

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103862.D
 Acq On : 22 Mar 2018 19:51
 Operator : JU/SJ
 Sample : J1997-17
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

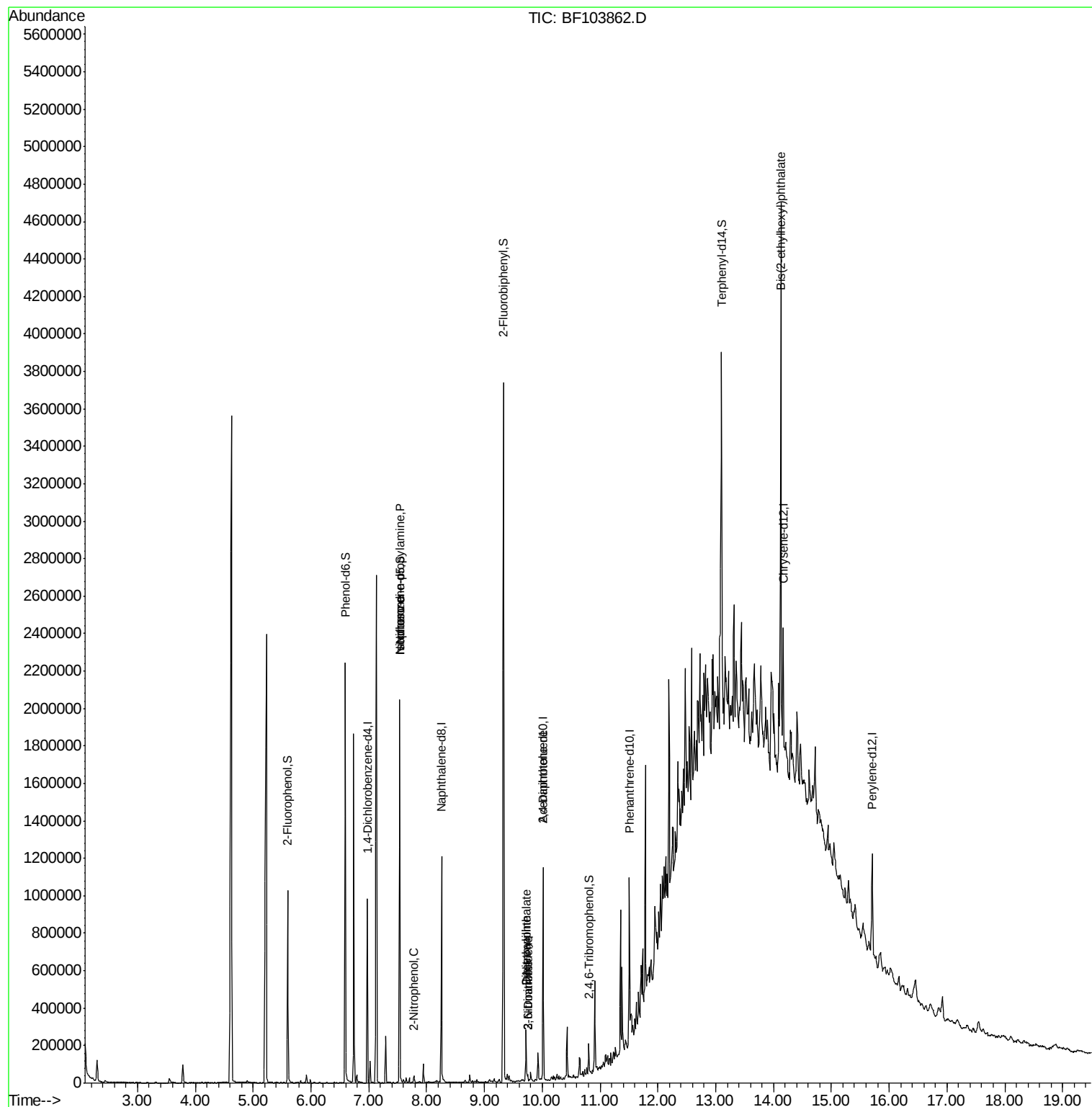
Quant Time: Mar 23 00:57:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

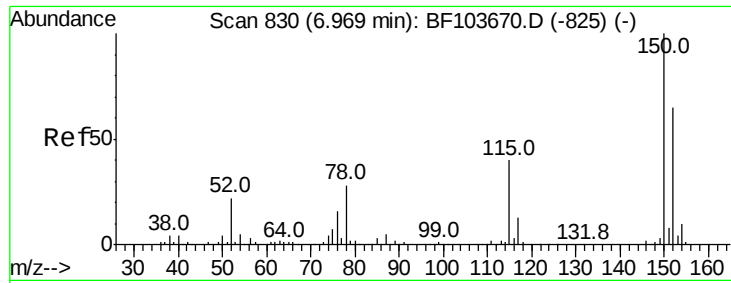
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145166	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	564305	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	230069	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	331470	20.00	ng	0.00
75) Chrysene-d12	14.17	240	277198	20.00	ng	0.00
86) Perylene-d12	15.71	264	244209	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	305316	31.99	ng	0.00
7) Phenol-d6	6.59	99	824361	70.60	ng	0.00
23) Nitrobenzene-d5	7.53	82	683420	84.46	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	10407	5.26	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1184468	82.12	ng	0.00
78) Terphenyl-d14	13.10	244	795526	66.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	90238	12.059	ng	# 73
25) Isophorone	7.53	82	683401	36.482	ng	# 64
26) 2-Nitrophenol	7.78	139	115	9.472	ng	# 34
47) 2-Nitroaniline	9.72	65	930	7.014	ng	# 1
49) Dimethylphthalate	9.72	163	95019	5.413	ng	100
50) 2,6-Dinitrotoluene	9.75	165	3222	4.854	ng	# 24
52) 3-Nitroaniline	9.75	138	272	3.876	ng	# 2
56) 2,4-Dinitrotoluene	10.02	165	29247	12.132	ng	# 24
83) Bis(2-ethylhexyl)phthalate	14.13	149	1022206	79.334	ng	98

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

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF032218\
Data File : BF103862.D
Acq On : 22 Mar 2018 19:51
Operator : JU/SJ
Sample : J1997-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Mar 23 00:57:20 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

