

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103864.D
 Acq On : 22 Mar 2018 20:44
 Operator : JU/SJ
 Sample : J1997-33
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

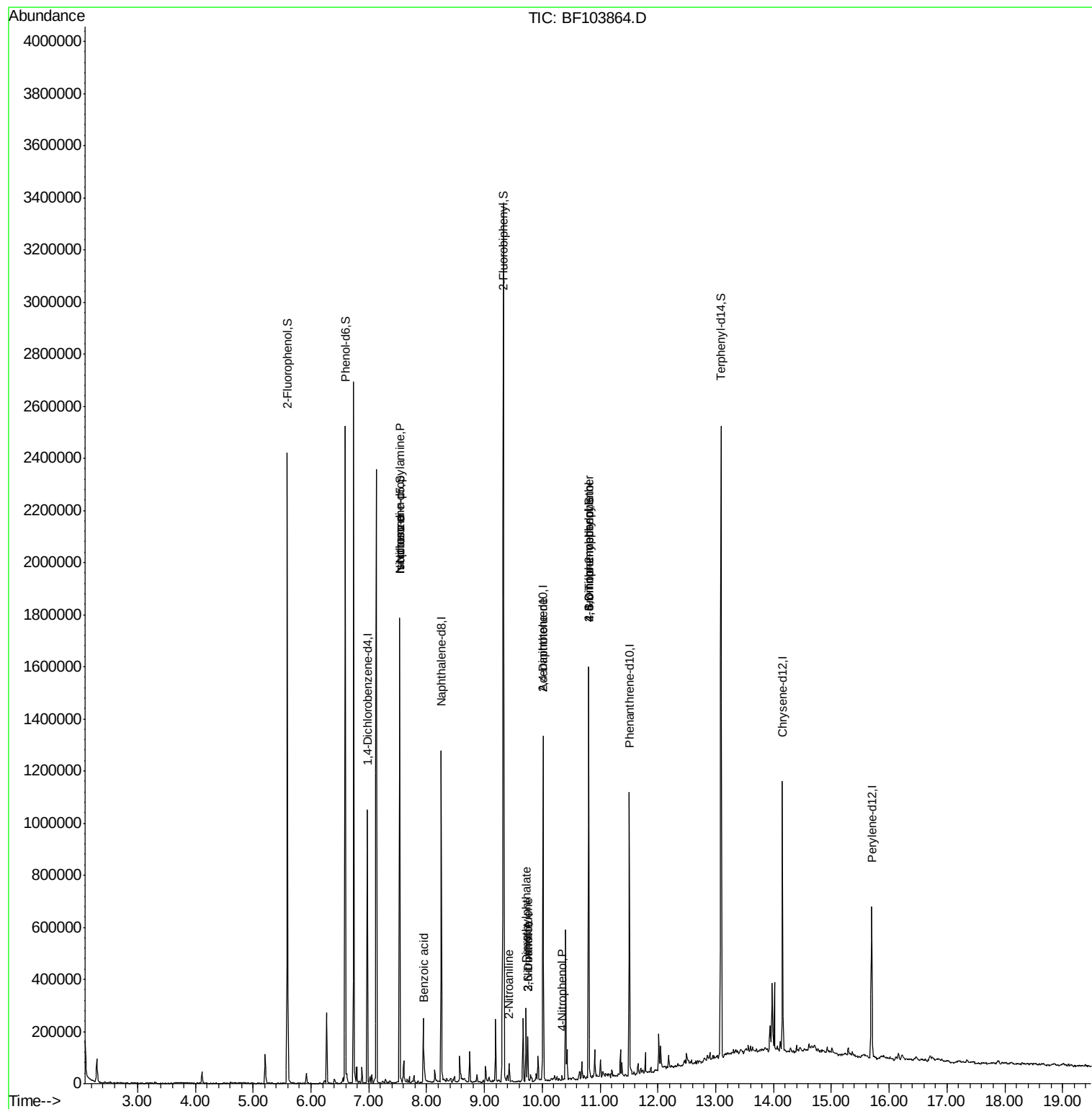
Quant Time: Mar 23 00:57:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 11:56:49 2018
 Response via : Initial Calibration

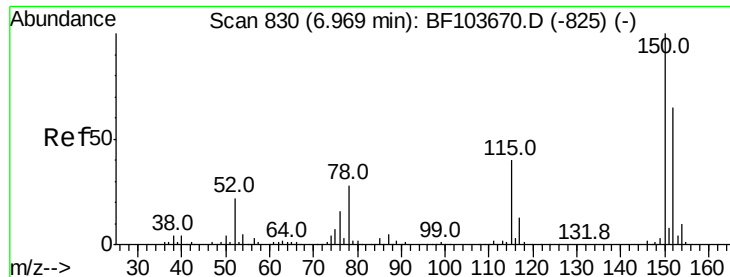
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152798	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	614457	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	266743	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	398752	20.00	ng	0.00
75) Chrysene-d12	14.16	240	317182	20.00	ng	0.00
86) Perylene-d12	15.70	264	250608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	756503	75.30	ng	0.00
7) Phenol-d6	6.59	99	938281	76.34	ng	0.00
23) Nitrobenzene-d5	7.53	82	551236	62.56	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	186487	81.31	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1014287	60.66	ng	0.00
78) Terphenyl-d14	13.09	244	760997	55.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	71300	9.052	ng	# 70
25) Isophorone	7.53	82	551221	27.024	ng	# 64
32) Benzoic acid	7.96	122	385	9.955	ng	# 84
47) 2-Nitroaniline	9.43	65	641	6.933	ng	# 2
49) Dimethylphthalate	9.72	163	99827	4.905	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	15679	7.636	ng	# 26
52) 3-Nitroaniline	9.75	138	1266	4.061	ng	# 31
55) 4-Nitrophenol	10.34	139	311	5.048	ng	# 26
56) 2,4-Dinitrotoluene	10.02	165	33606	12.079	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	275	8.323	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	11345	2.771	ng	# 1

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

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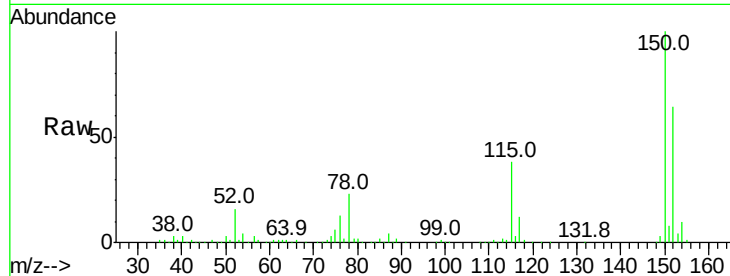




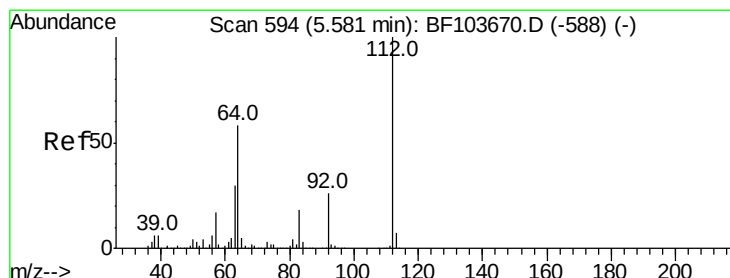
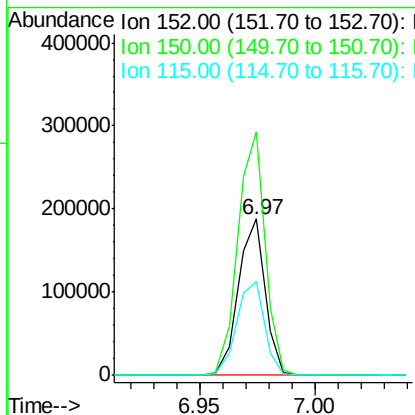
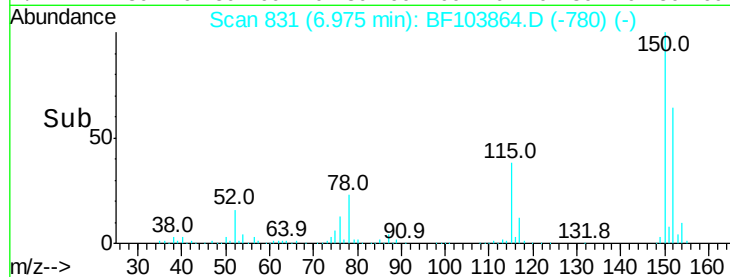
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	59.9	50.1	75.1



