

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032218\
 Data File : BF103861.D
 Acq On : 22 Mar 2018 19:25
 Operator : JU/SJ
 Sample : J1991-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 23 00:57:05 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	150437	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	571166	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	229055	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	339995	20.00	ng	0.00
75) Chrysene-d12	14.16	240	313631	20.00	ng	0.00
86) Perylene-d12	15.70	264	250184	20.00	ng	0.00

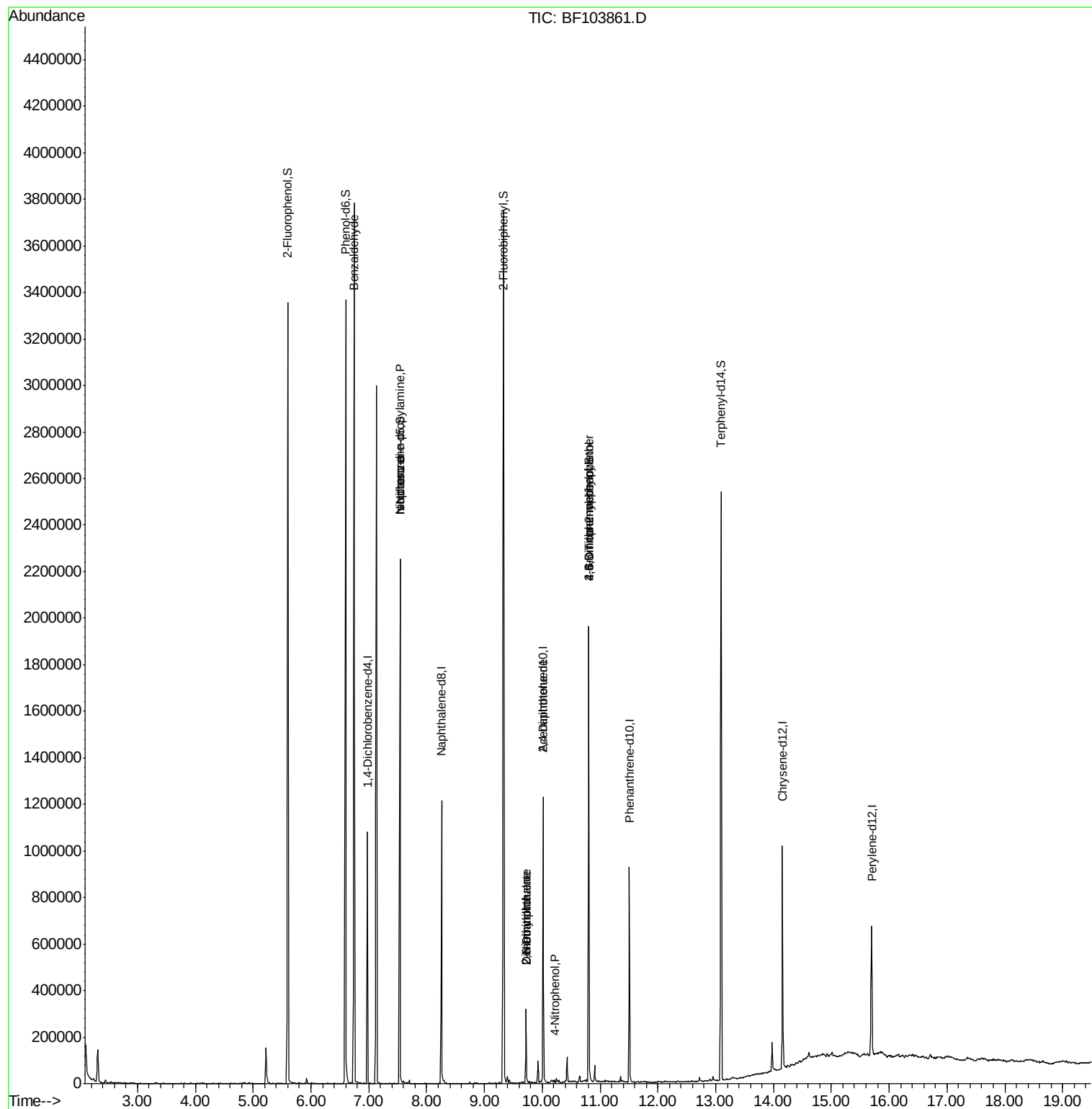
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1146631	115.93	ng	0.00
7) Phenol-d6	6.60	99	1401623	115.83	ng	0.00
23) Nitrobenzene-d5	7.54	82	813762	99.36	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	251383	127.64	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1231367	85.75	ng	0.00
78) Terphenyl-d14	13.09	244	870167	64.40	ng	0.00

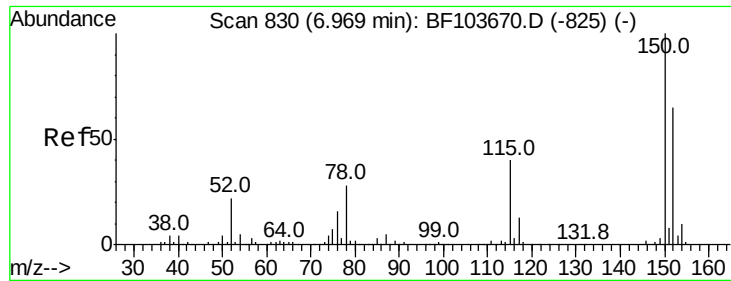
Target Compounds				Qvalue		
9) Benzaldehyde	6.75	77	24069	3.028	ng	83
19) n-Nitroso-di-n-propylamine	7.54	70	106833	13.776	ng	# 72
25) Isophorone	7.54	82	813747	42.919	ng	# 64
47) 2-Nitroaniline	9.72	65	864	7.001	ng	# 1
49) Dimethylphthalate	9.72	163	116090	6.643	ng	99
50) 2,6-Dinitrotoluene	9.72	165	1218	4.314	ng	# 19
55) 4-Nitrophenol	10.22	139	109	5.002	ng	# 9
56) 2,4-Dinitrotoluene	10.02	165	29245	12.158	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	373	8.445	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	14789	4.237	ng	# 1

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

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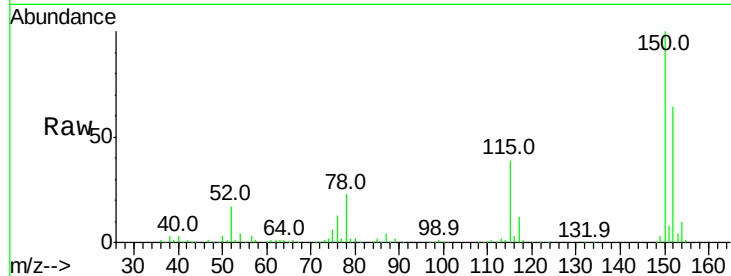




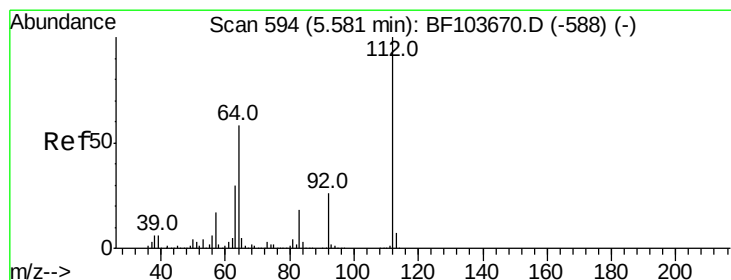
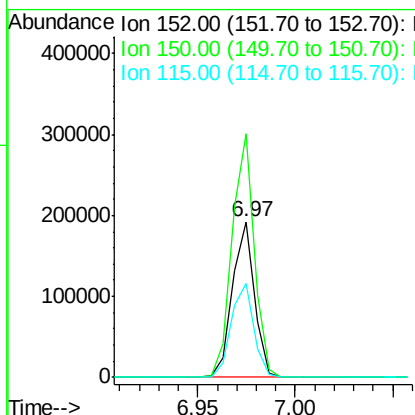
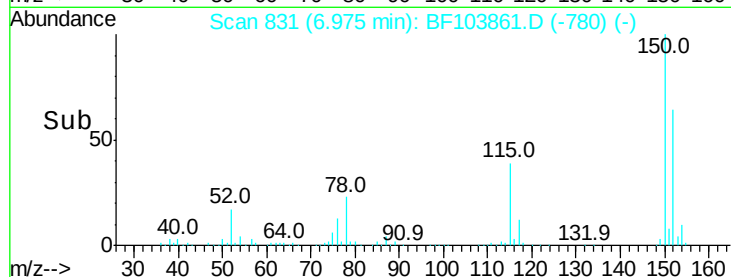
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	60.4	50.1	75.1