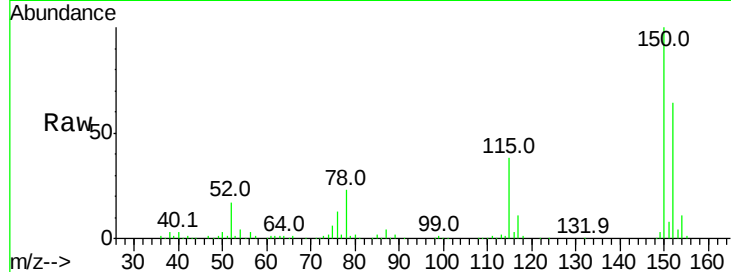




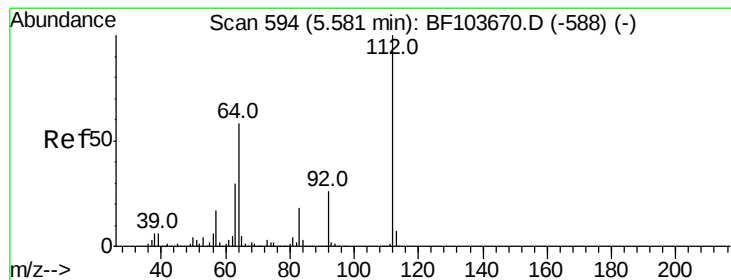
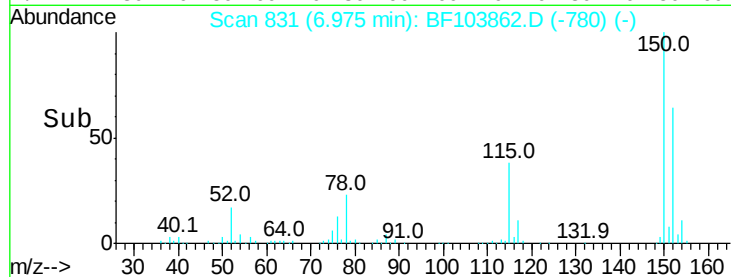
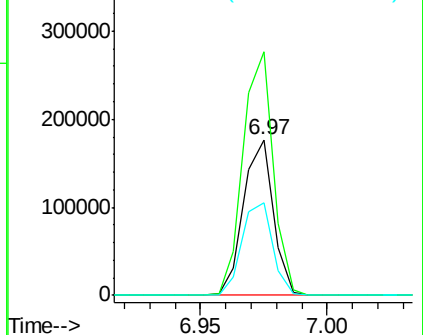
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	59.8	50.1	75.1



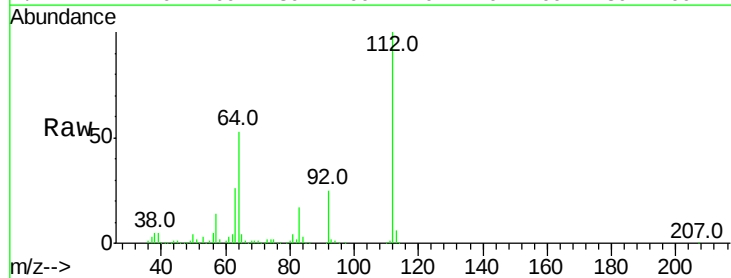
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



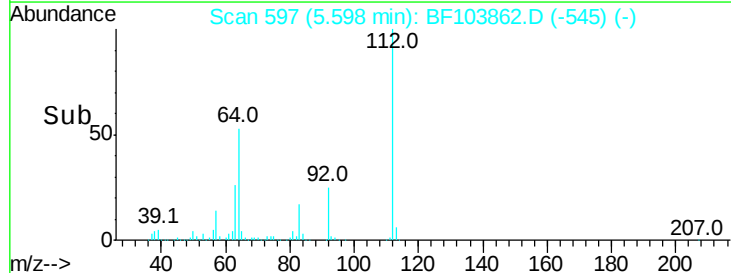
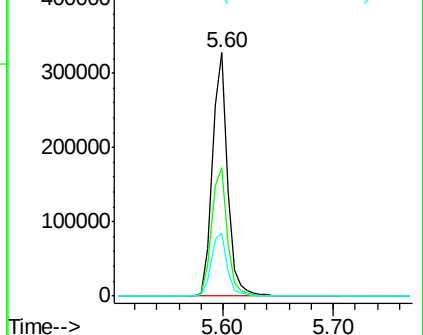
#5

2-Fluorophenol
Concen: 31.990 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.6	47.9	71.9
63	25.7	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: 70.599 ng

RT: 6.59 min Scan# 766

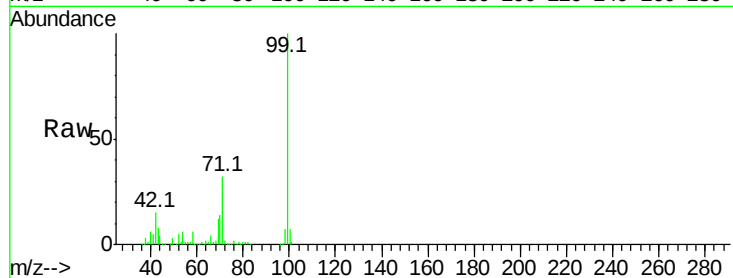
Delta R.T. -0.01 min

Lab File: BF103862.D

Acq: 22 Mar 2018 19:51

Tot Ion: 99 Resp: 824361

Ion	Ratio	Lower	Upper
99	100		
42	15.0	14.5	21.7
71	31.9	25.4	38.0

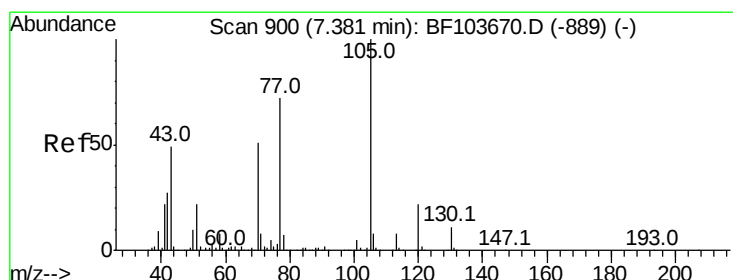
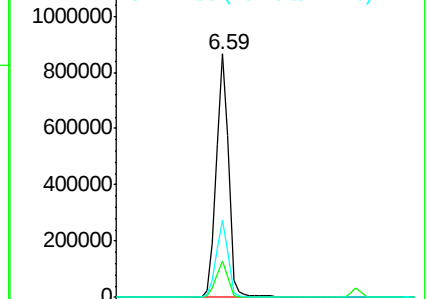
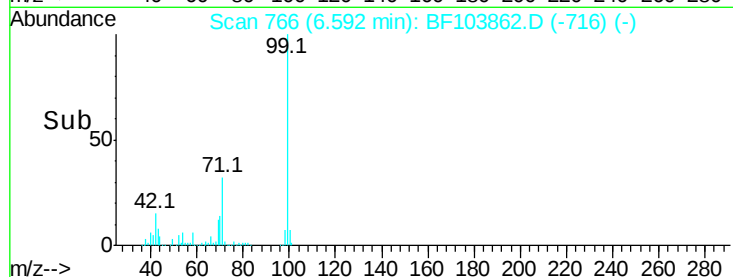


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.059 ng

RT: 7.53 min Scan# 926

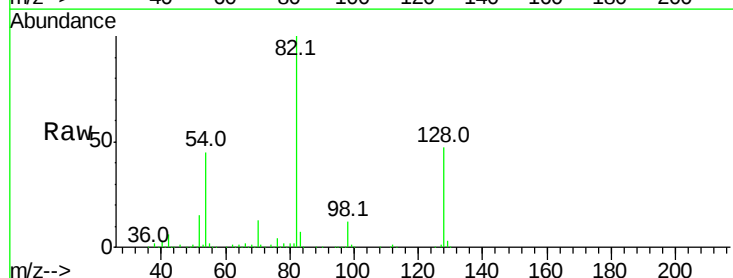
Delta R.T. 0.15 min

Lab File: BF103862.D

Acq: 22 Mar 2018 19:51

Tgt Ion: 70 Resp: 90238

Ion	Ratio	Lower	Upper
70	100		
42	42.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



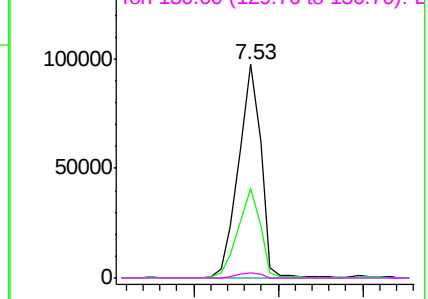
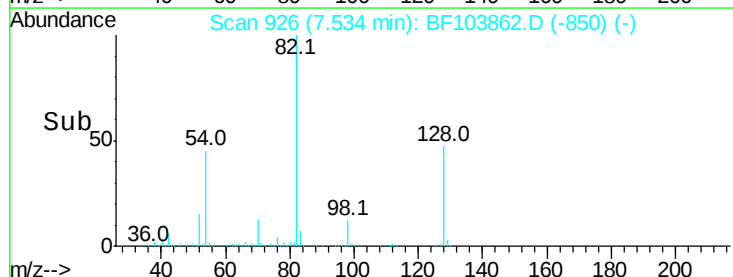
Abundance