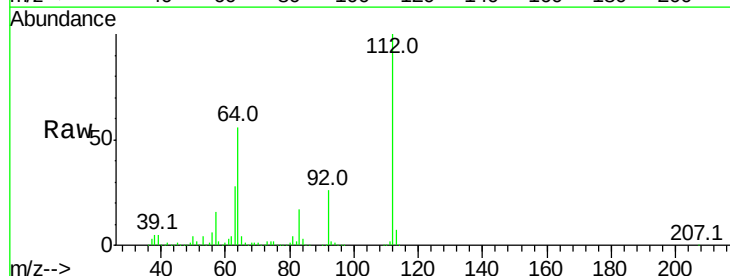
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



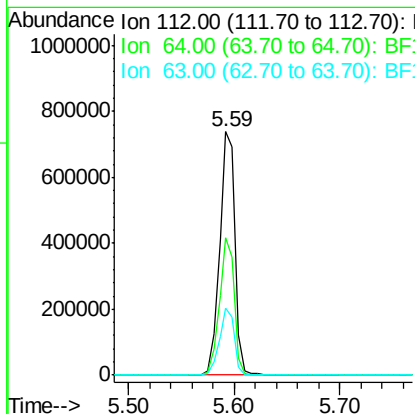
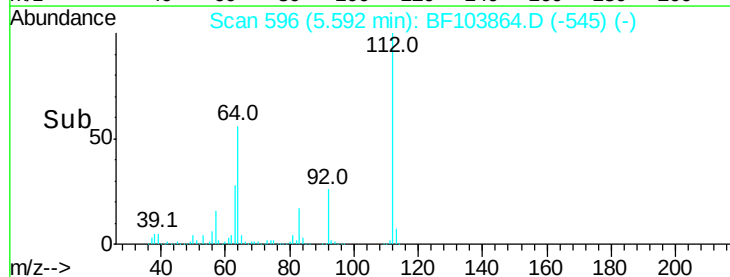
#5

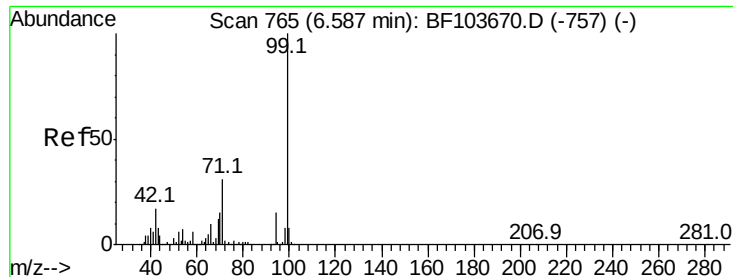
2-Fluorophenol
Concen: 75.304 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	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: 76.342 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

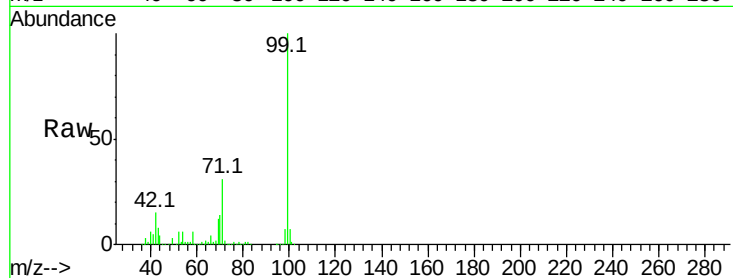
Tot Ion: 99 Resp: 938281

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

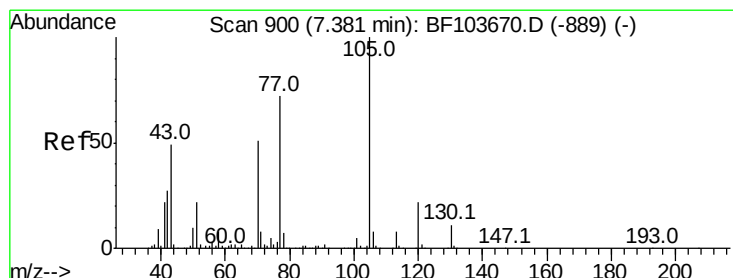
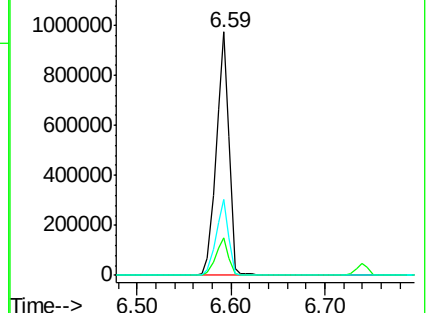
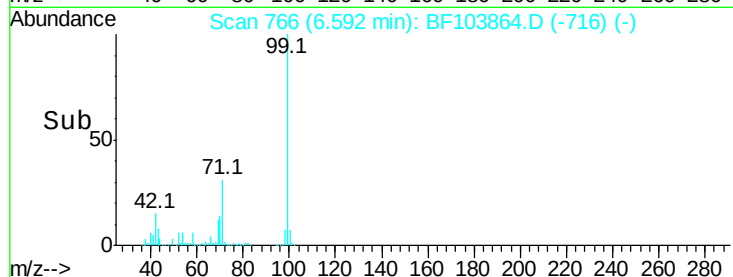
71 31.2 25.4 38.0



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: 9.052 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.15 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

Tgt Ion: 70 Resp: 71300

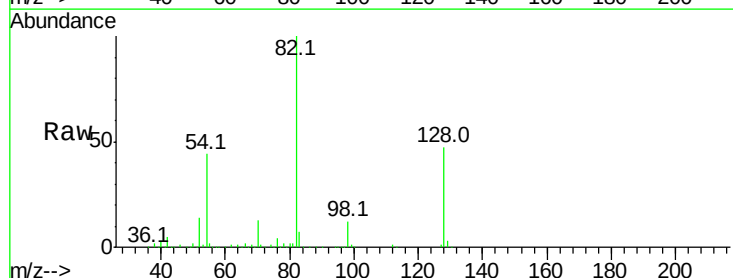
Ion Ratio Lower Upper

70 100

42 39.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

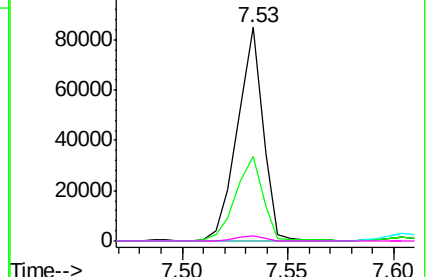
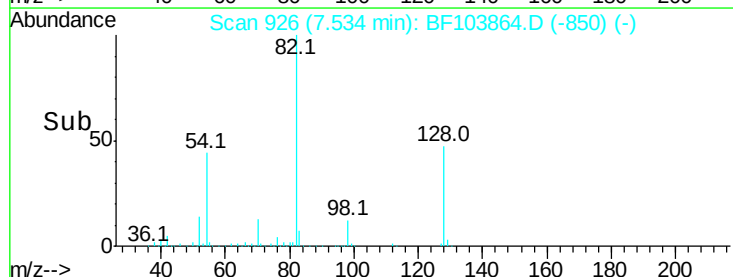