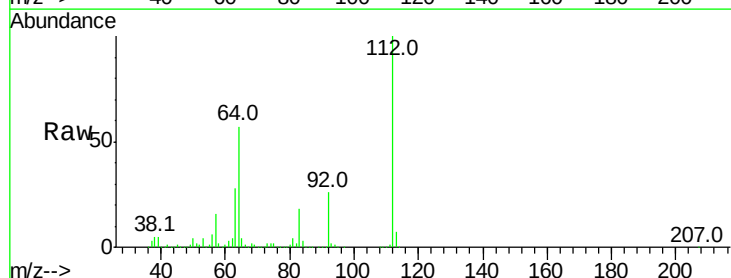
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



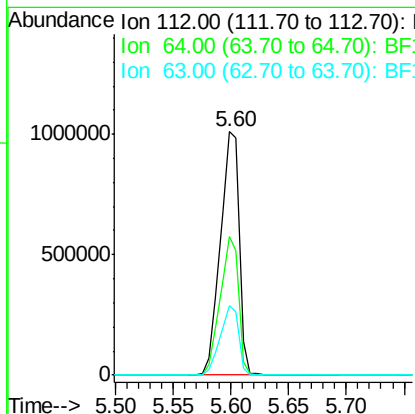
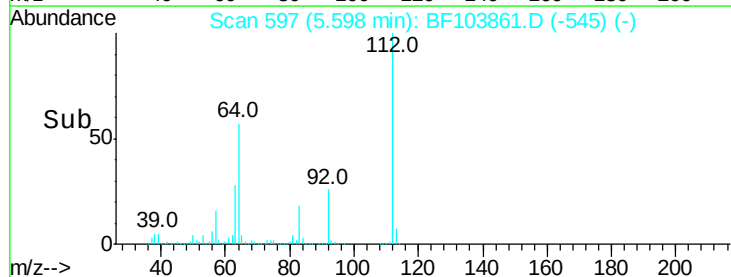
#5

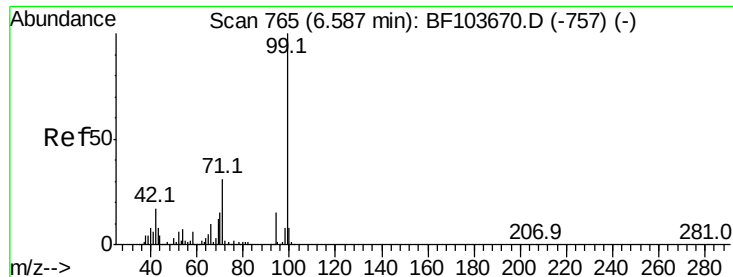
2-Fluorophenol
Concen: 115.930 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	28.4	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: 115.831 ng

RT: 6.60 min Scan# 767

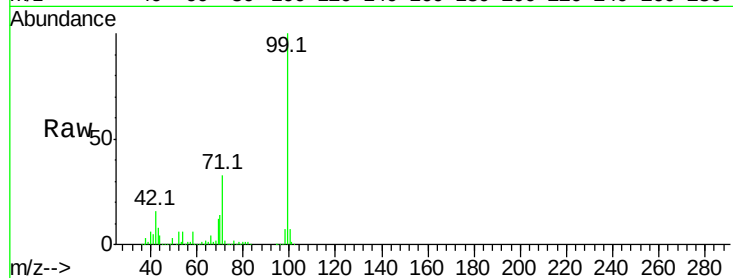
Delta R.T. 0.00 min

Lab File: BF103861.D

Acq: 22 Mar 2018 19:25

Tot Ion: 99 Resp: 1401623

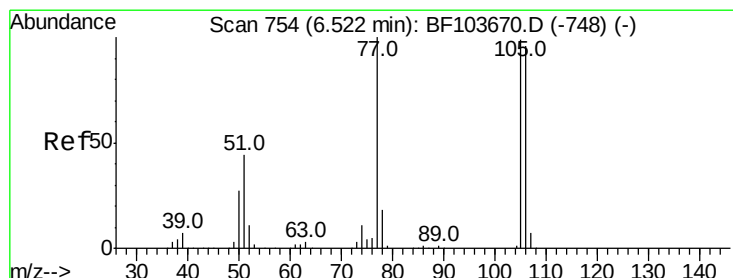
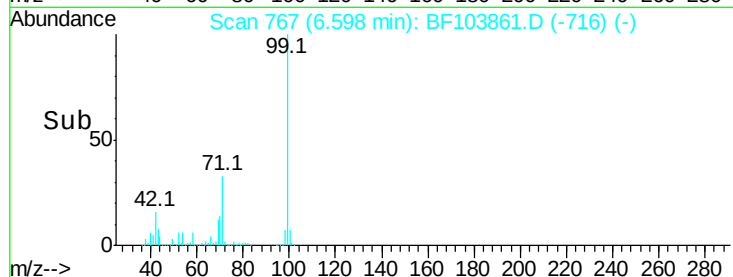
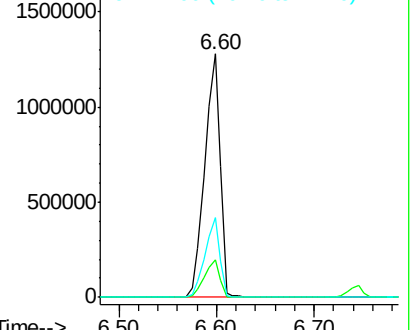
Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	32.6	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 3.028 ng

RT: 6.75 min Scan# 792

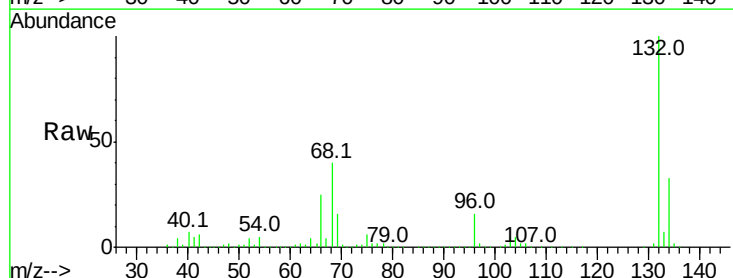
Delta R.T. 0.22 min

Lab File: BF103861.D

Acq: 22 Mar 2018 19:25

Tgt Ion: 77 Resp: 24069

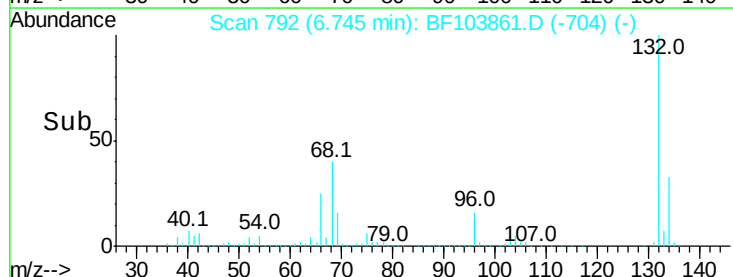
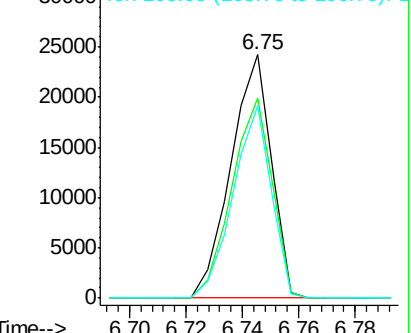
Ion	Ratio	Lower	Upper
77	100		
105	82.4	81.1	121.1
106	79.2	74.5	114.5