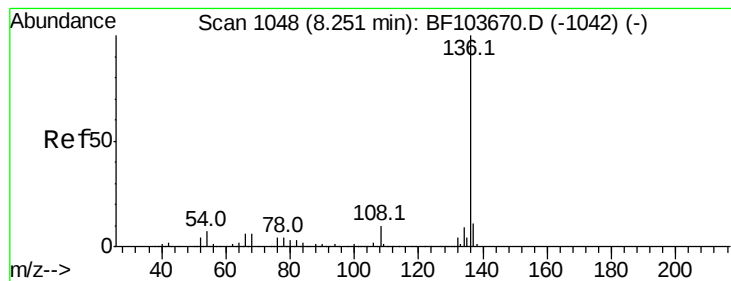
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

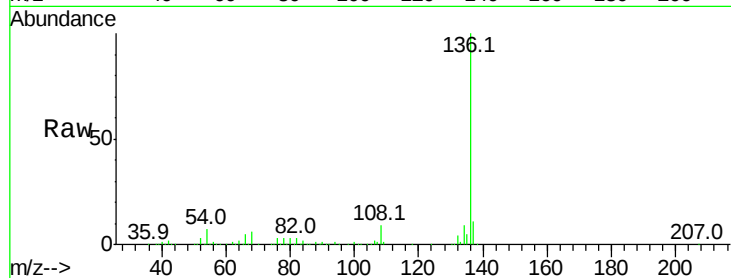
Ion 130.00 (129.70 to 130.70): BF1



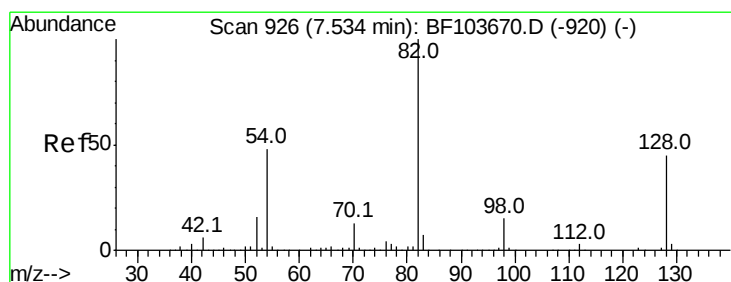
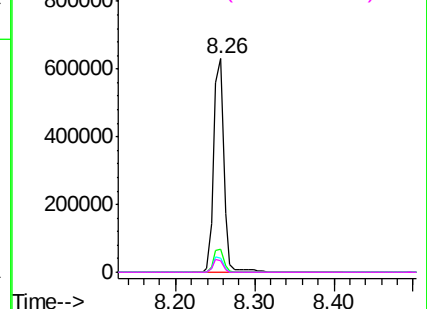
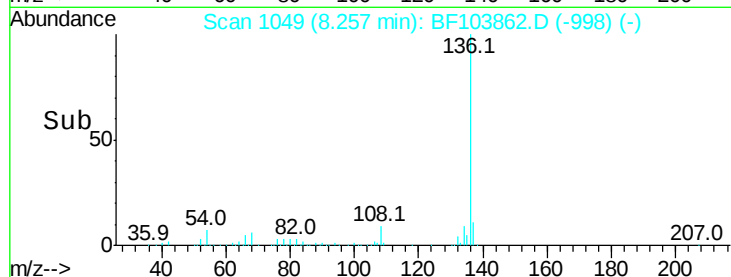


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tot Ion:136	Resp:	564305
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 6.5	6.6	9.8#
68 5.7	5.0	7.4

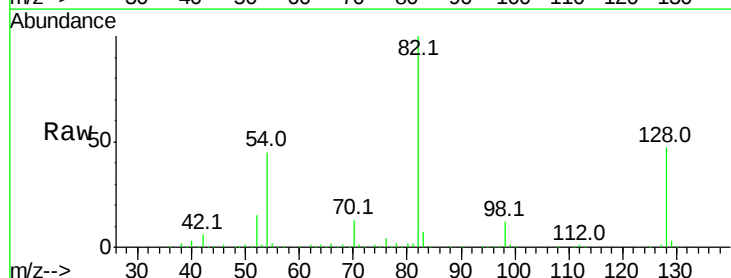


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

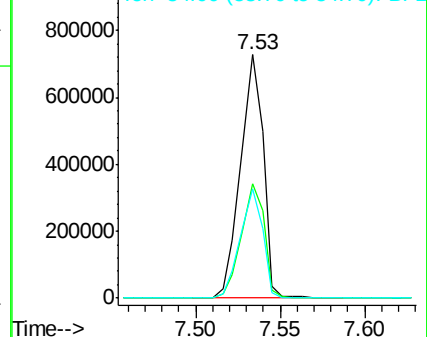
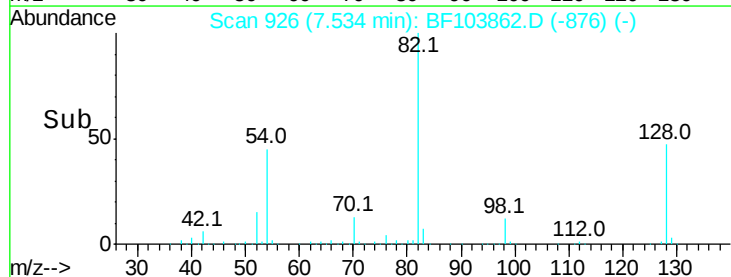


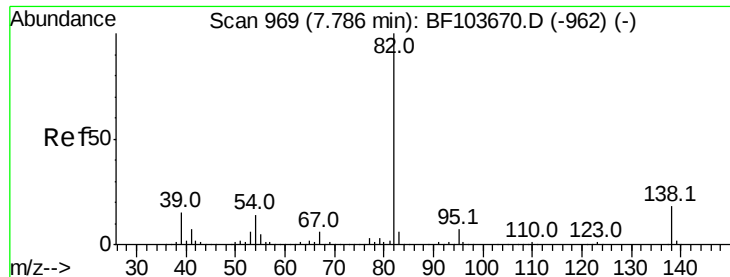
#23
Nitrobenzene-d5
Concen: 84.456 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion: 82	Resp:	683420
Ion Ratio	Lower	Upper
82 100		
128 47.2	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): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.482 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF103862.D

