

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037918.D
 Acq On : 9 Nov 2018 13:23
 Operator : JU/SJ
 Sample : J5851-17
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

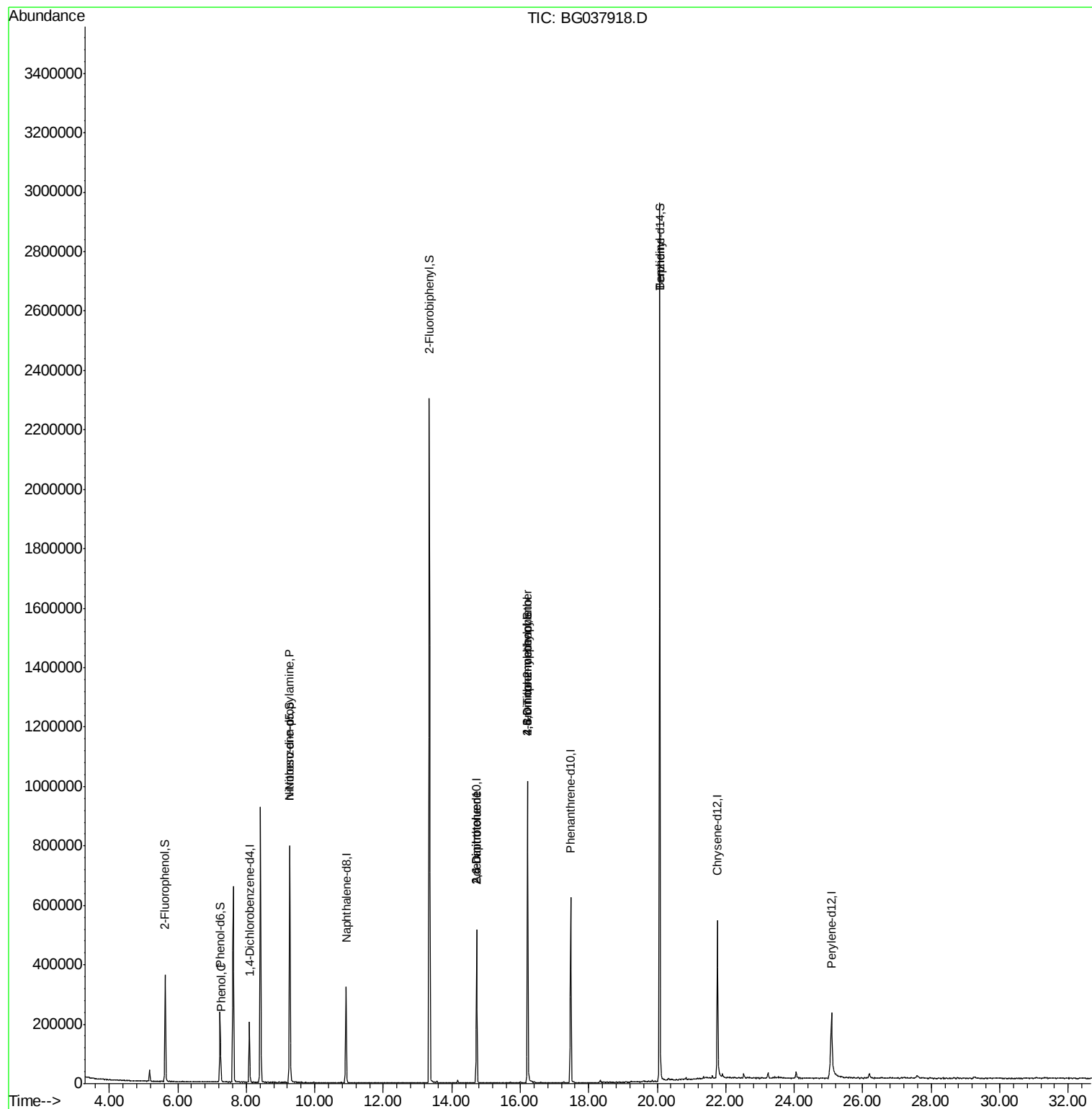
Quant Time: Nov 09 14:46:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61859	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	291890	20.00	ng	-0.01
39) Acenaphthene-d10	14.72	164	188155	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	407522	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	358387	20.00	ng	-0.02
87) Perylene-d12	25.09	264	300195	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	172499	46.62	ng	-0.01
7) Phenol-d6	7.24	99	156010	27.88	ng	-0.01
23) Nitrobenzene-d5	9.27	82	521478	100.08	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	190834	92.99	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1264172	101.32	ng	-0.02
79) Terphenyl-d14	20.07	244	1457734	86.91	ng	-0.01
Target Compounds						
10) Phenol	7.26	94	18645	3.158	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	9.27	70	65695	17.052	ng	# 73
51) 2,6-Dinitrotoluene	14.72	165	24769	7.692	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	24769	5.860	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	548	8.718	ng	81
67) 4-Bromophenyl-phenylether	16.21	248	14034	3.136	ng	# 1
77) Benizidine	20.07	184	24404	2.003	ng	# 96