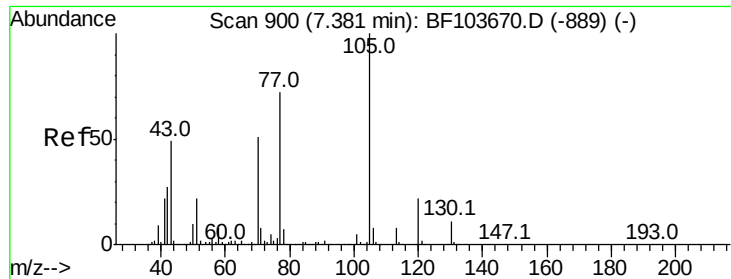


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

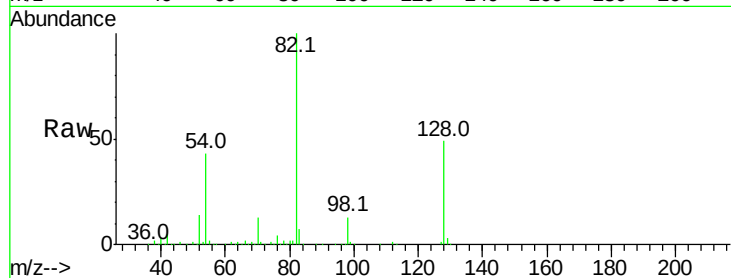
Ion 106.00 (105.70 to 106.70): BF1



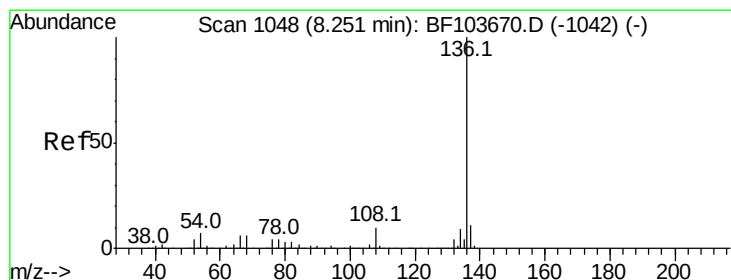
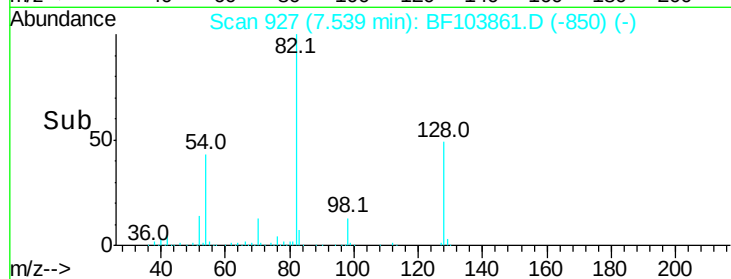
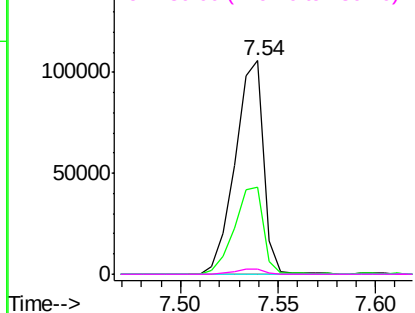


#19
n-Nitroso-di-n-propylamine
Concen: 13.776 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.15 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tot Ion: 70 Resp: 106833
Ion Ratio Lower Upper
70 100
42 41.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#

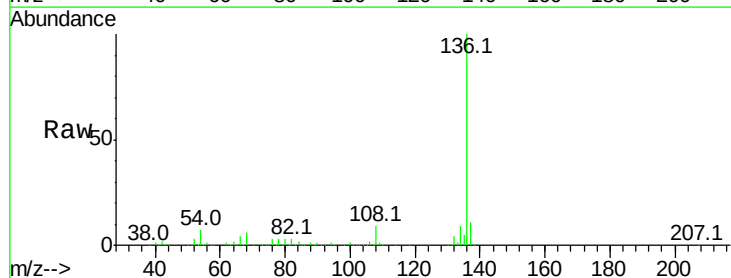


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

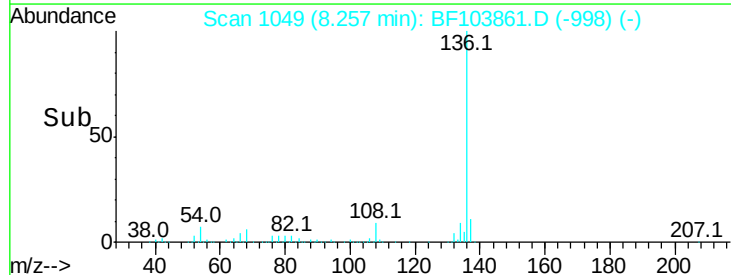
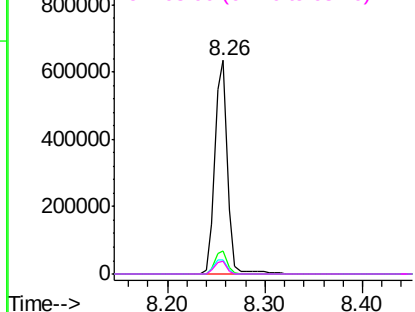


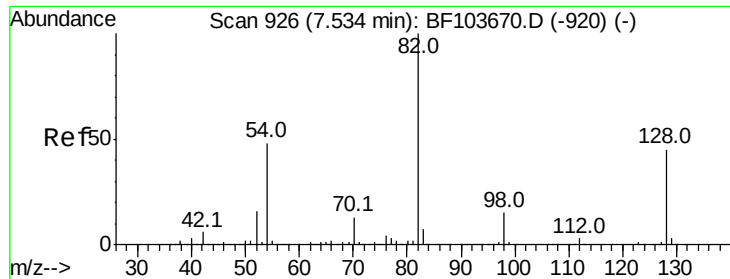
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tgt Ion:136 Resp: 571166
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.5 6.6 9.8#
68 5.9 5.0 7.4



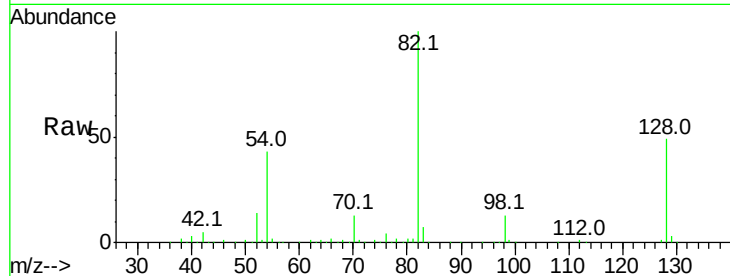
Abundance Ion 136.00 (135.70 to 136.70): BF1
Ion 137.00 (136.70 to 137.70): BF1
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



