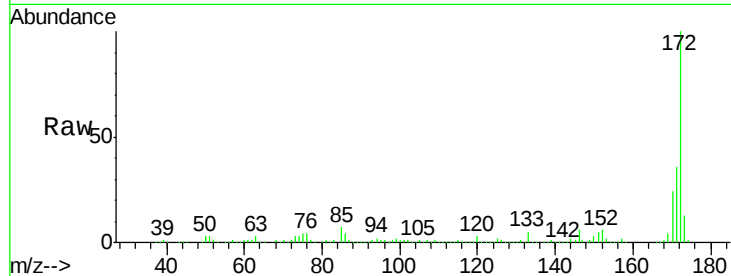




#44
 2-Fluorobiphenyl
 Concen: 77.840 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tot Ion:172 Resp: 1268093

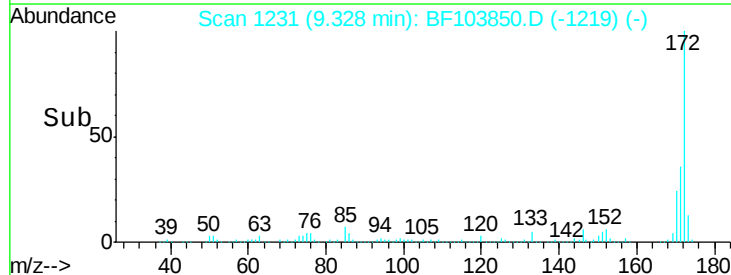
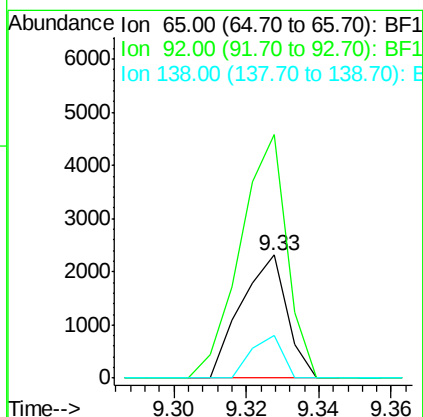
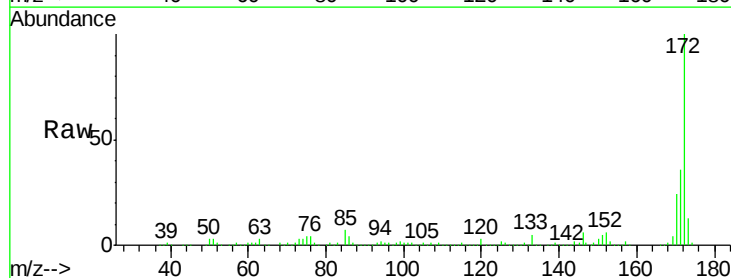
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.2	19.6	29.4

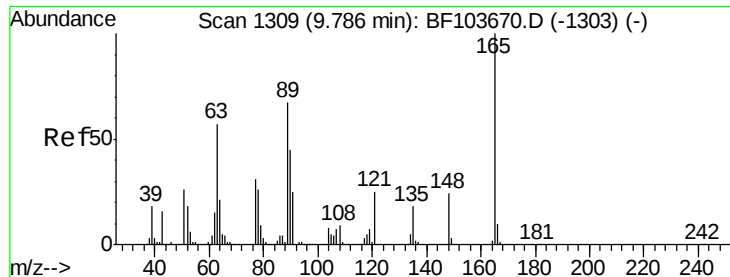


#47
 2-Nitroaniline
 Concen: 7.206 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.23 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tgt Ion: 65 Resp: 2058