Acq: 22 Mar 2018 19:51

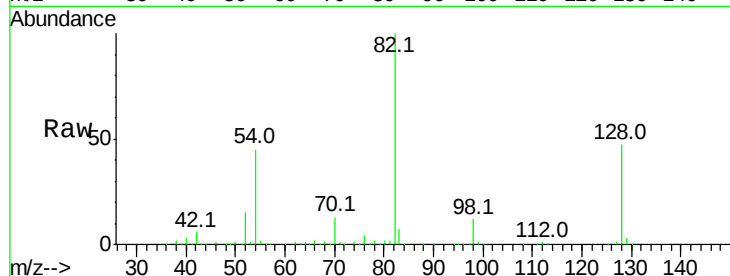
Tot Ion: 82 Resp: 683401

Ion Ratio Lower Upper

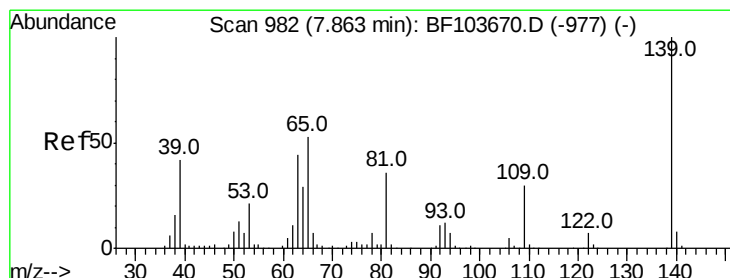
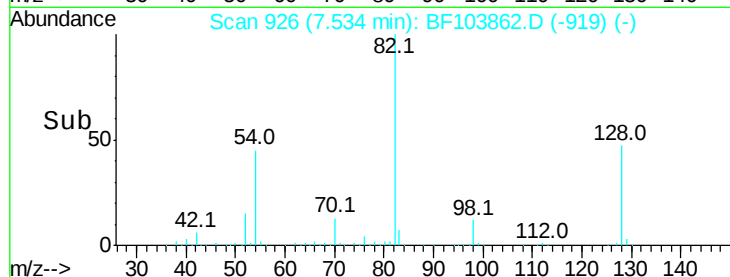
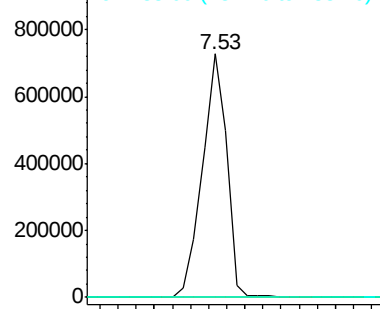
82 100

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: 9.472 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.09 min

Lab File: BF103862.D

Acq: 22 Mar 2018 19:51

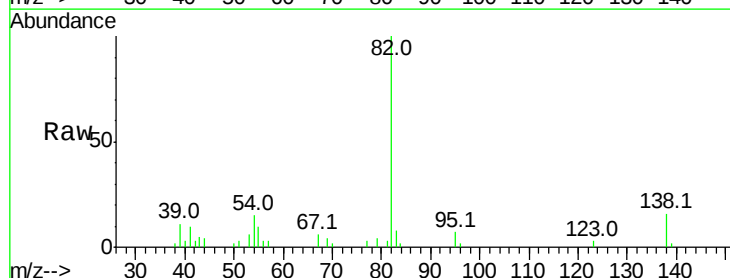
Tgt Ion: 139 Resp: 115

Ion Ratio Lower Upper

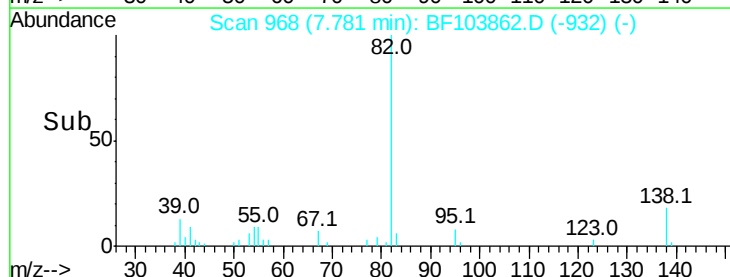
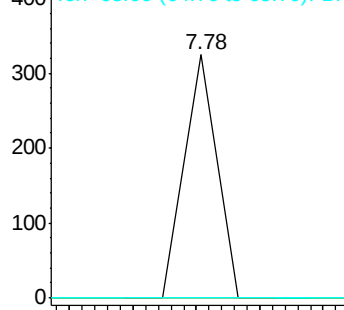
139 100

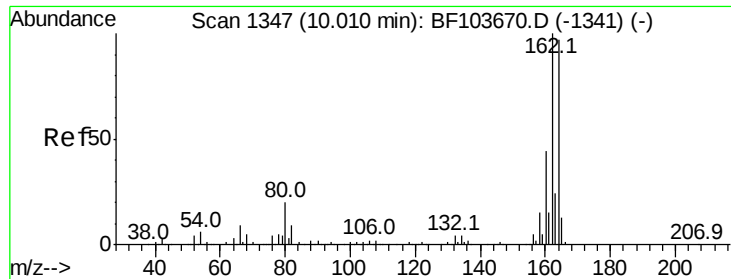
109 0.0 22.7 34.1#

65 0.0 40.5 60.7#



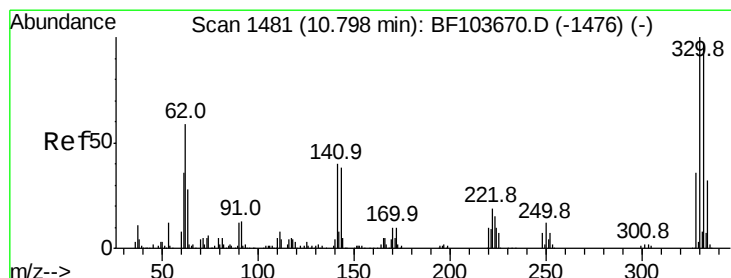
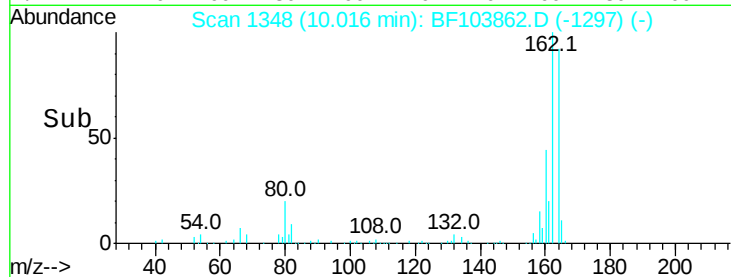
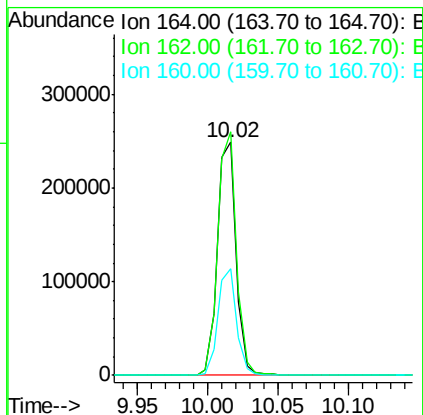
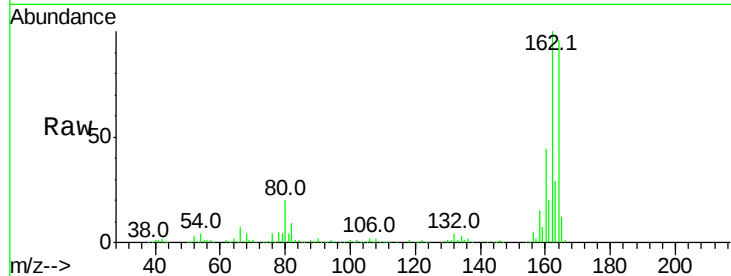
Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