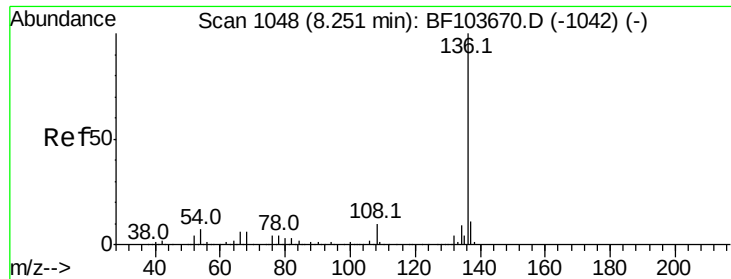
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

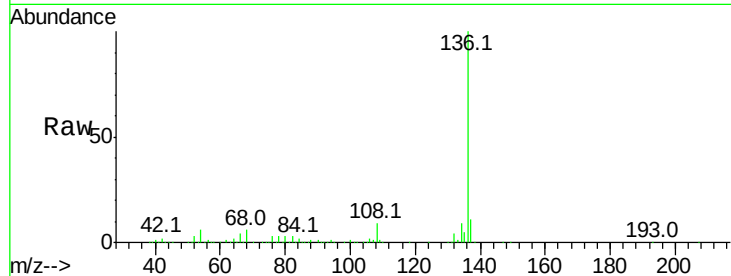
Ion 130.00 (129.70 to 130.70): BF1



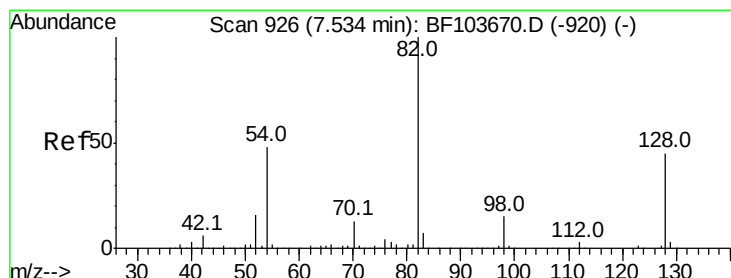
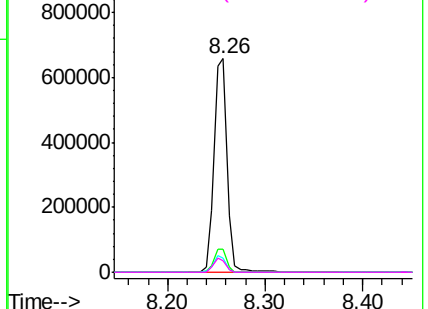
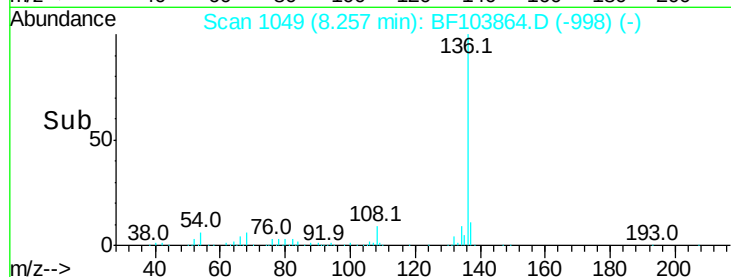


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

Tot Ion:136	Resp:	614457
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.4	6.6 9.8#
68	5.7	5.0 7.4

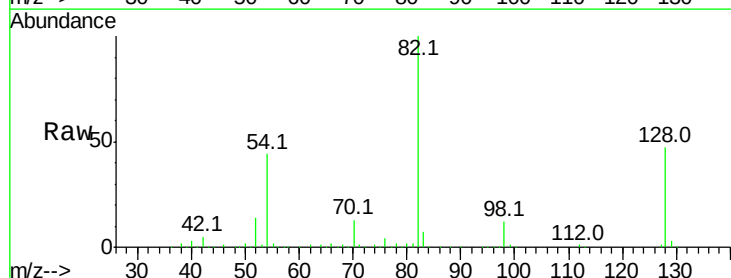


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

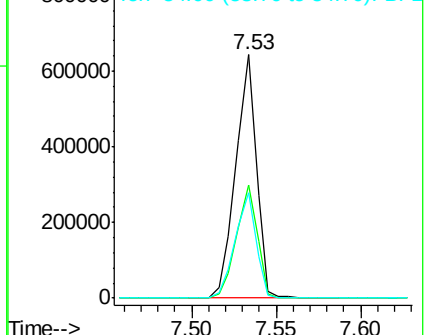
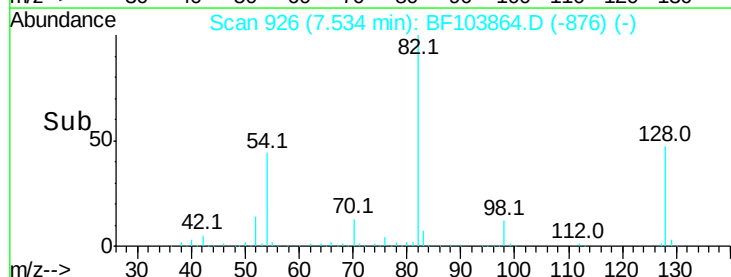


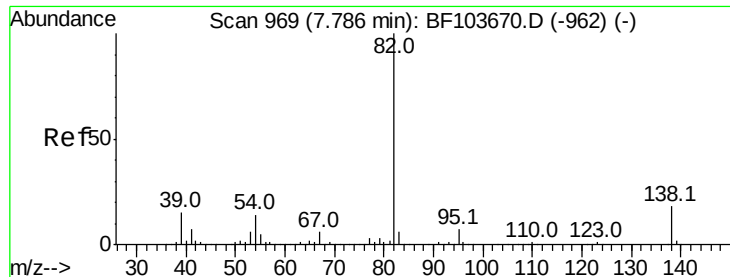
#23
Nitrobenzene-d5
Concen: 62.561 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

Tgt Ion: 82	Resp:	551236
Ion Ratio	Lower	Upper
82	100	
128	46.5	36.1 54.1
54	43.5	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: 27.024 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

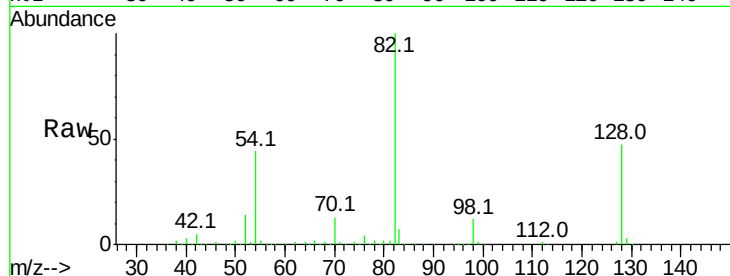
Tot Ion: 82 Resp: 551221

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

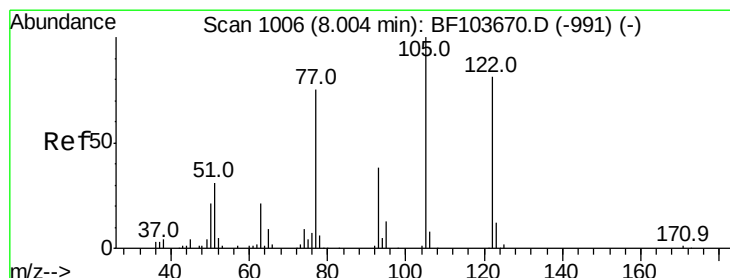
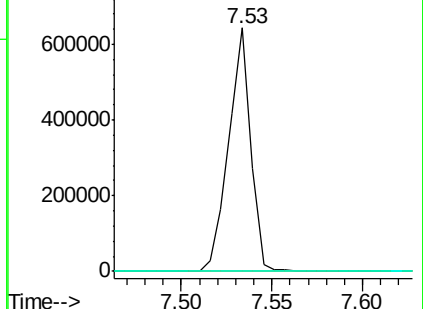
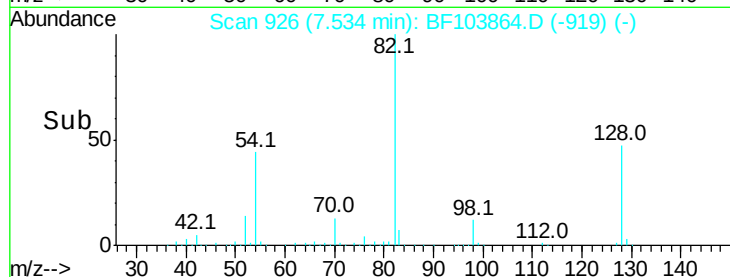
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 9.955 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.06 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