Ion	Ratio	Lower	Upper
65	100		
92	197.6	55.8	83.6#
138	34.2	91.2	136.8#





#50

2,6-Dinitrotoluene

Concen: 11.971 ng

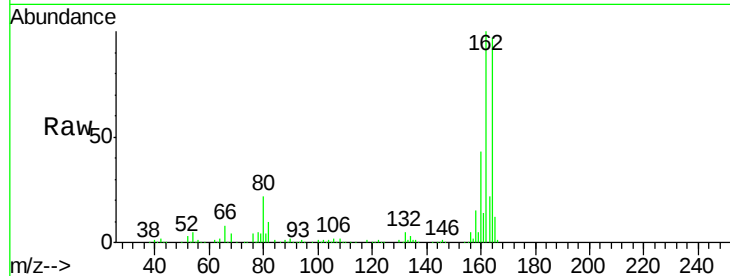
RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

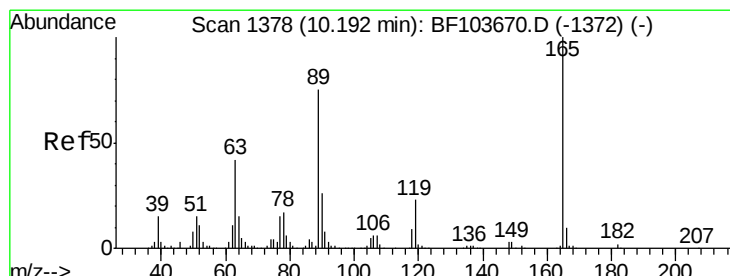
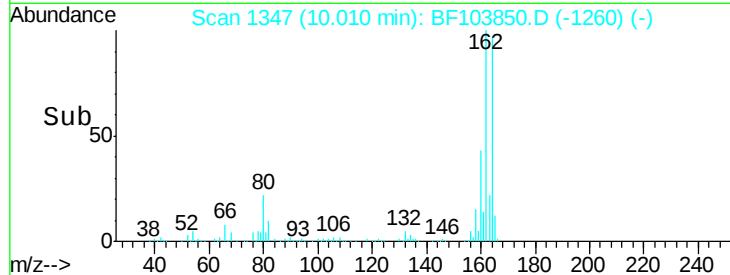
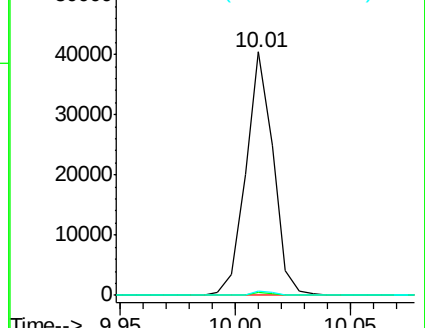
Tot Ion:	165	Resp:	33406
Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.5	44.0	66.0#