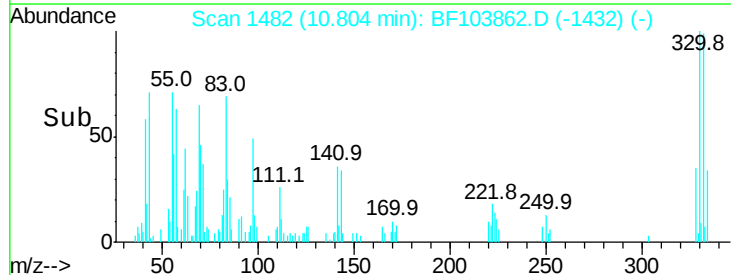
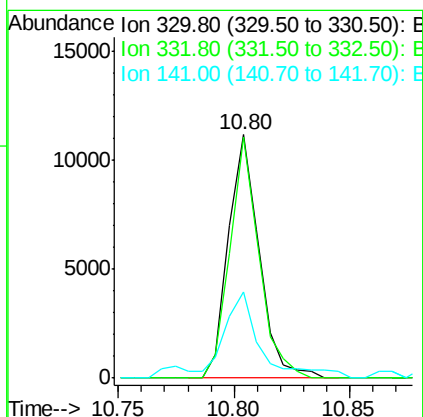
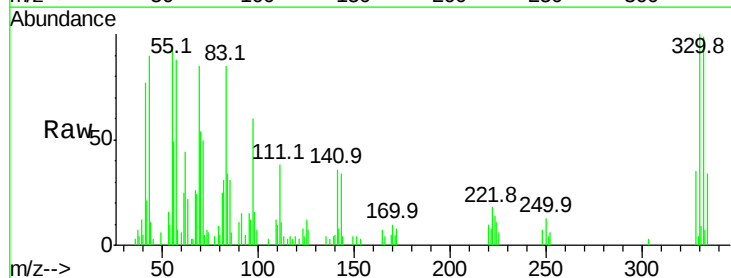
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF103862.D
 Acq: 22 Mar 2018 19:51

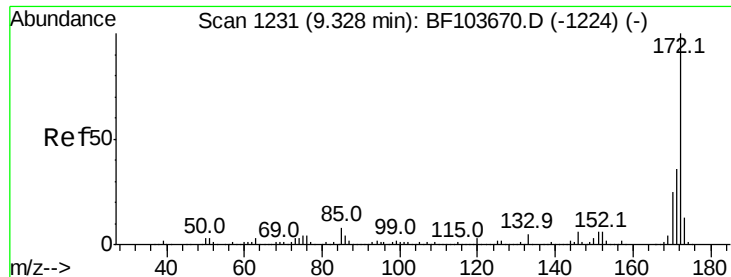
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.1	129.1
160	45.7	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 5.261 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103862.D
 Acq: 22 Mar 2018 19:51

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	40.8	29.9	44.9

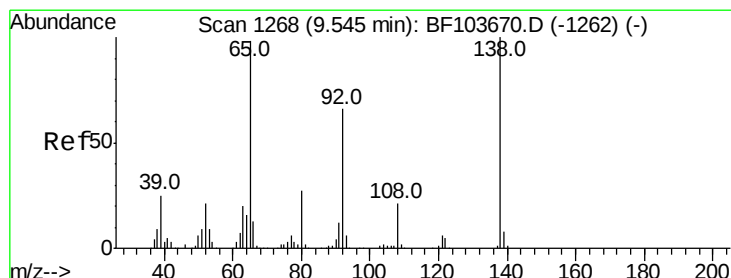
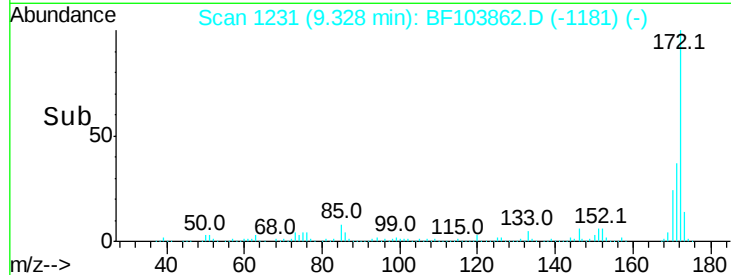
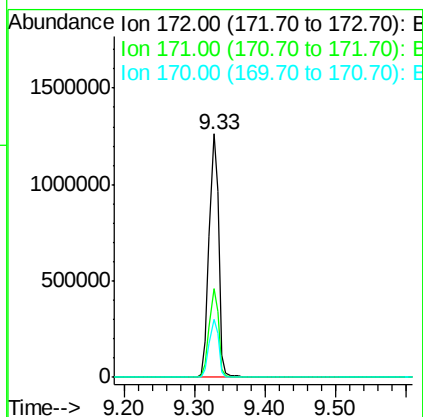
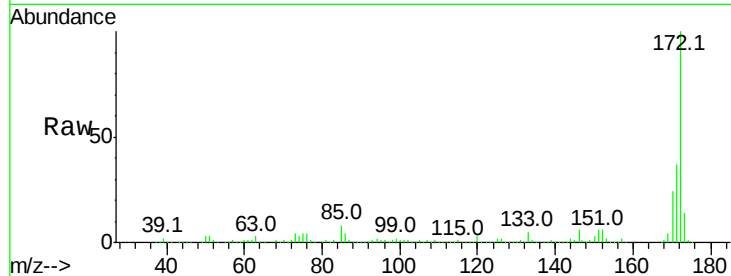




#44
2-Fluorobiphenyl
Concen: 82.123 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tot Ion:172 Resp: 1184468

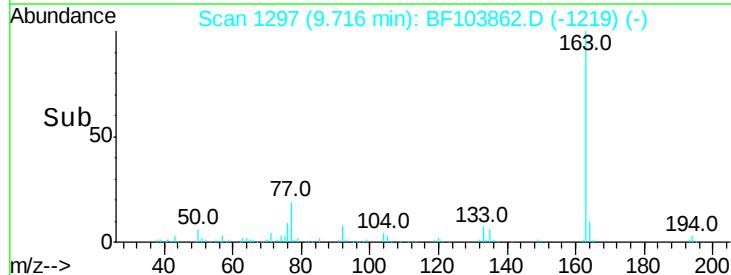
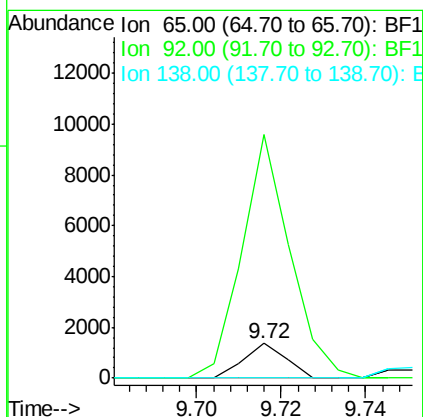
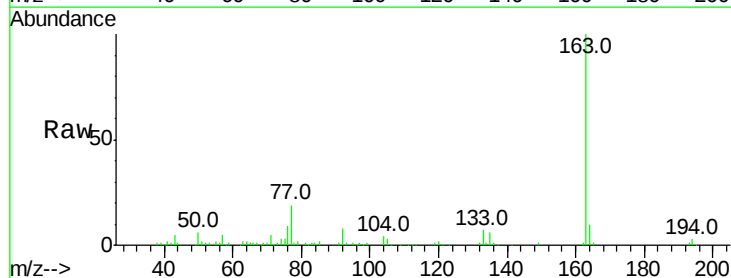
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	23.9	19.6	29.4

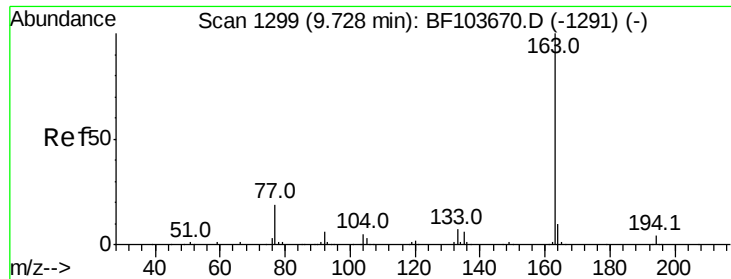


#47
2-Nitroaniline
Concen: 7.014 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.16 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion: 65 Resp: 930