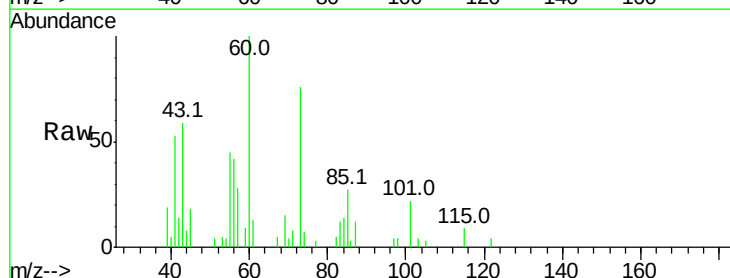
Tgt Ion: 122 Resp: 385

Ion Ratio Lower Upper

122 100

105 90.6 101.1 141.1#

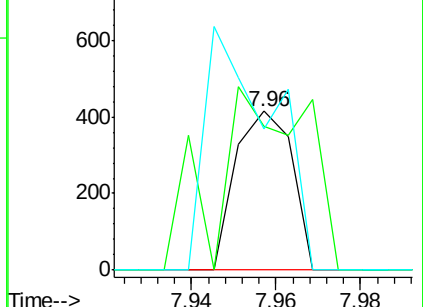
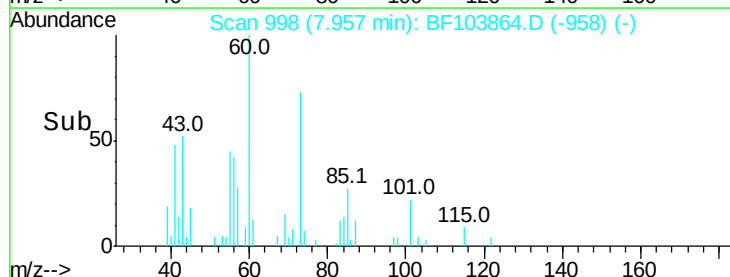
77 88.9 70.7 110.7

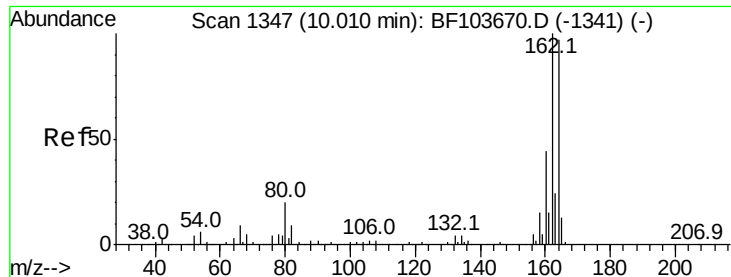


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

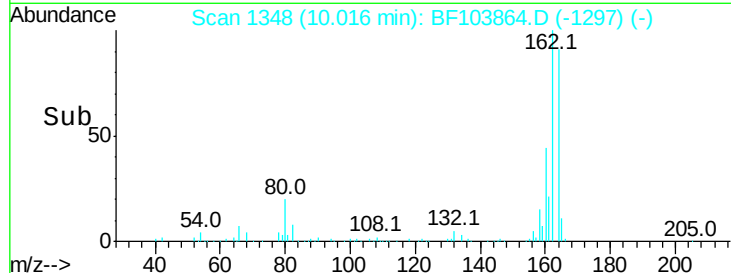
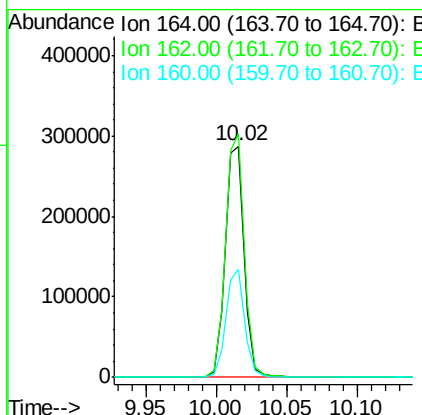
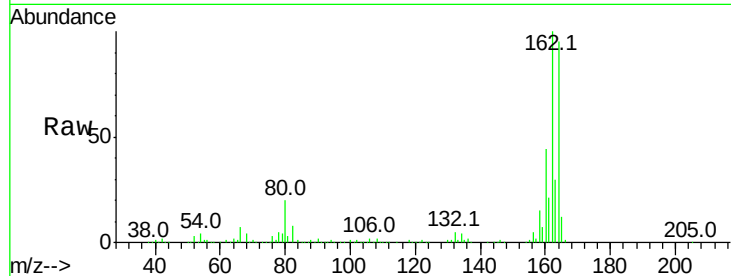
Ion 77.00 (76.70 to 77.70): BF1





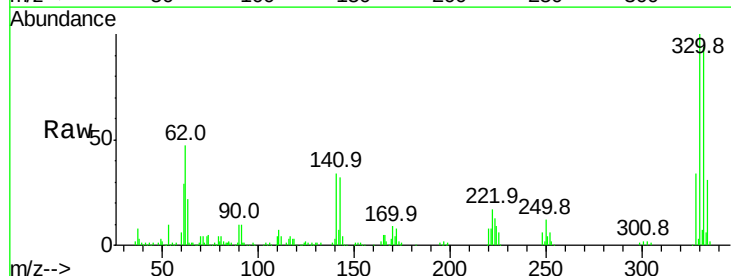
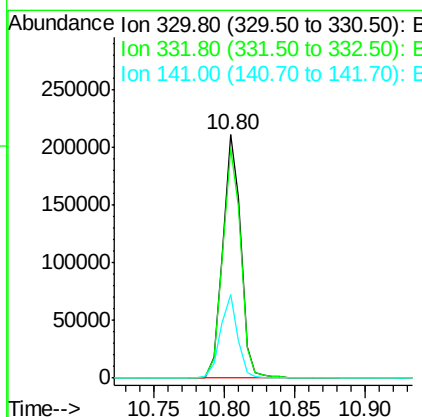
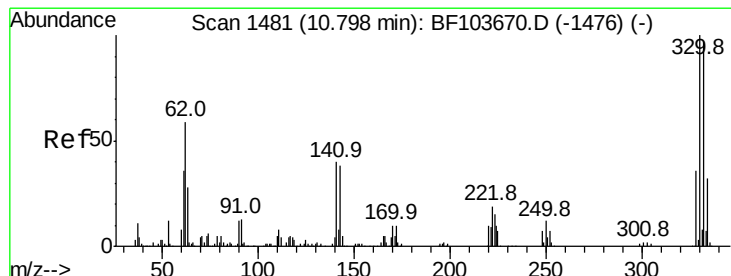
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF103864.D
 Acq: 22 Mar 2018 20:44

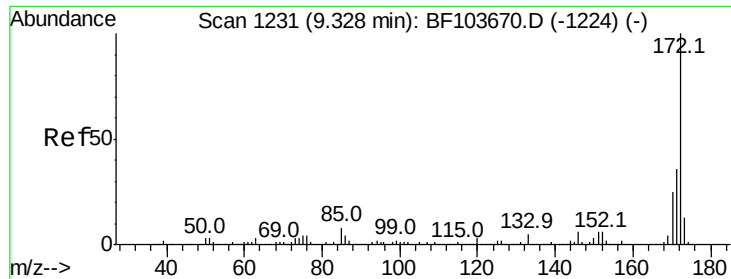
Tot Ion:164 Resp: 266743
 Ion Ratio Lower Upper
 164 100
 162 105.2 86.1 129.1
 160 46.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 81.312 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103864.D
 Acq: 22 Mar 2018 20:44