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: 12.199 ng

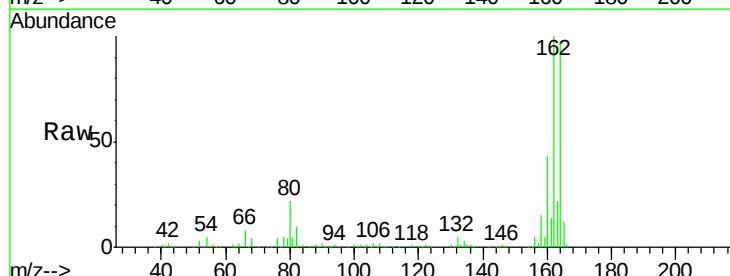
RT: 10.01 min Scan# 1347

Delta R.T. -0.19 min

Lab File: BF103850.D

Acq: 22 Mar 2018 14:33

Tgt Ion:	165	Resp:	33406
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

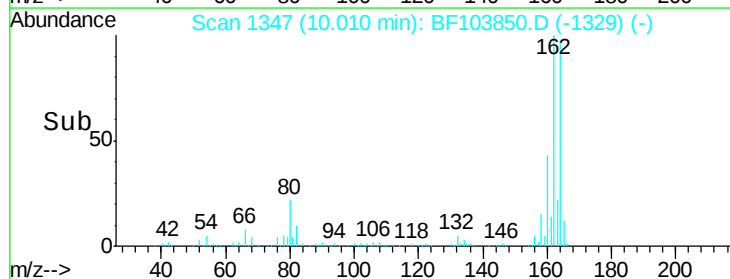
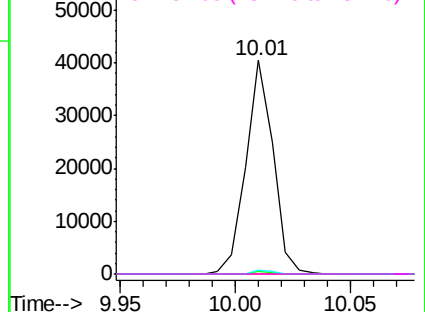


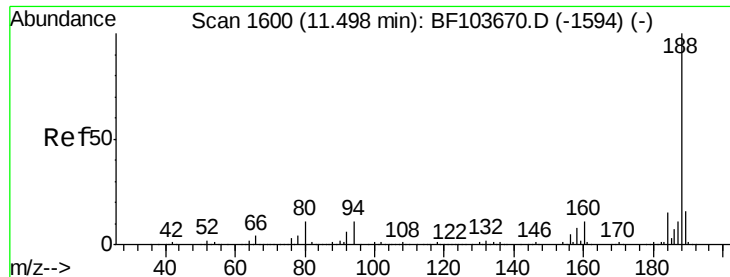
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

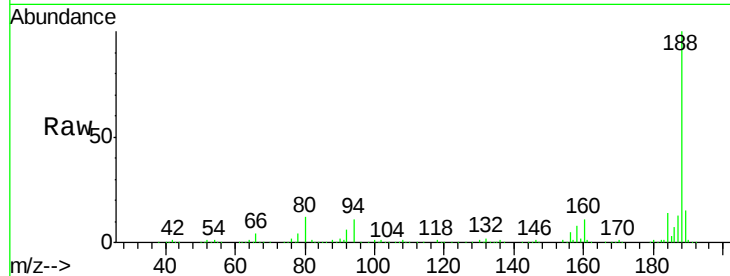
Ion 182.00 (181.70 to 182.70): E



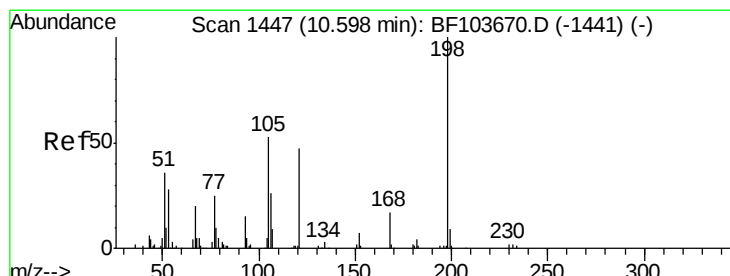
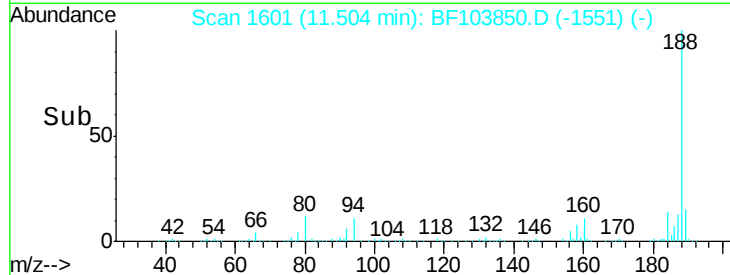
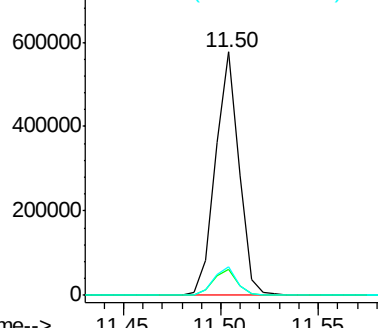