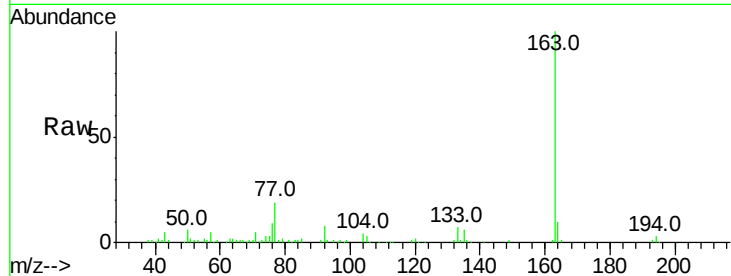
Ion	Ratio	Lower	Upper
65	100		
92	703.4	55.8	83.6#
138	0.0	91.2	136.8#



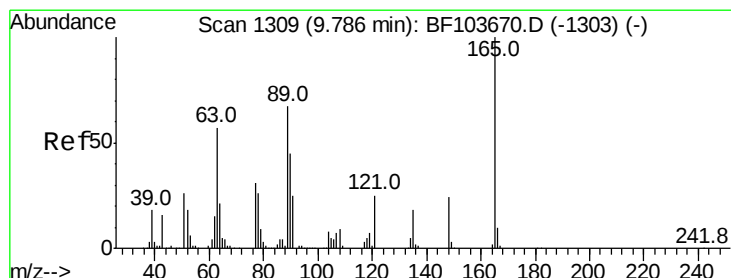
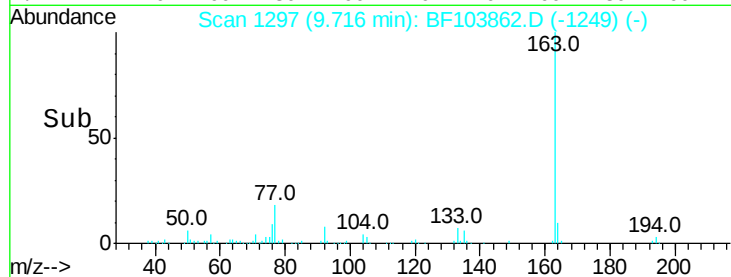
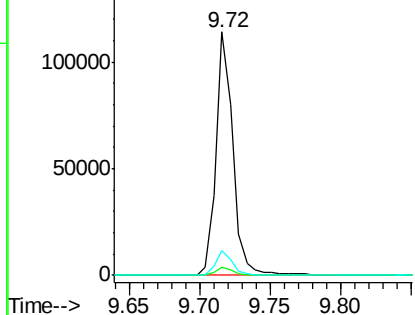


#49
Dimethylphthalate
Concen: 5.413 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tot Ion:163 Resp: 95019
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.3 8.2 12.2

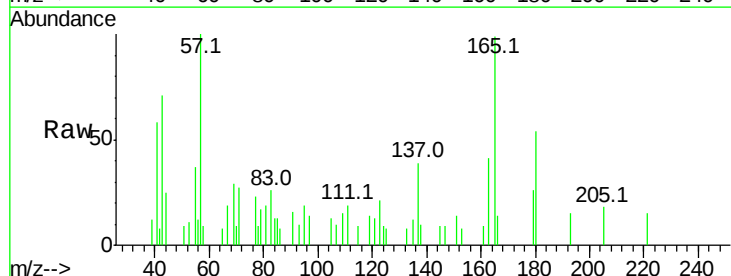


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

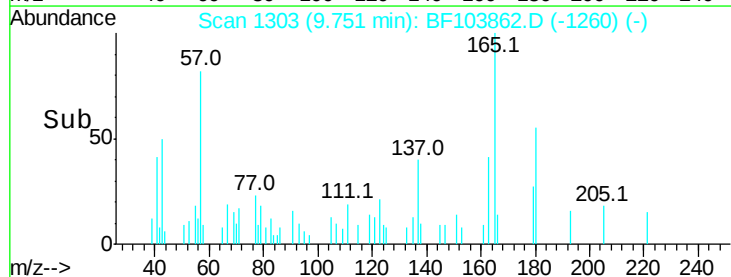
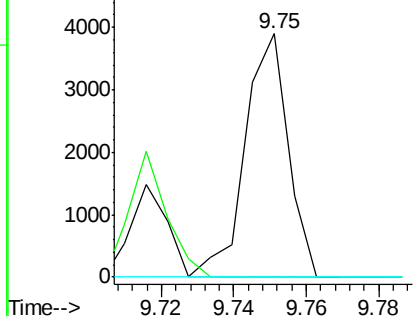


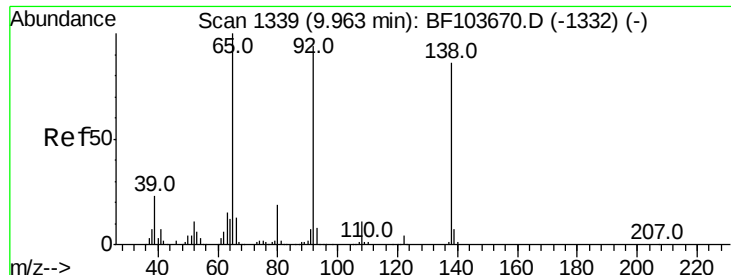
#50
2,6-Dinitrotoluene
Concen: 4.854 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.05 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:165 Resp: 3222
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: 3.876 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF103862.D

Acq: 22 Mar 2018 19:51

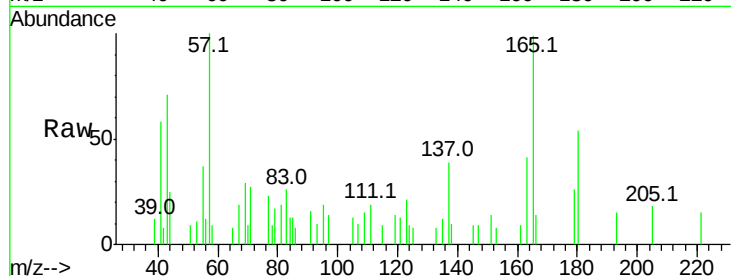
Tot Ion:138 Resp: 272

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.0#

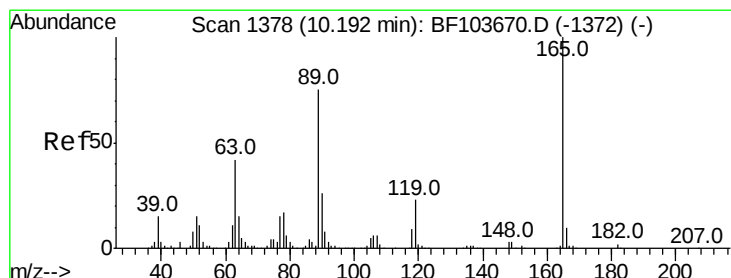
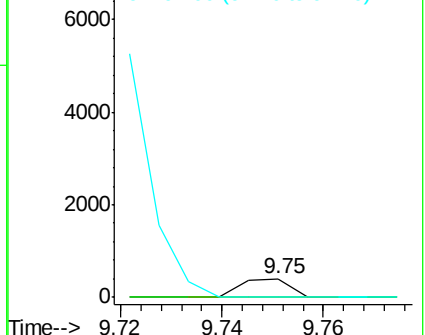
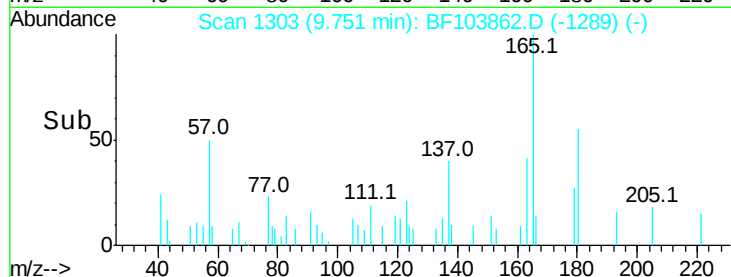
92 0.0 89.4 134.2#