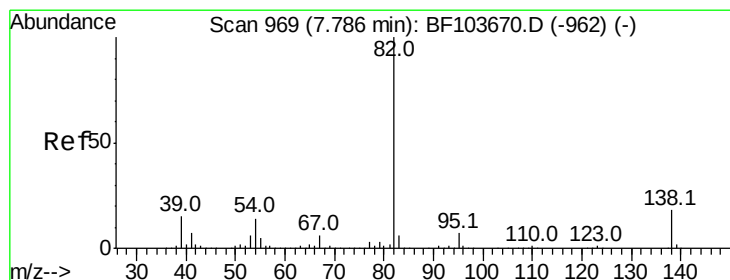
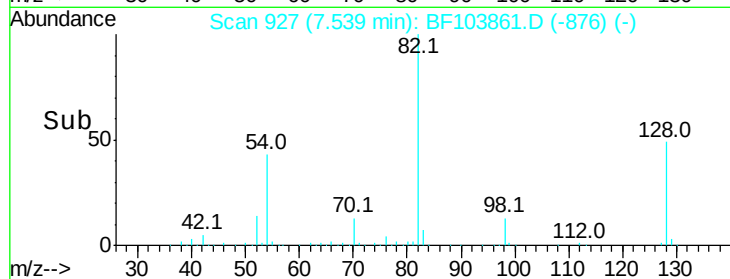
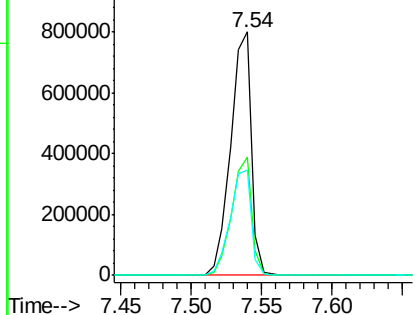


#23
Nitrobenzene-d5
Concen: 99.355 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tot Ion	82	Resp	813762
Ion Ratio	100		
Lower		36.1	54.1
Upper		41.4	62.2

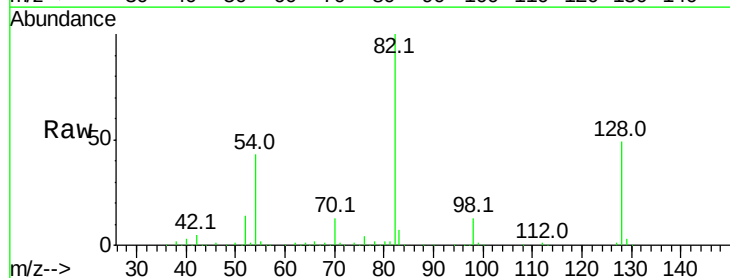


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

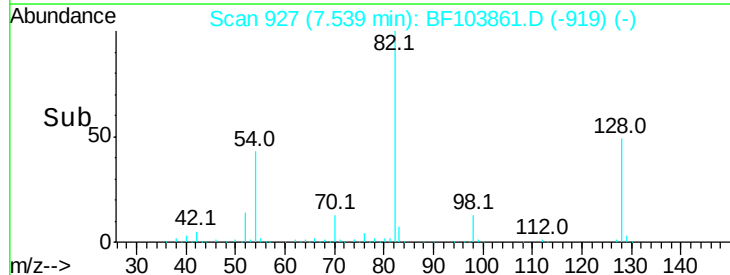
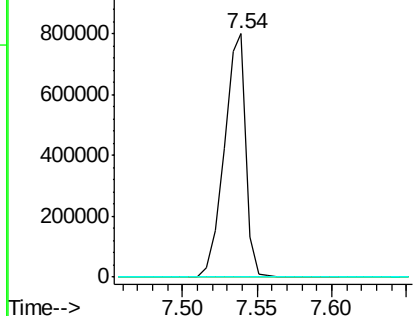


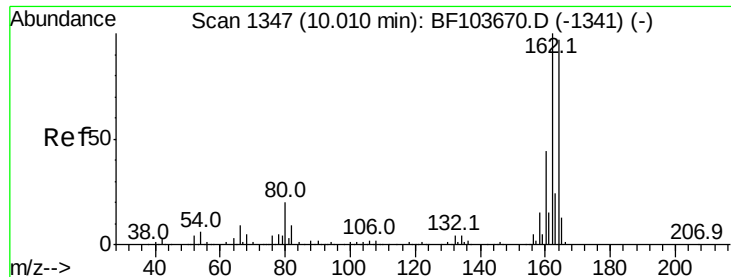
#25
Isophorone
Concen: 42.919 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tgt Ion	82	Resp	813747
Ion Ratio	100		
Lower		5.2	7.8#
Upper		14.9	22.3#



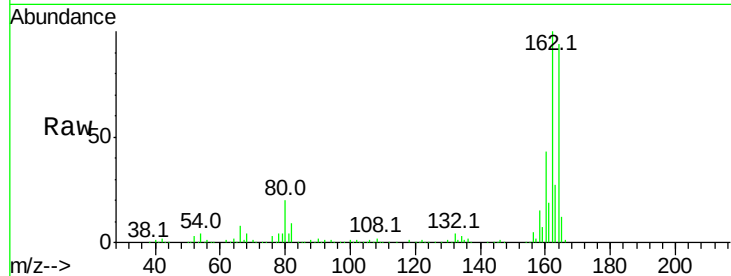
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



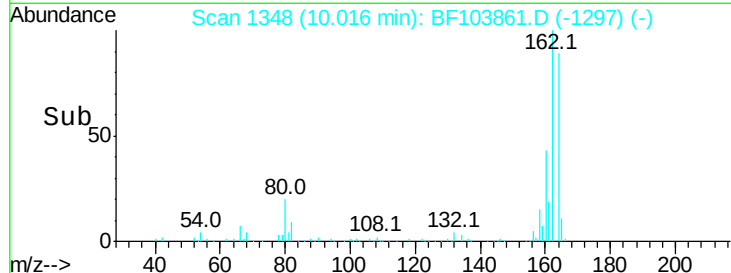
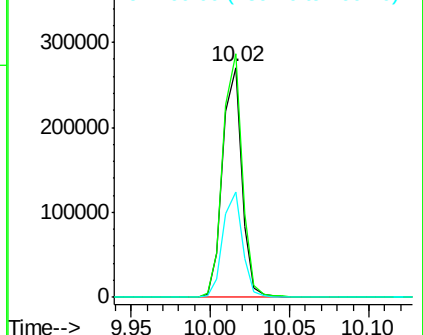


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.0	86.1	129.1
160	45.7	38.3	57.5

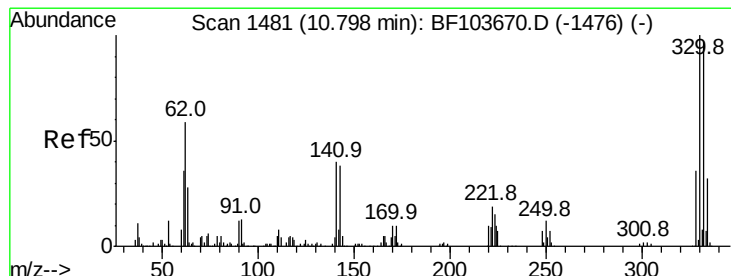


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

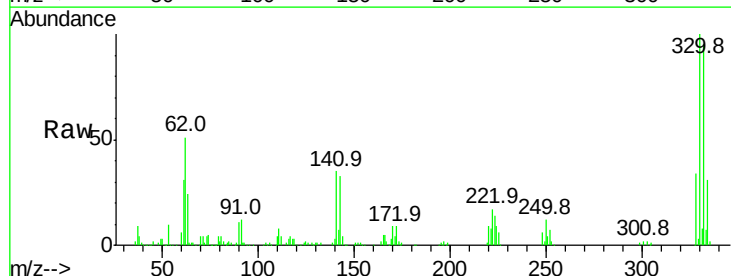
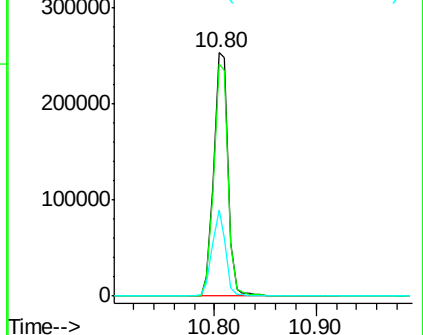