Tgt Ion:330 Resp: 186487
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 33.0 29.9 44.9

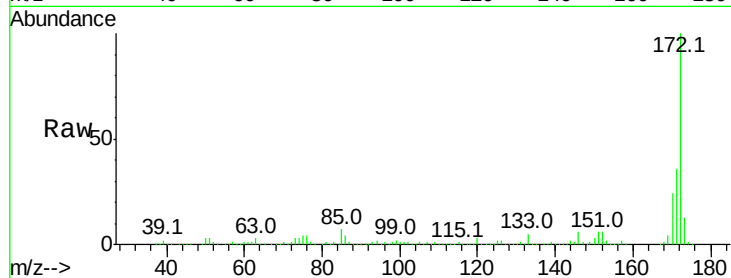




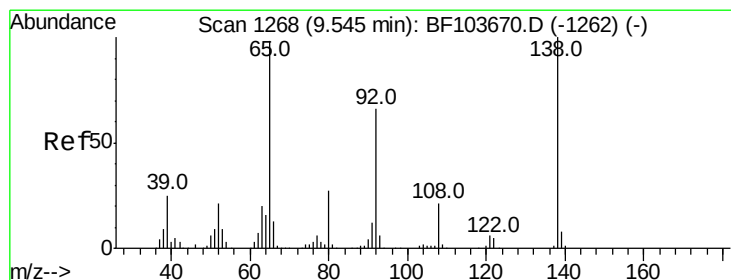
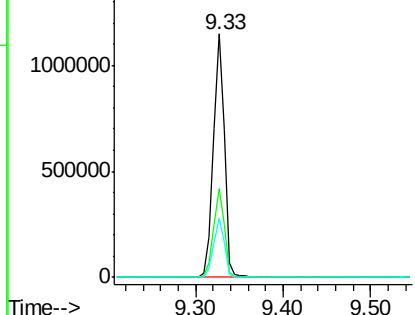
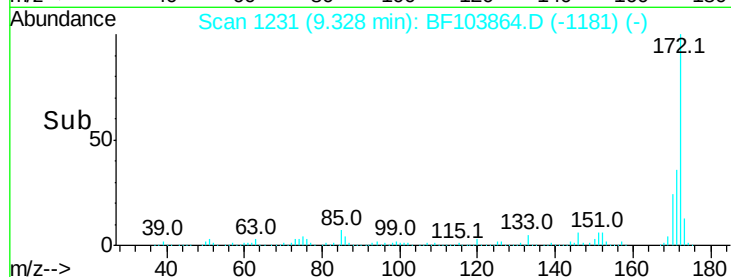
#44
2-Fluorobiphenyl
Concen: 60.655 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

Tot Ion:172 Resp: 1014287

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4



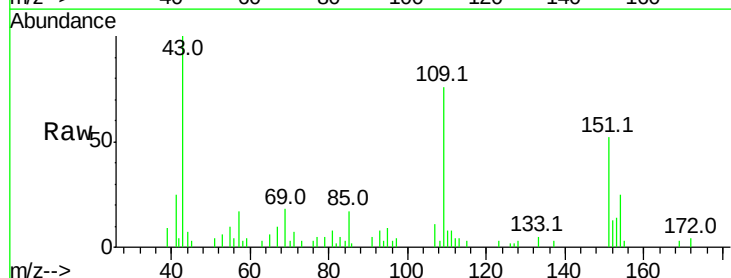
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



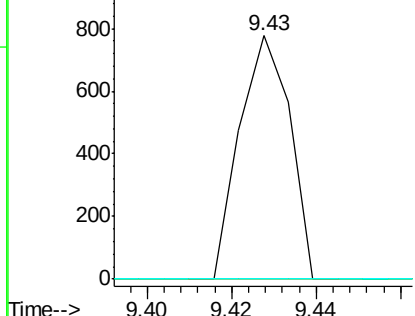
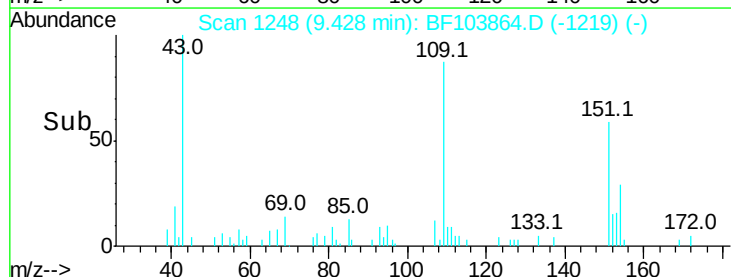
#47
2-Nitroaniline
Concen: 6.933 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.13 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

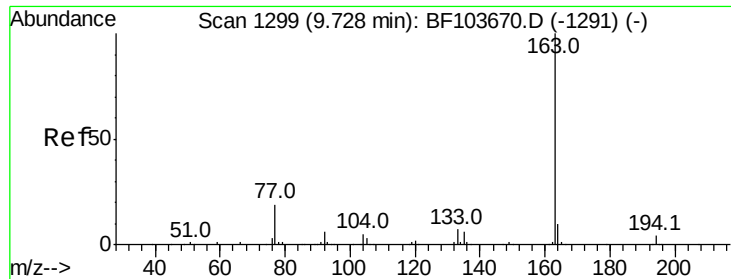
Tgt Ion: 65 Resp: 641

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



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 4.905 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

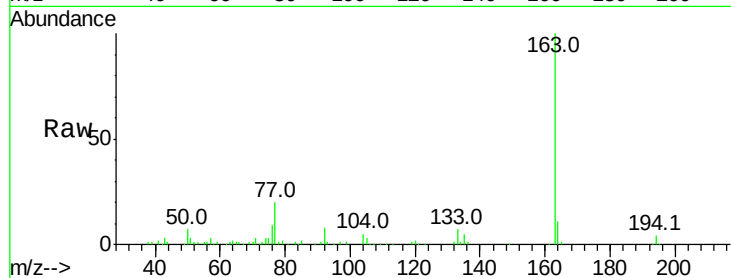
Tot Ion:163 Resp: 99827

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

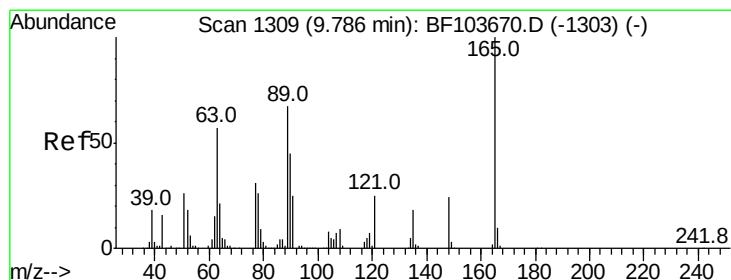
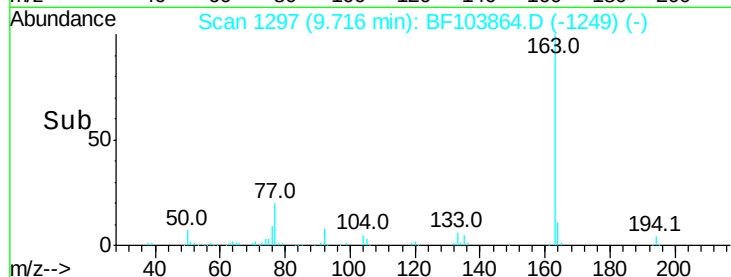
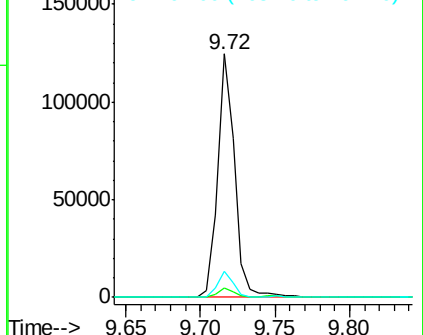
164 10.5 8.2 12.2