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

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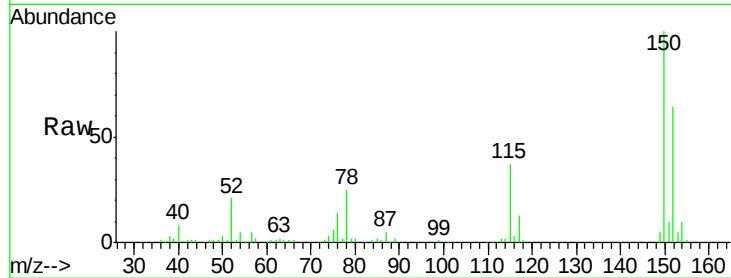
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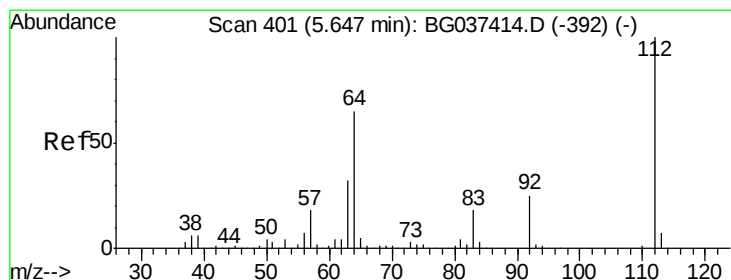
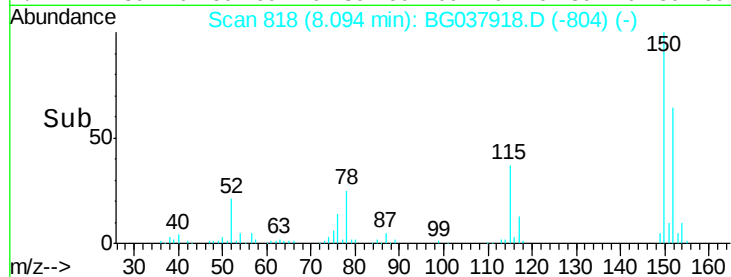
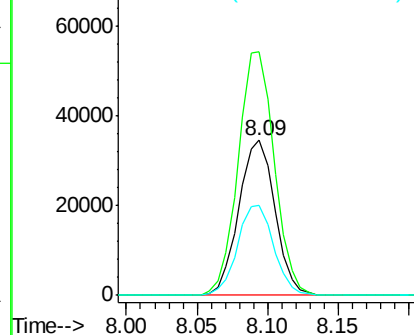


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG037918.D
 Acq: 9 Nov 2018 13:23

Tgt Ion:152 Resp: 61859
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.0 189.0
 115 57.9 45.5 68.3

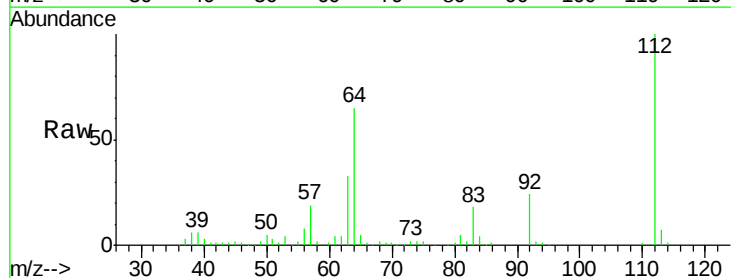


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

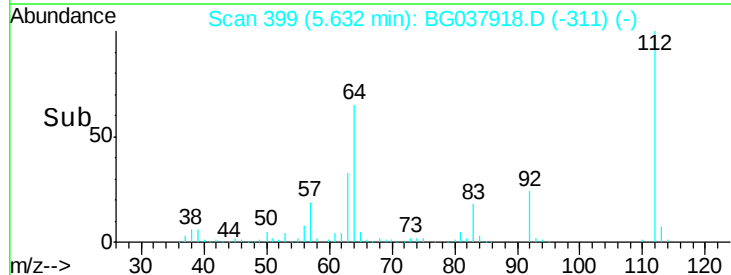
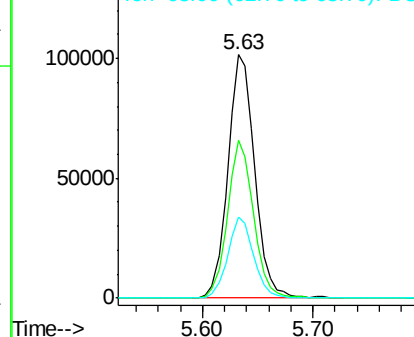