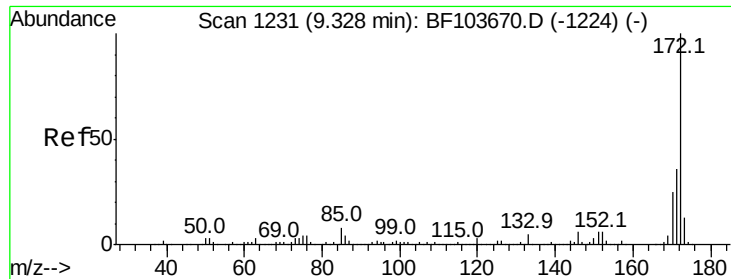
#41
 2,4,6-Tribromophenol
 Concen: 127.643 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.9	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

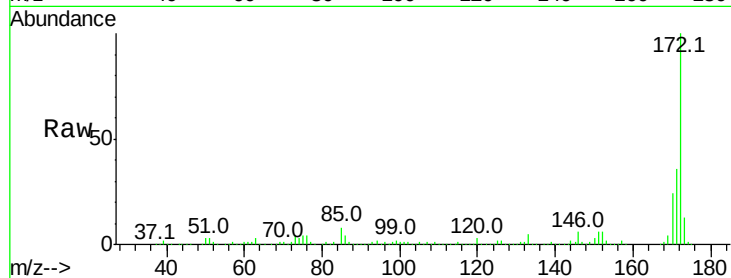




#44
 2-Fluorobiphenyl
 Concen: 85.753 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tot Ion:172 Resp: 1231367

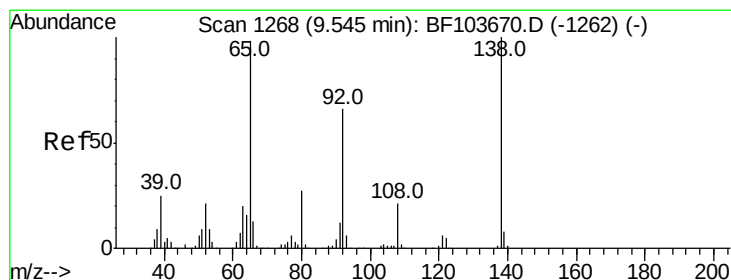
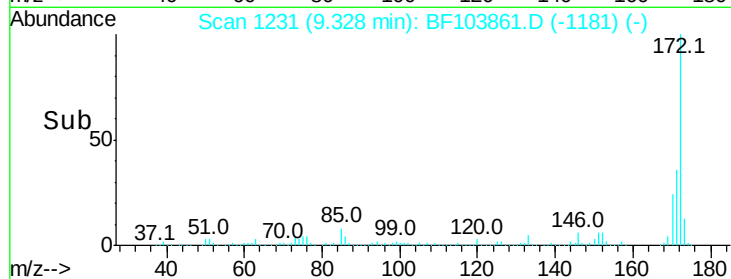
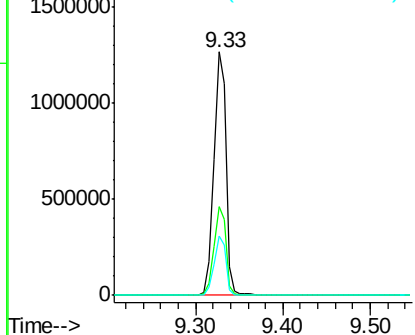
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

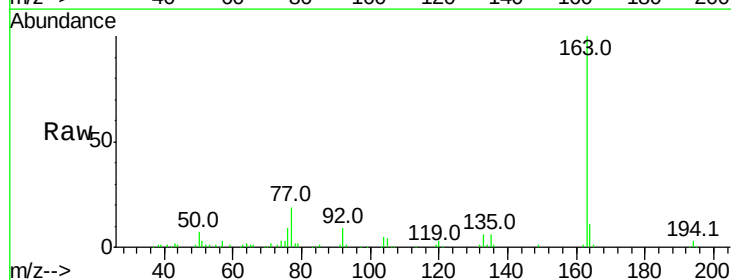
Ion 170.00 (169.70 to 170.70): E



#47
 2-Nitroaniline
 Concen: 7.001 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.16 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tgt Ion: 65 Resp: 864

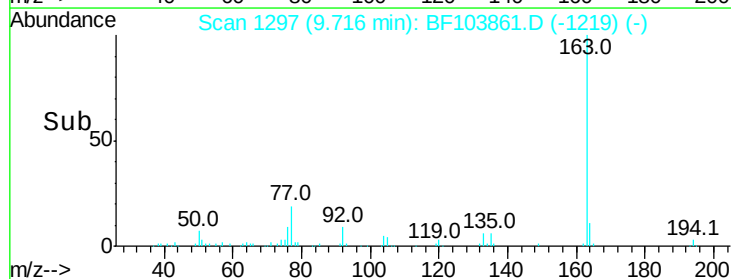
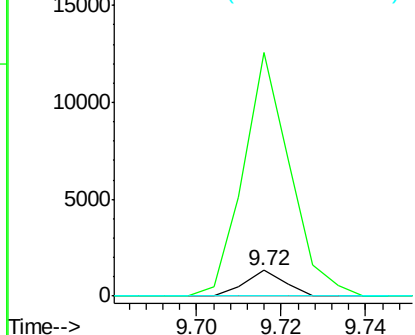
Ion	Ratio	Lower	Upper
65	100		
92	946.9	55.8	83.6#
138	0.0	91.2	136.8#