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: 7.636 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.05 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

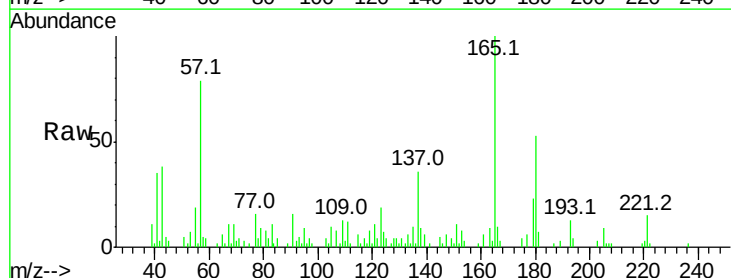
Tgt Ion:165 Resp: 15679

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

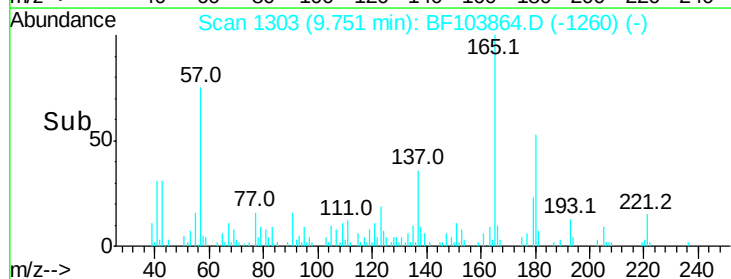
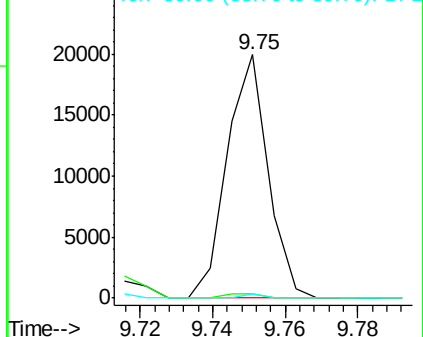
89 1.7 44.0 66.0#

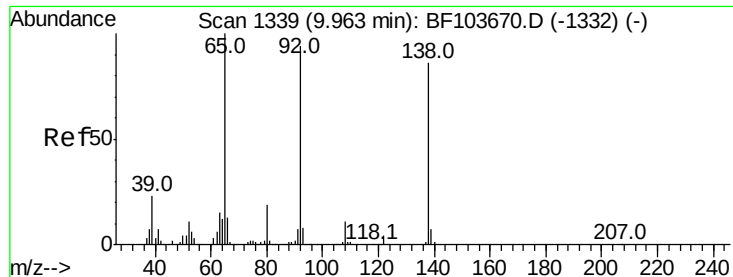


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

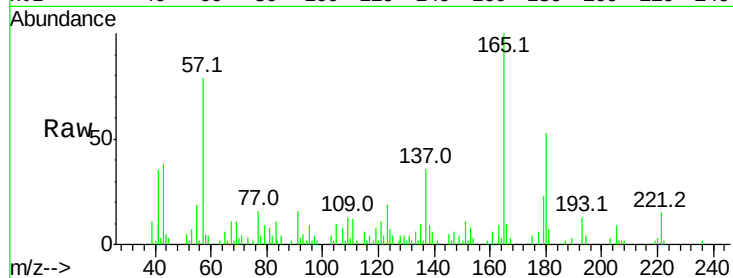
Ion 89.00 (88.70 to 89.70): BF1



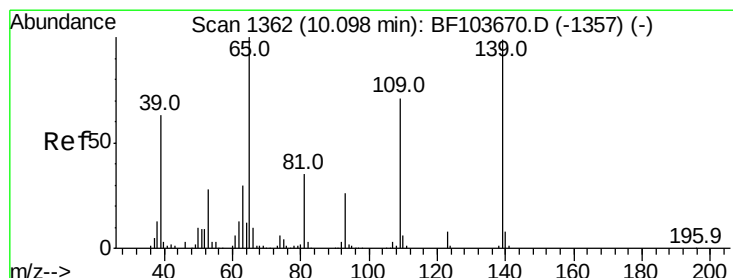
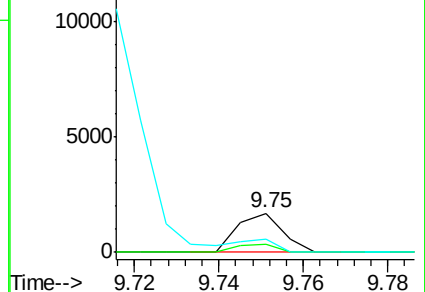


#52
3-Nitroaniline
Concen: 4.061 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.22 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

Tot Ion:138 Resp: 1266
Ion Ratio Lower Upper
138 100
108 20.0 9.4 14.0#
92 32.9 89.4 134.2#

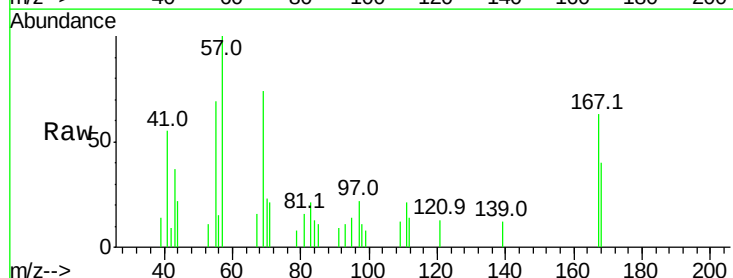


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

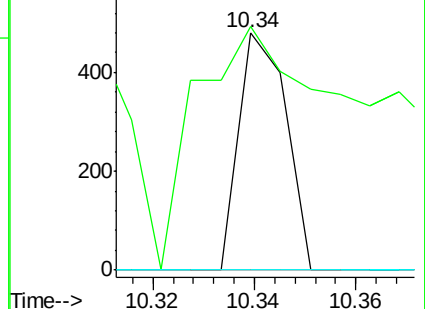


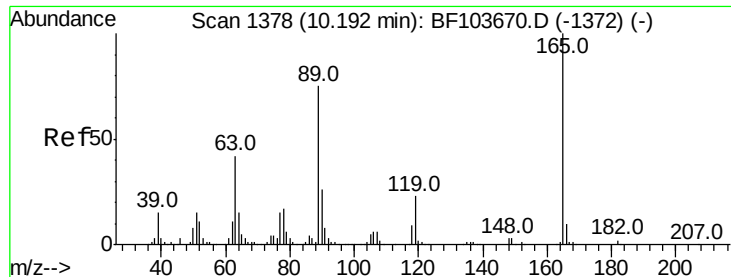
#55
4-Nitrophenol
Concen: 5.048 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.22 min
Lab File: BF103864.D
Acq: 22 Mar 2018 20:44

Tgt Ion:139 Resp: 311
Ion Ratio Lower Upper
139 100
109 102.5 48.4 88.4#
65 0.0 72.6 112.6#



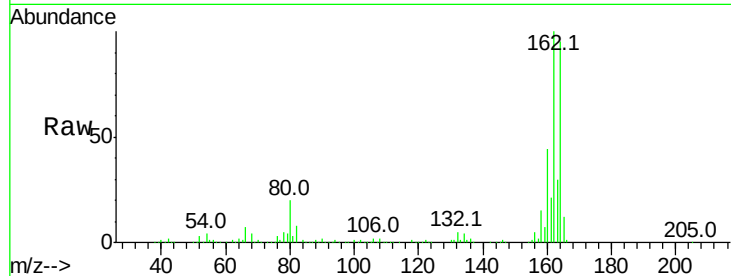
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#56
 2,4-Dinitrotoluene
 Concen: 12.079 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.19 min
 Lab File: BF103864.D
 Acq: 22 Mar 2018 20:44