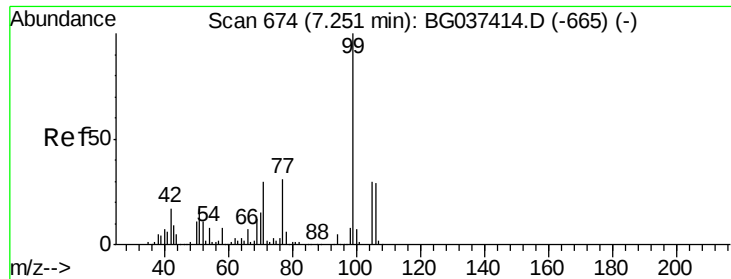
#5
 2-Fluorophenol
 Concen: 46.621 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037918.D
 Acq: 9 Nov 2018 13:23

Tgt Ion:112 Resp: 172499
 Ion Ratio Lower Upper
 112 100
 64 64.9 53.1 79.7
 63 33.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 27.884 ng

RT: 7.24 min Scan# 672

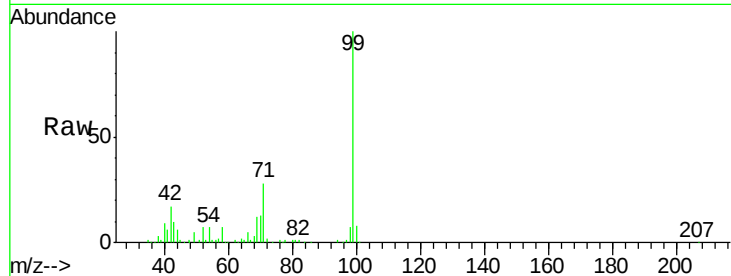
Delta R.T. -0.01 min

Lab File: BG037918.D

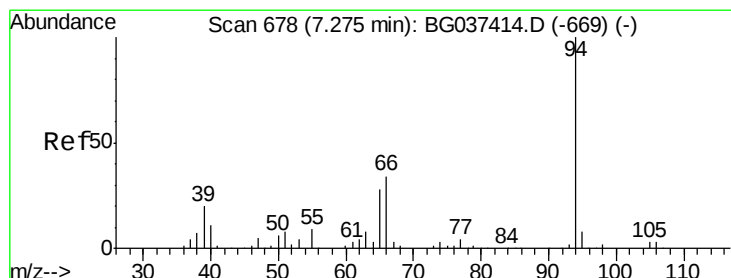
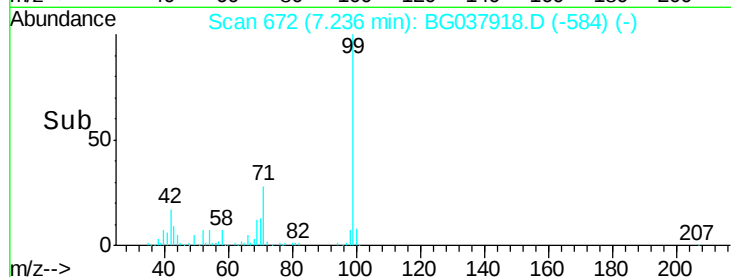
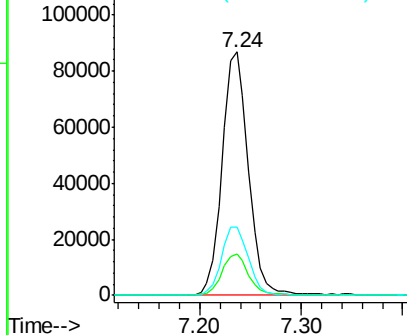
Acq: 9 Nov 2018 13:23

Tgt Ion: 99 Resp: 156010

Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.0	22.4
71	28.2	25.5	38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 3.158 ng