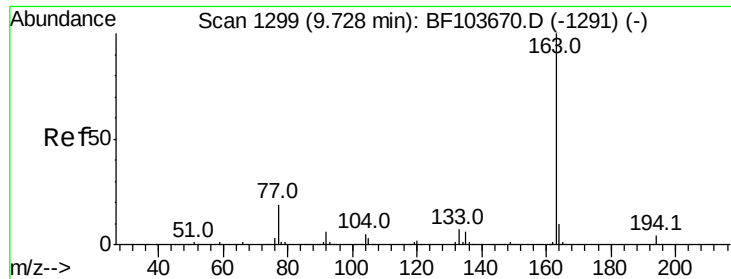


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Dimethylphthalate

Concen: 6.643 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103861.D

Acq: 22 Mar 2018 19:25

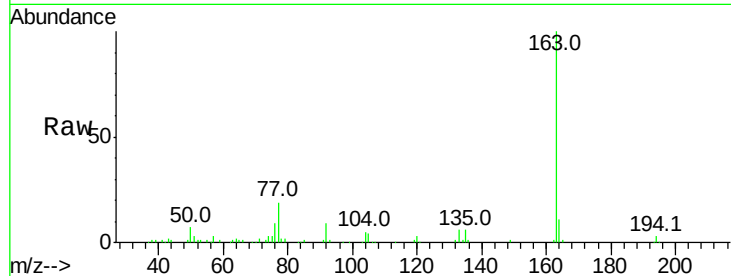
Tot Ion:163 Resp: 116090

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

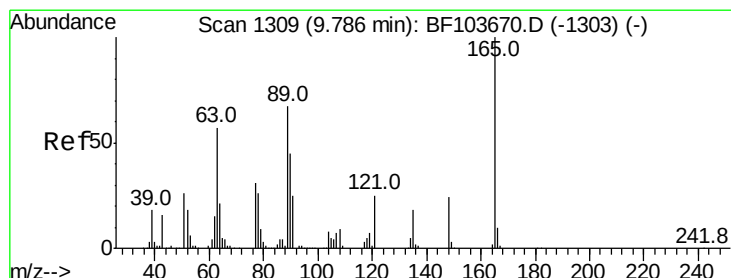
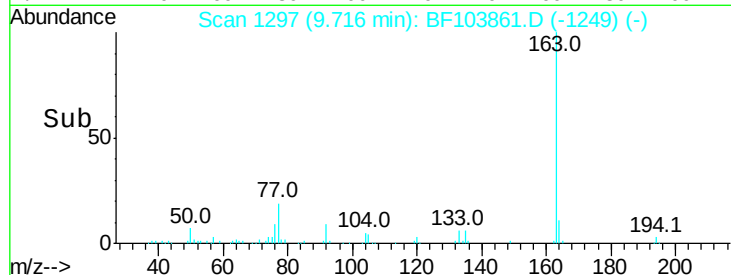
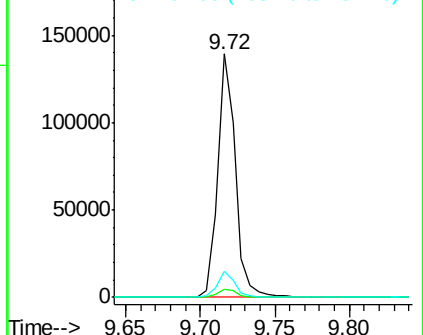
164 10.7 8.2 12.2



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: 4.314 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF103861.D

Acq: 22 Mar 2018 19:25

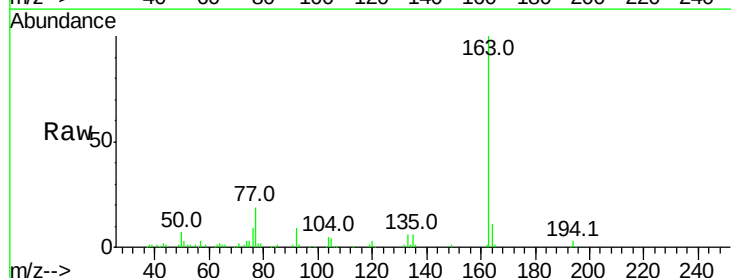
Tgt Ion:165 Resp: 1218

Ion Ratio Lower Upper

165 100

63 119.1 44.7 67.1#

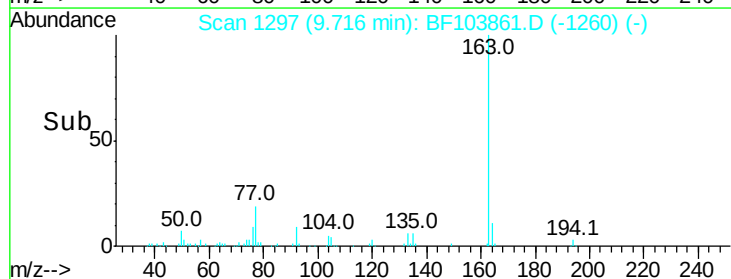
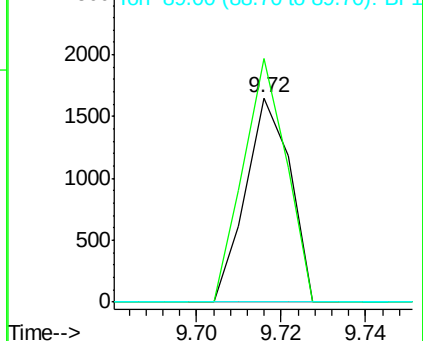
89 0.0 44.0 66.0#

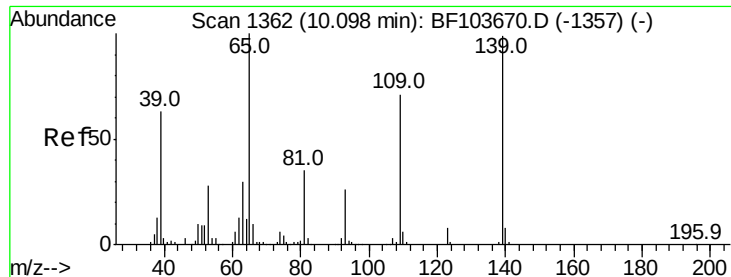


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

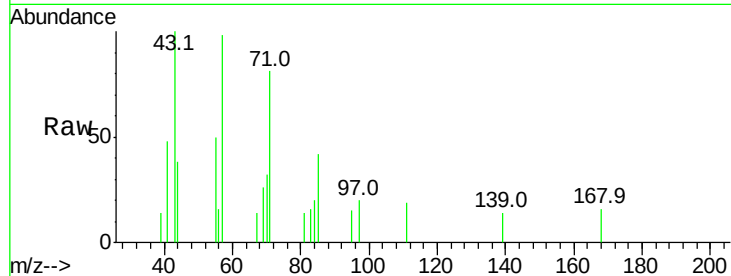
Ion 89.00 (88.70 to 89.70): BF1



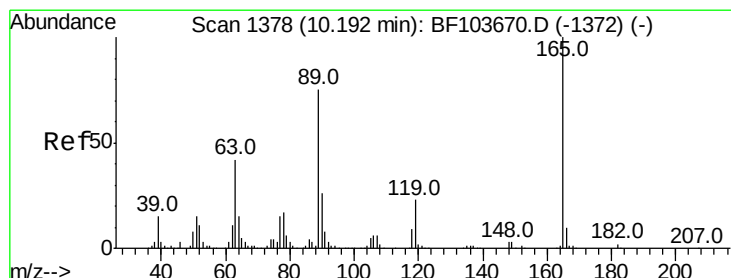
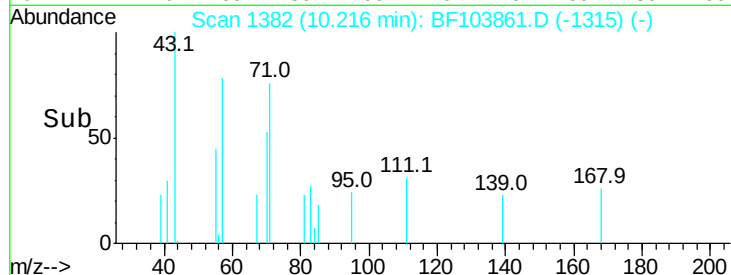
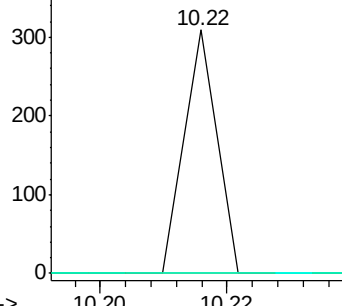


#55
4-Nitrophenol
Concen: 5.002 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.09 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

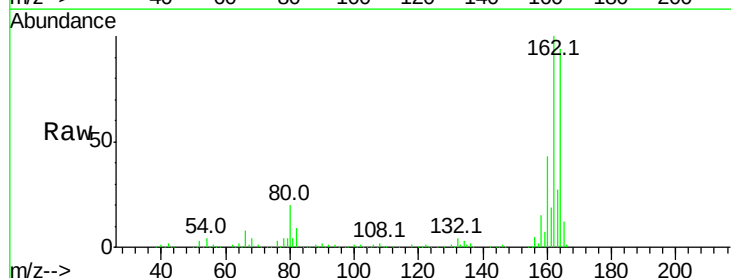


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

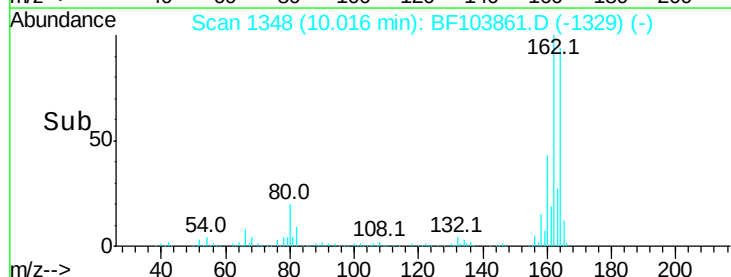
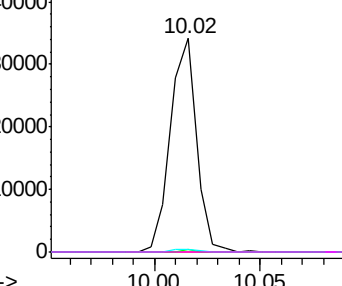