Tot Ion:	165	Resp:	33606
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

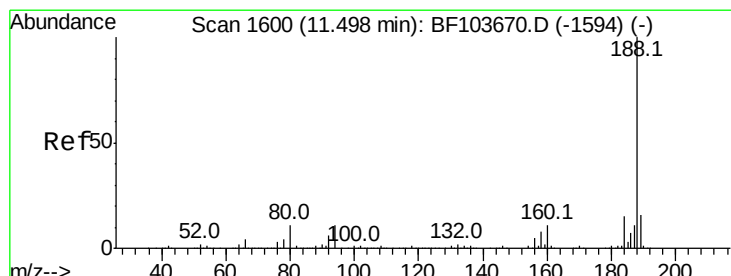
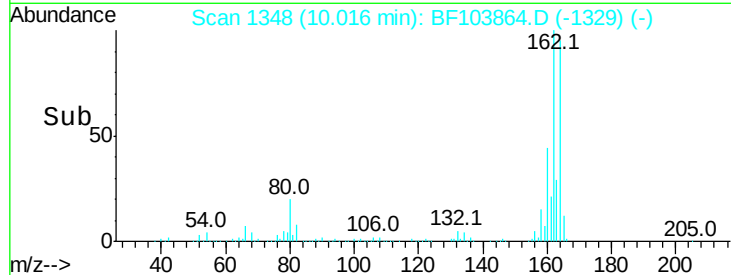
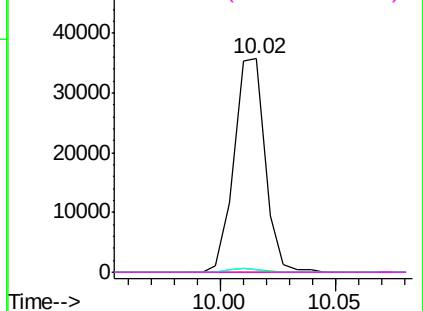


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

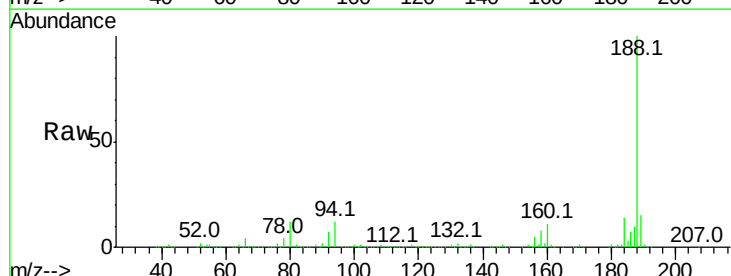
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103864.D
 Acq: 22 Mar 2018 20:44

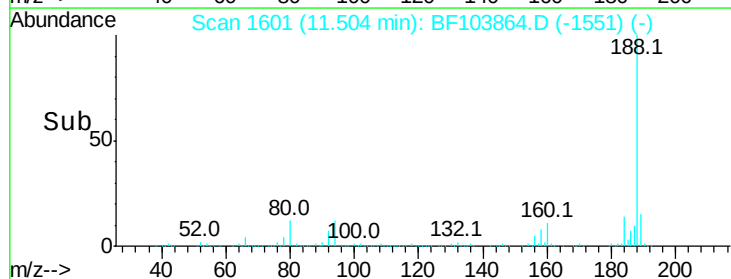
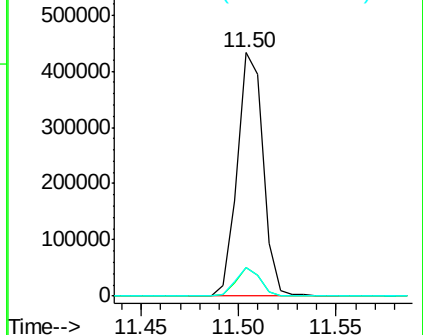
Tgt Ion:	188	Resp:	398752
Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	11.8	9.2	13.8

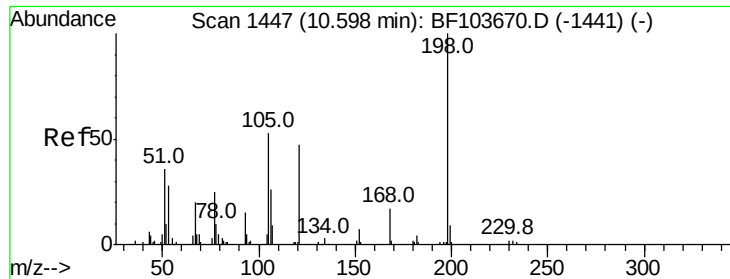


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

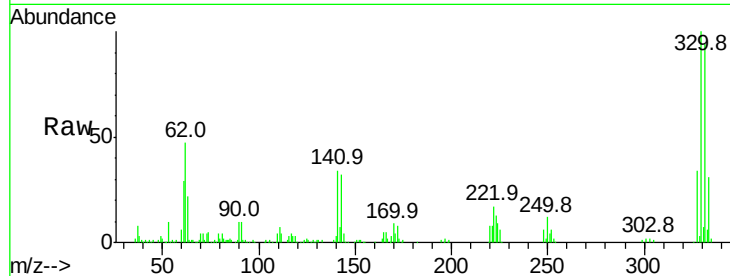
Ion 80.00 (79.70 to 80.70): BF1



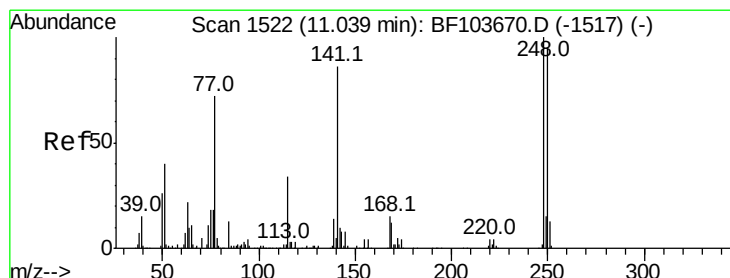
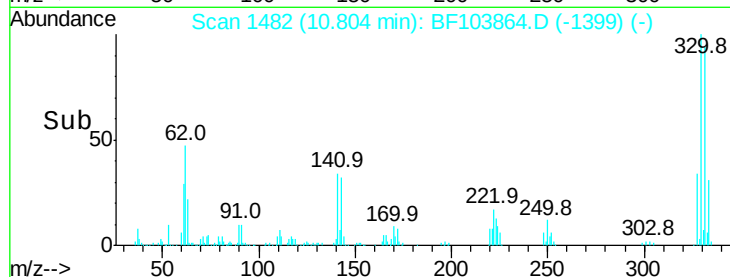
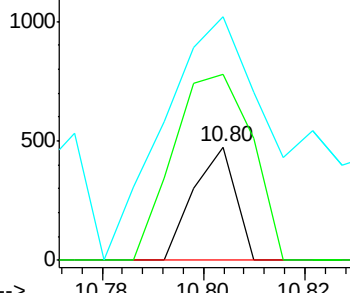


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.323 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103864.D
 Acq: 22 Mar 2018 20:44

Tot Ion	Ratio	Lower	Upper
198	100		
51	164.2	37.7	77.7#
105	214.5	36.3	76.3#

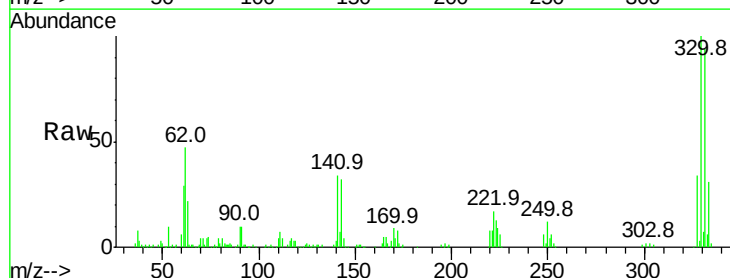


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

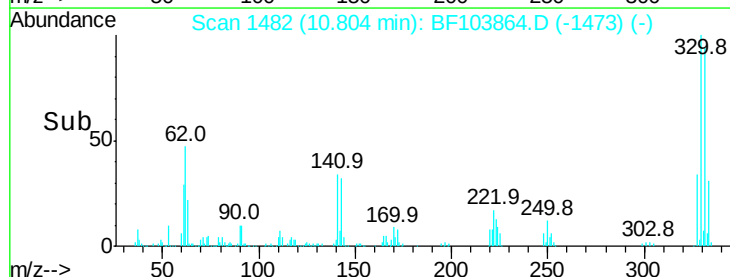
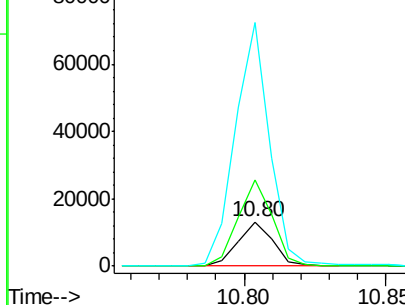