RT: 7.26 min Scan# 676

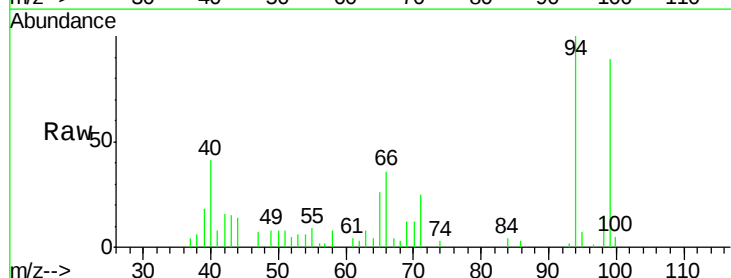
Delta R.T. -0.01 min

Lab File: BG037918.D

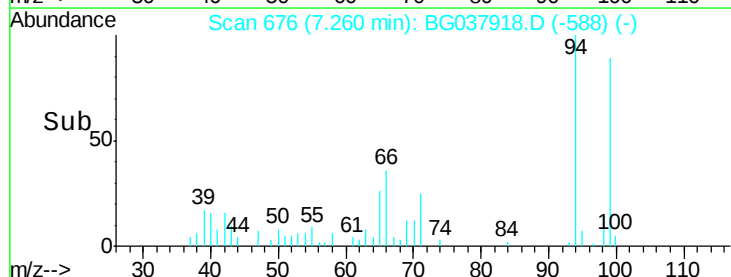
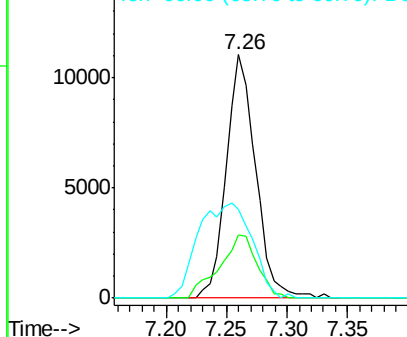
Acq: 9 Nov 2018 13:23

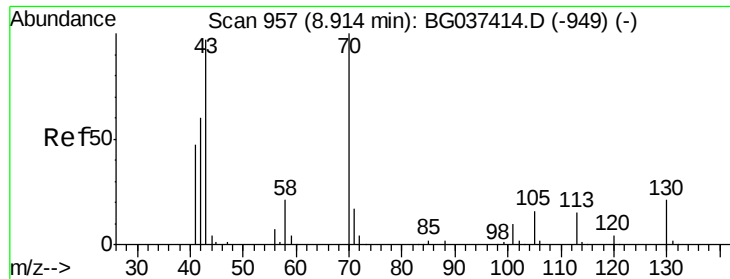
Tgt Ion: 94 Resp: 18645

Ion	Ratio	Lower	Upper
94	100		
65	25.8	9.7	49.7
66	36.4	15.9	55.9



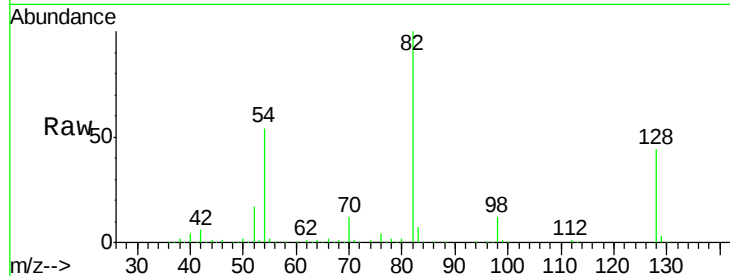
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



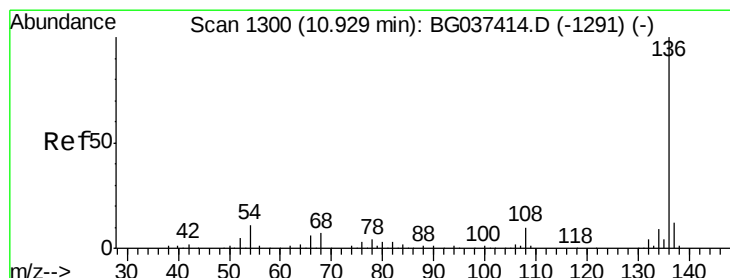
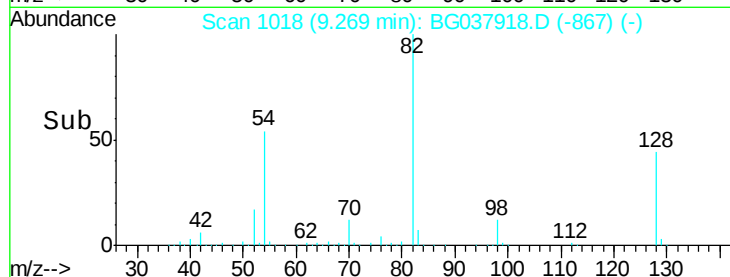
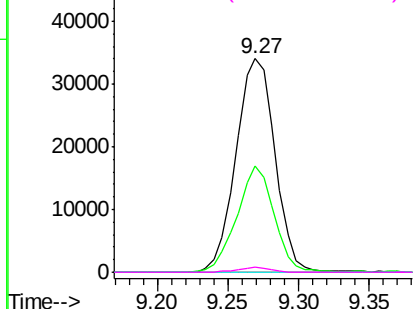