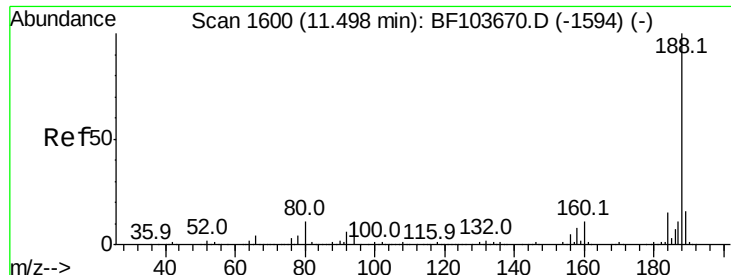
#56
2,4-Dinitrotoluene
Concen: 12.158 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.19 min
Lab File: BF103861.D
Acq: 22 Mar 2018 19:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#



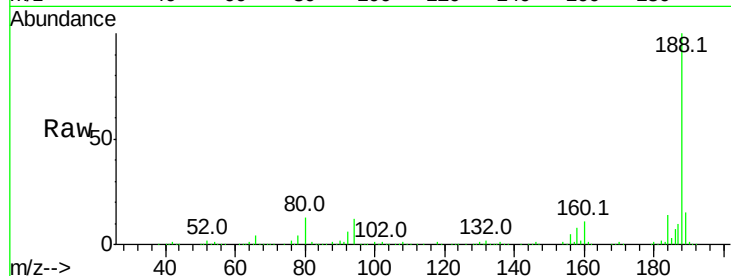
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E





#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

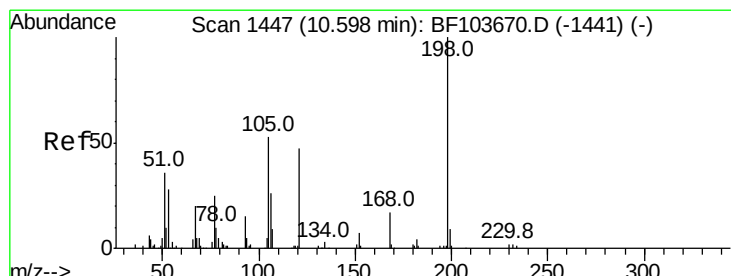
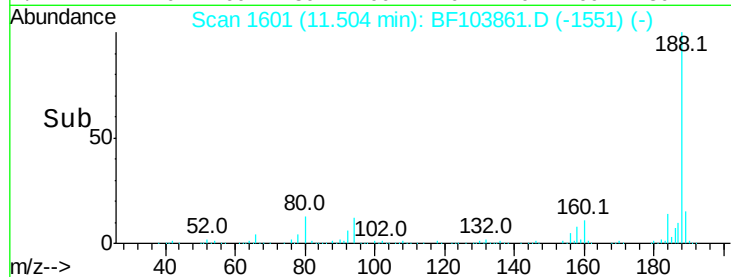
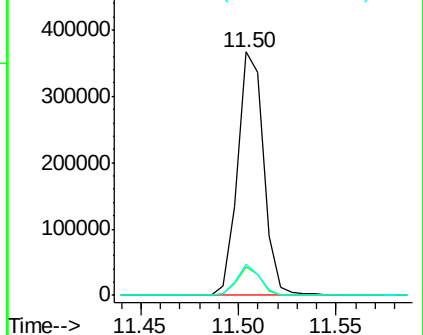
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.5	12.7
80	12.6	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E

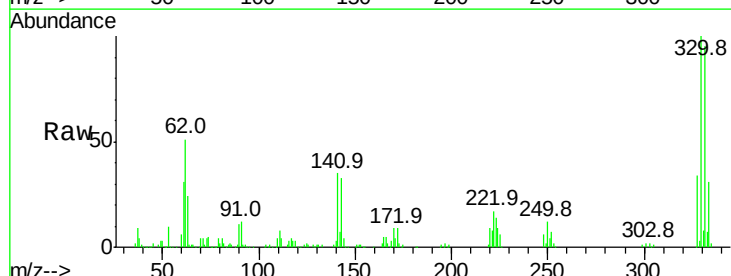
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.445 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.19 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

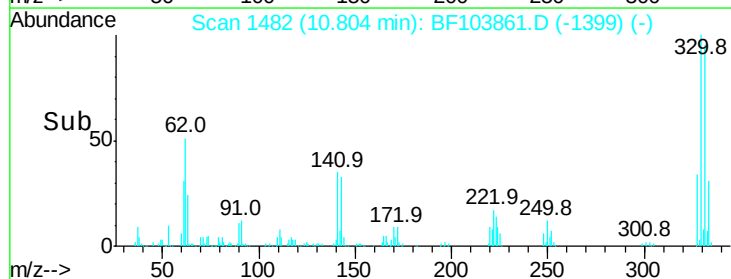
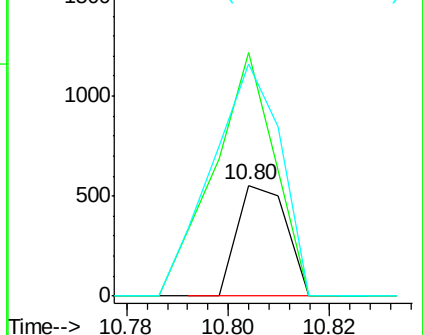
Tgt Ion	Ratio	Lower	Upper
198	100		
51	219.3	37.7	77.7#
105	209.2	36.3	76.3#