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tot Ion:188	Resp:	481428
Ion Ratio	Lower	Upper
188	100	
94	10.9	8.5 12.7
80	11.8	9.2 13.8

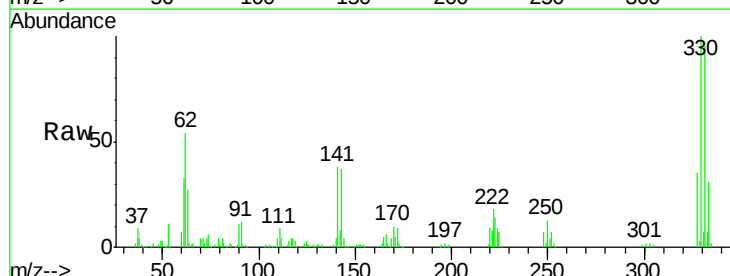


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

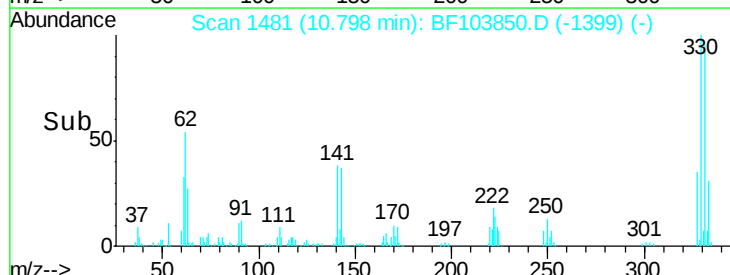
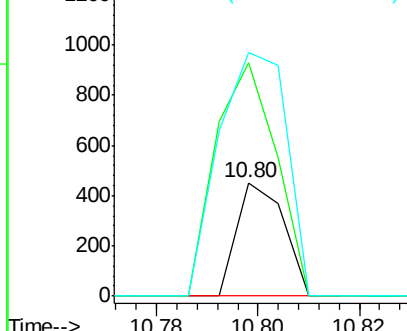


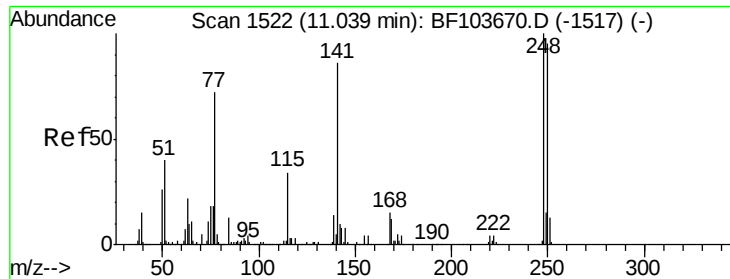
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.296 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. 0.18 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tgt Ion:198	Resp:	290
Ion Ratio	Lower	Upper
198	100	
51	205.8	37.7 77.7#
105	214.6	36.3 76.3#



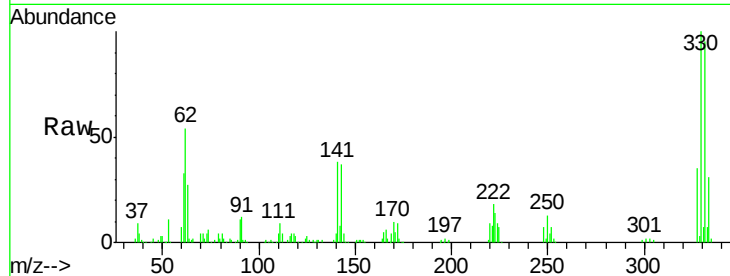
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E