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



#56

2,4-Dinitrotoluene

Concen: 12.132 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF103862.D

Acq: 22 Mar 2018 19:51

Tgt Ion:165 Resp: 29247

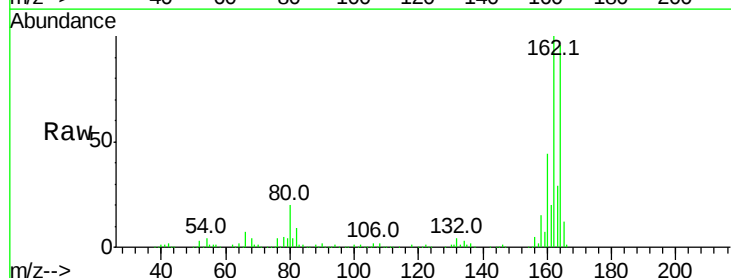
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 2.6 57.8 86.6#

182 0.0 1.6 2.4#

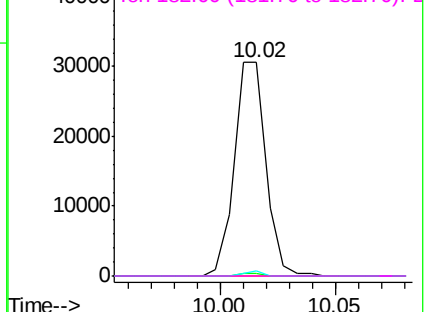
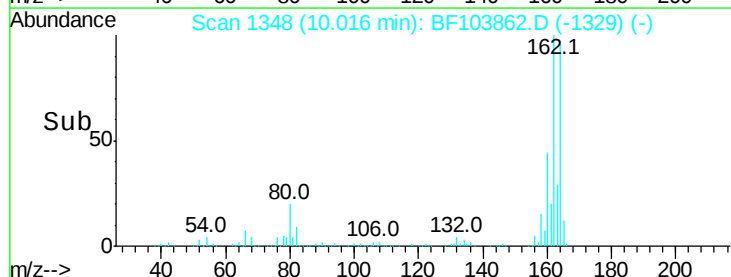


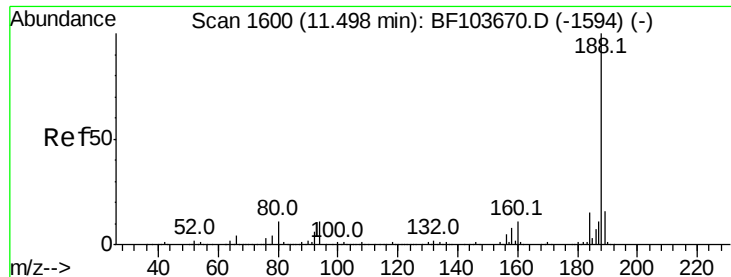
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

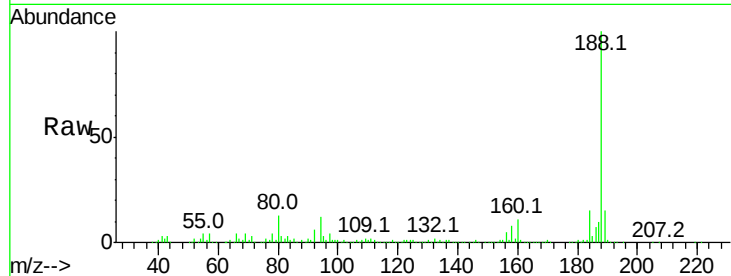
Ion 182.00 (181.70 to 182.70): E



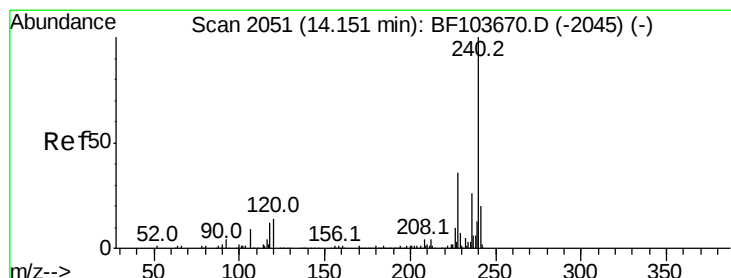
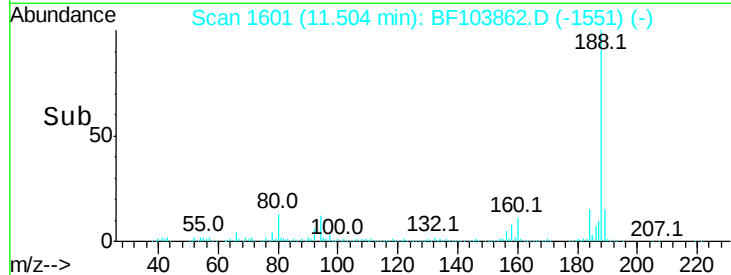
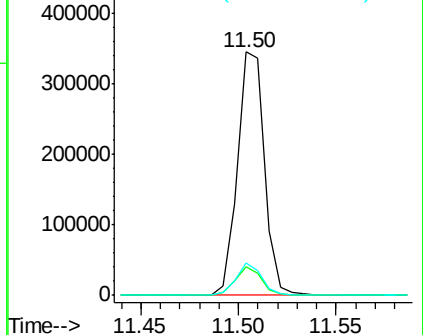


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tot Ion:188 Resp: 331470
Ion Ratio Lower Upper
188 100
94 11.8 8.5 12.7
80 13.1 9.2 13.8

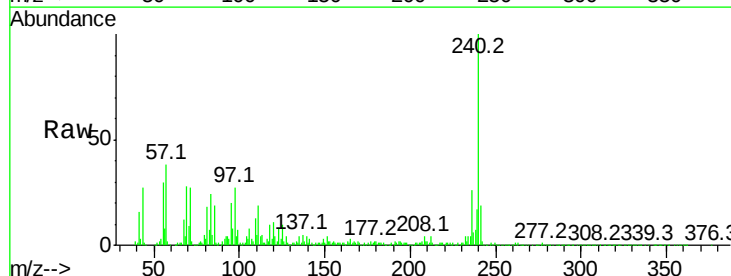


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

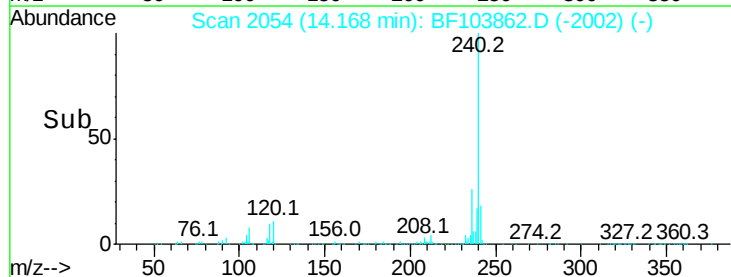
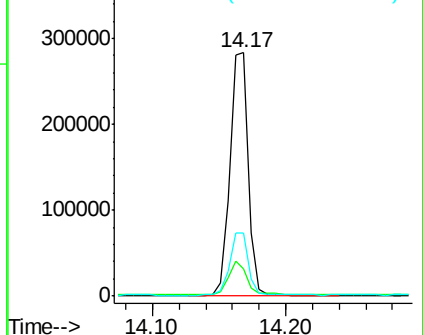