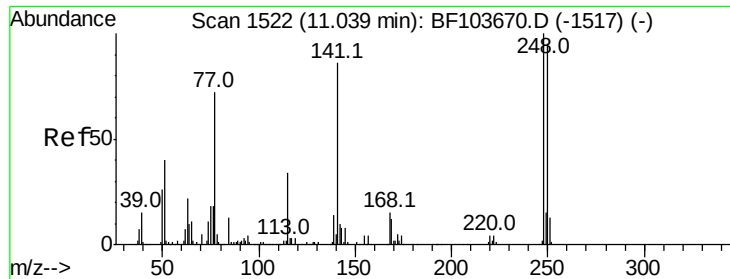


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

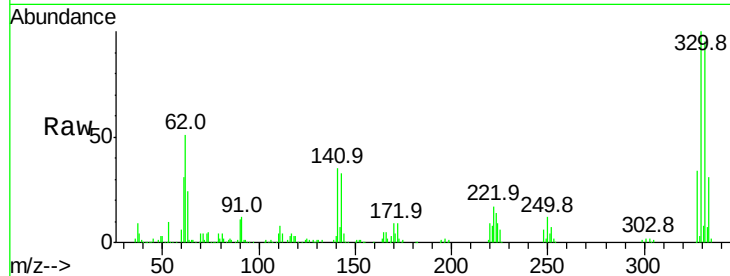
Ion 105.00 (104.70 to 105.70): E



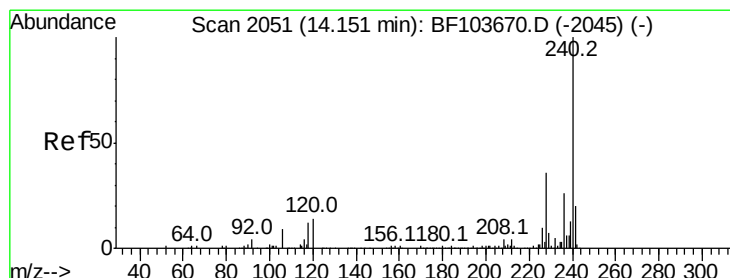
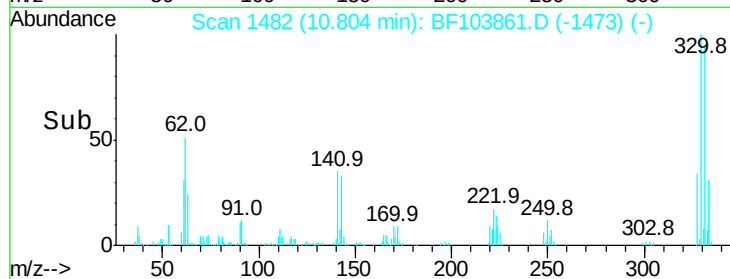
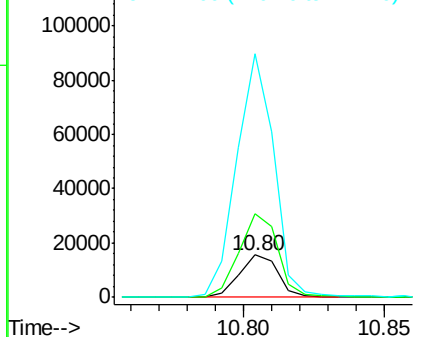


#66
 4-Bromophenyl-phenylether
 Concen: 4.237 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.25 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tot Ion:248 Resp: 14789
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.9 115.3#
 141 573.9 74.4 111.6#

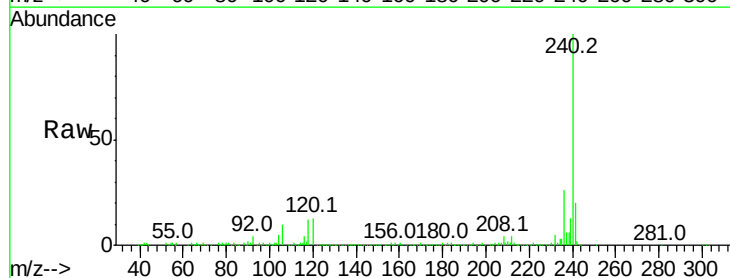


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

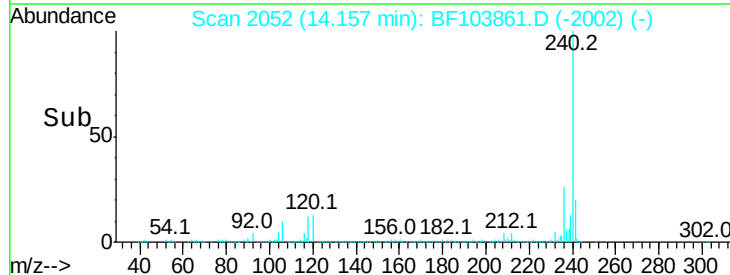
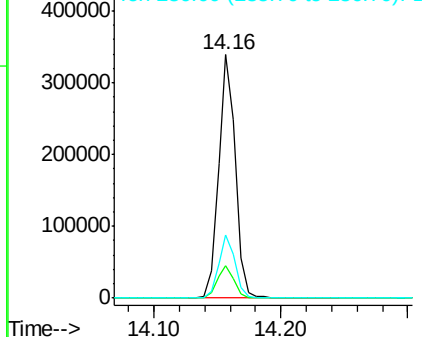


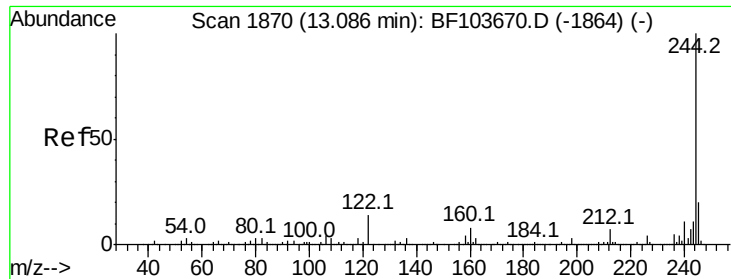
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tgt Ion:240 Resp: 313631
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 26.1 20.7 31.1



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

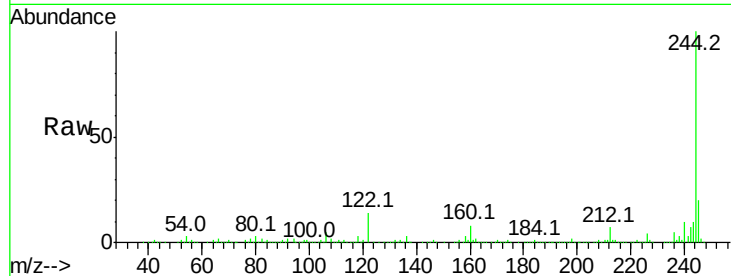




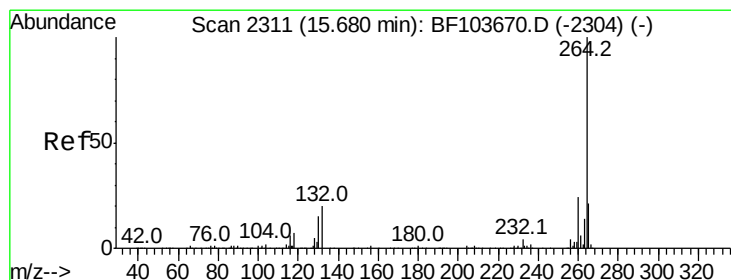
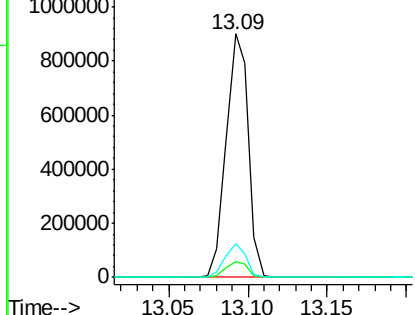
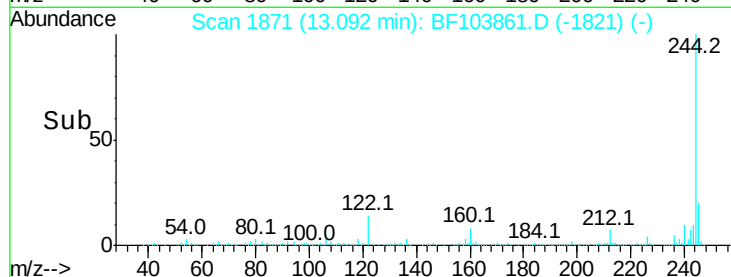
#78
 Terphenyl-d14
 Concen: 64.400 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tot Ion:244 Resp: 870167

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.8	11.0	16.4



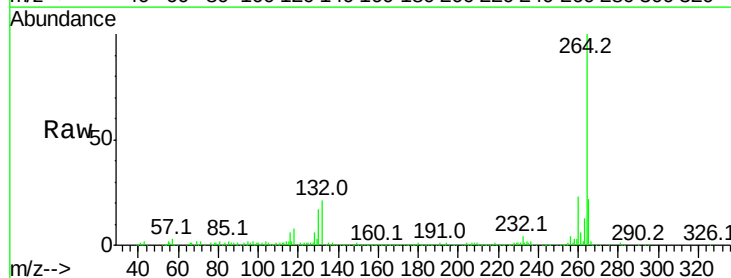
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.00 min
 Lab File: BF103861.D
 Acq: 22 Mar 2018 19:25

Tgt Ion:264 Resp: 250184

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.8	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