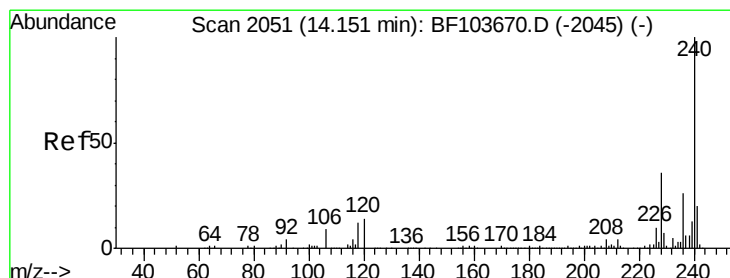
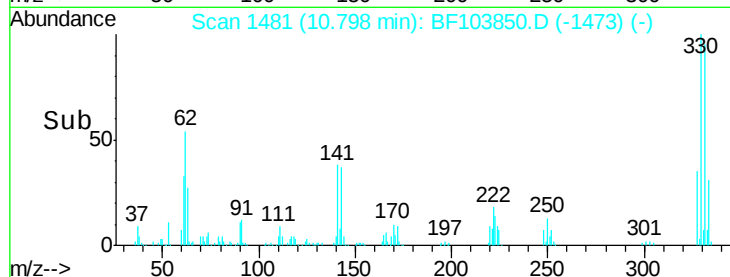
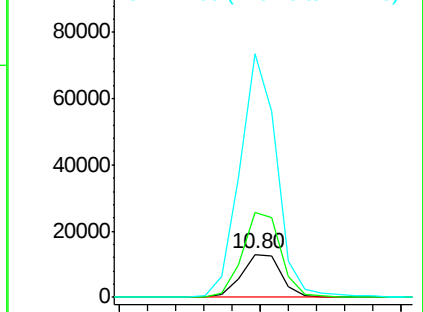


#66
4-Bromophenyl-phenylether
Concen: 2.534 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.25 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tot Ion:248 Resp: 12528
Ion Ratio Lower Upper
248 100
250 195.7 76.9 115.3#
141 563.1 74.4 111.6#

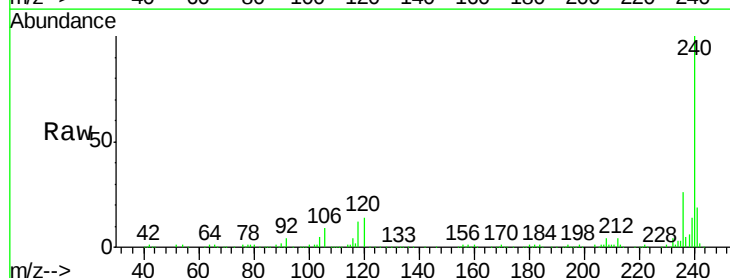


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

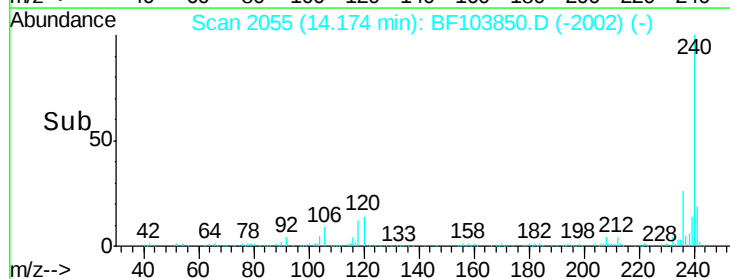
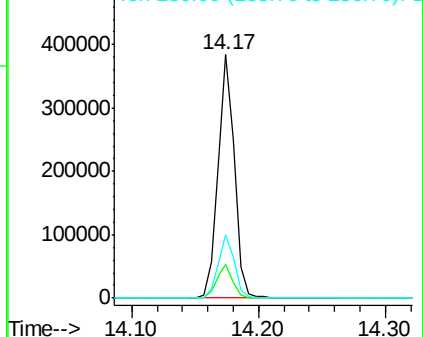