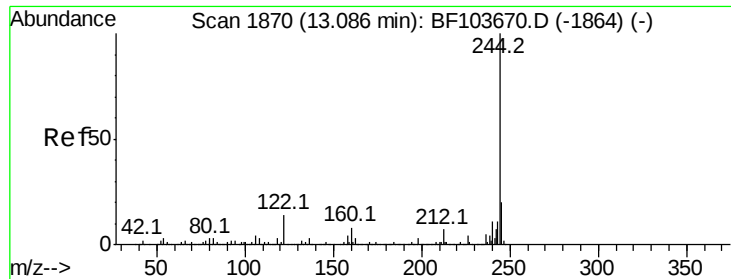
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.17 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tgt Ion:240 Resp: 277198
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 26.0 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

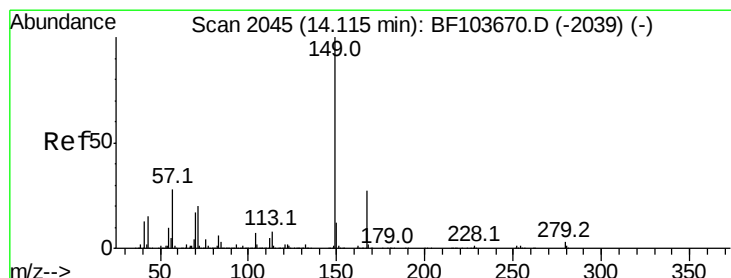
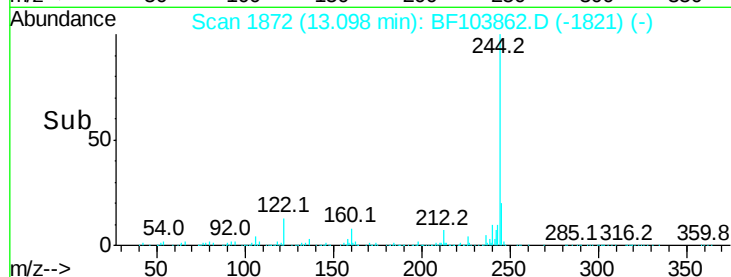
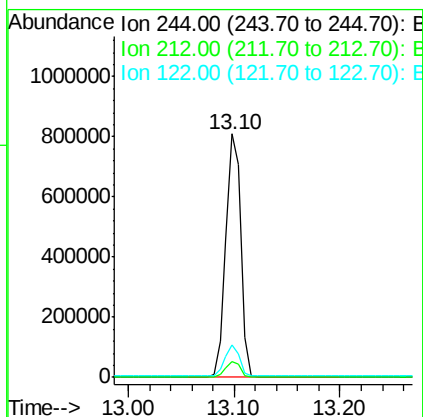
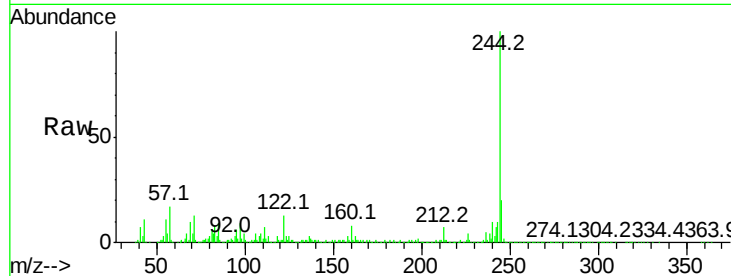




#78
 Terphenyl-d14
 Concen: 66.614 ng
 RT: 13.10 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BF103862.D
 Acq: 22 Mar 2018 19:51

Tot Ion:244 Resp: 795526

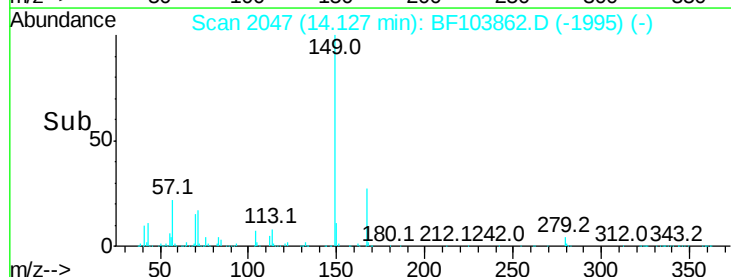
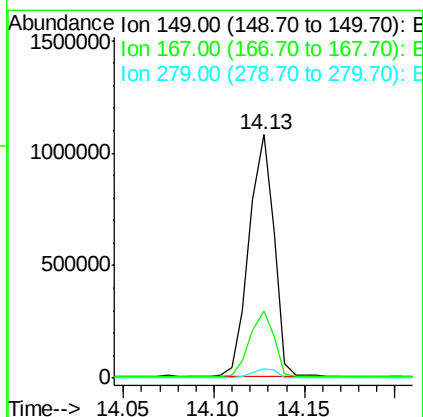
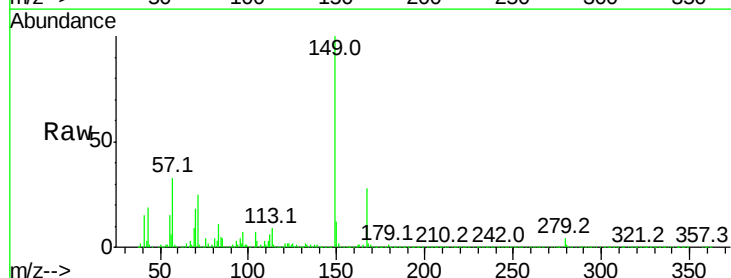
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	11.0	16.4

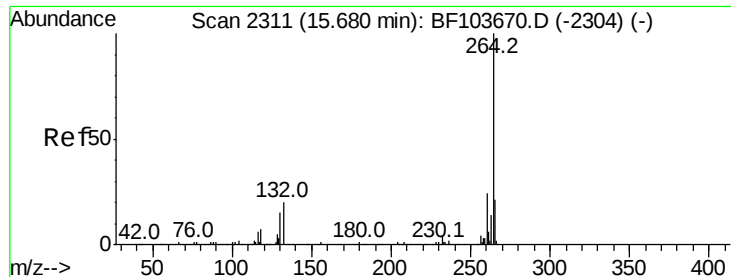


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 79.334 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: BF103862.D
 Acq: 22 Mar 2018 19:51

Tgt Ion:149 Resp: 1022206

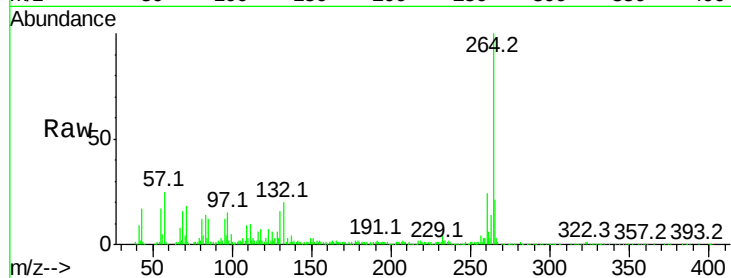
Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.3	31.9
279	4.1	3.0	4.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. 0.01 min
Lab File: BF103862.D
Acq: 22 Mar 2018 19:51

Tot Ion:	264	Resp:	244209
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.2	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