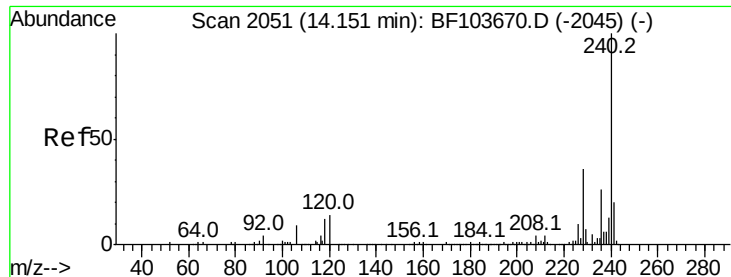
#66
 4-Bromophenyl-phenylether
 Concen: 2.771 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF103864.D
 Acq: 22 Mar 2018 20:44

Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.5	76.9	115.3#
141	551.5	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

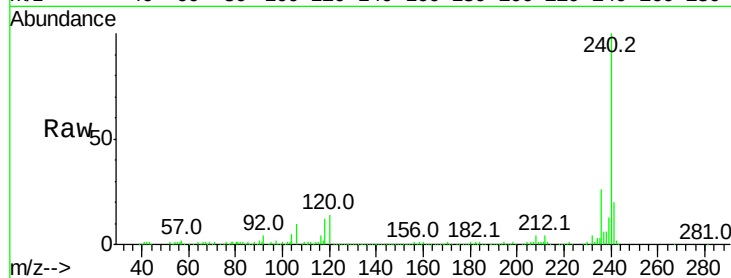
Delta R.T. -0.01 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

Tot Ion:240 Resp: 317182

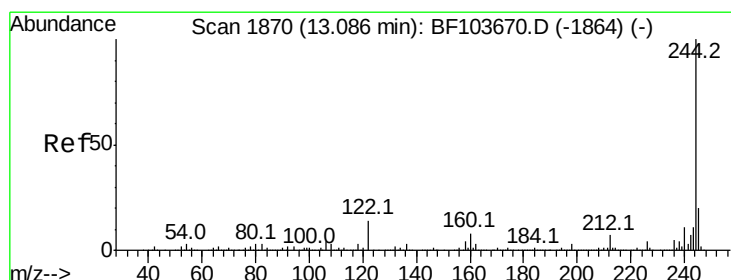
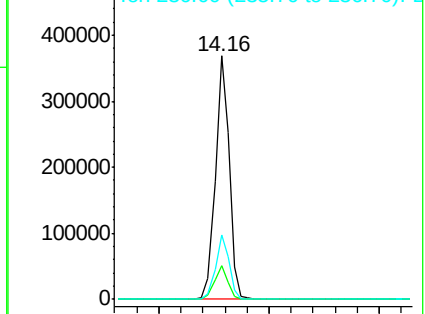
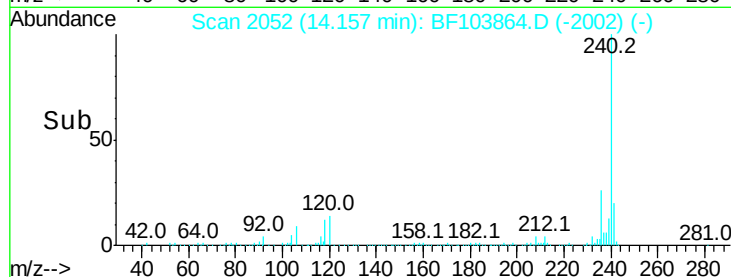
Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.3	20.7	31.1



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: 55.690 ng

RT: 13.09 min Scan# 1871

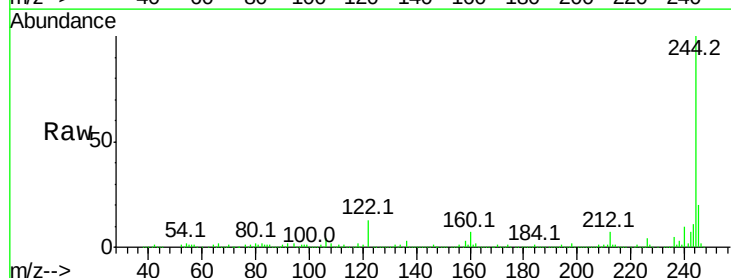
Delta R.T. -0.01 min

Lab File: BF103864.D

Acq: 22 Mar 2018 20:44

Tgt Ion:244 Resp: 760997

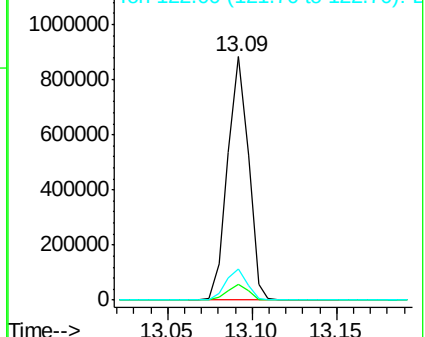
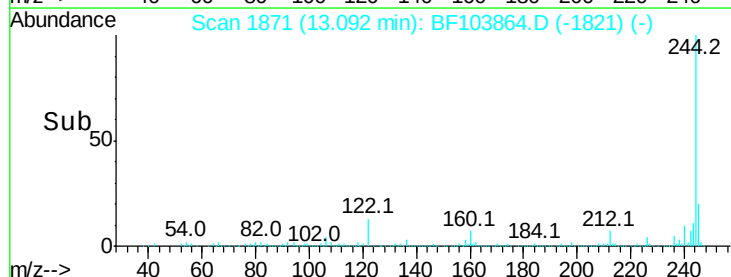
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	12.9	11.0	16.4

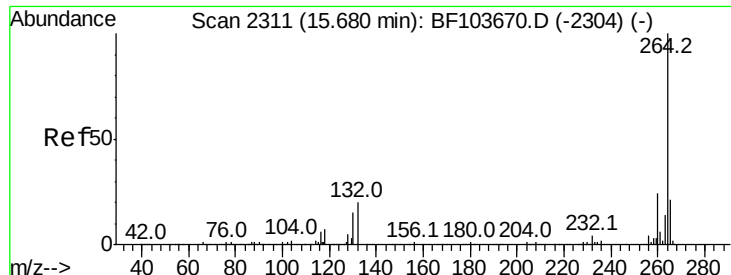


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

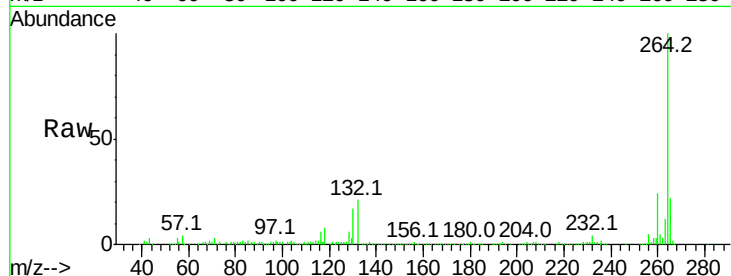
Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BF103864.D
 Acq: 22 Mar 2018 20:44

Tot Ion:264	Resp:	250608
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.2 28.8
265	22.0	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