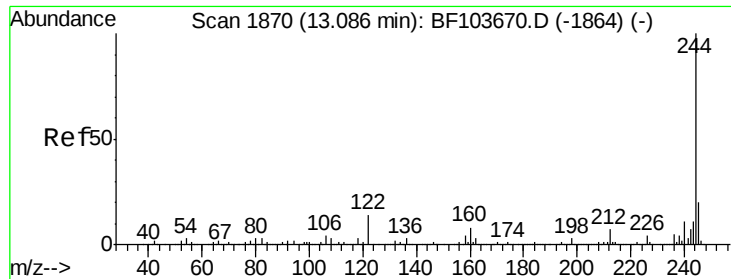
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF103850.D
Acq: 22 Mar 2018 14:33

Tgt Ion:240 Resp: 350592
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.9 20.7 31.1



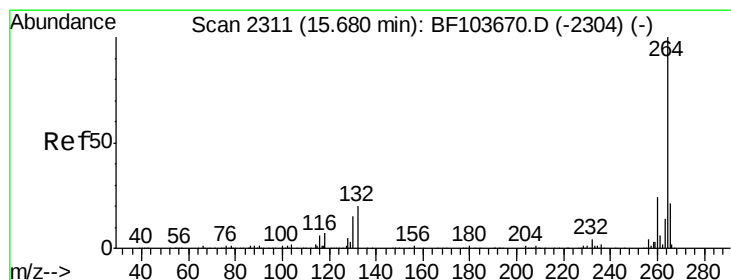
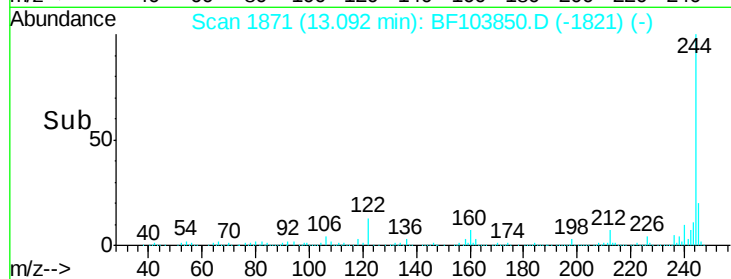
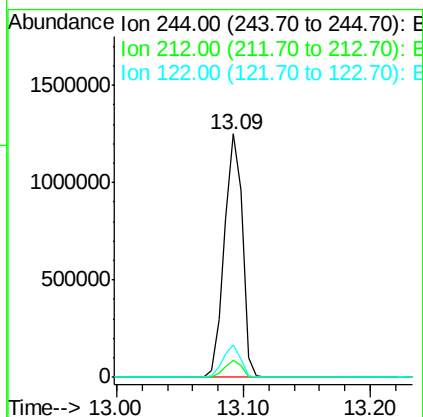
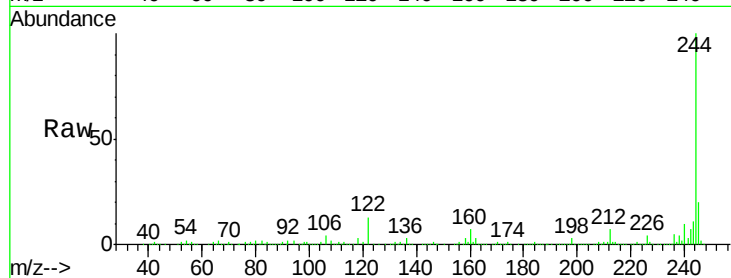
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78
 Terphenyl-d14
 Concen: 81.621 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tot Ion:244 Resp: 1232820
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.74 min Scan# 2322
 Delta R.T. 0.05 min
 Lab File: BF103850.D
 Acq: 22 Mar 2018 14:33

Tgt Ion:264 Resp: 299720
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.0 17.5 26.3