#19
n-Nitroso-di-n-propylamine
Concen: 17.052 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037918.D
Acq: 9 Nov 2018 13:23

Tgt Ion: 70 Resp: 65695
Ion Ratio Lower Upper
70 100
42 49.9 53.9 80.9#
101 0.0 8.2 12.2#
130 2.2 18.2 27.4#

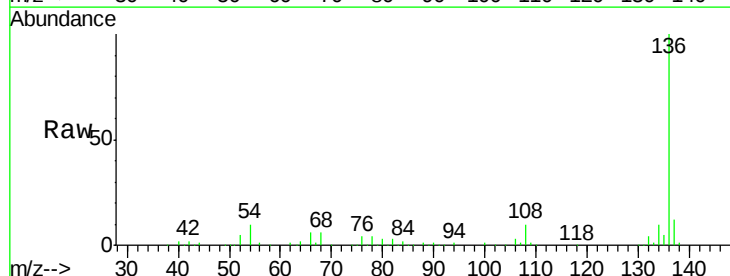


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

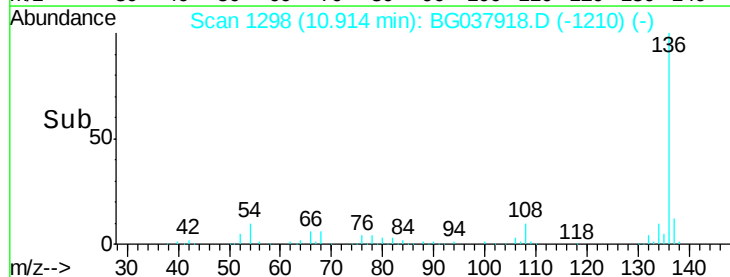
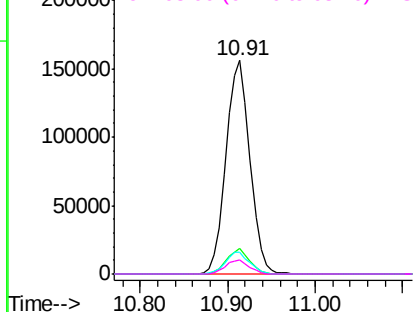


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG037918.D
Acq: 9 Nov 2018 13:23

Tgt Ion: 136 Resp: 291890
Ion Ratio Lower Upper
136 100
137 11.7 9.6 14.4
54 10.2 7.9 11.9
68 6.5 4.8 7.2



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





#23

Nitrobenzene-d5

Concen: 100.081 ng

RT: 9.27 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BG037918.D

Acq: 9 Nov 2018 13:23

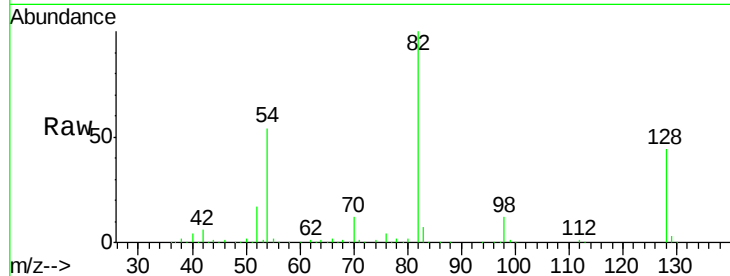
Tgt Ion: 82 Resp: 521478

Ion Ratio Lower Upper

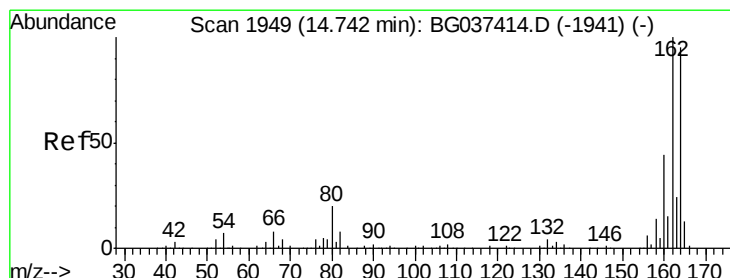
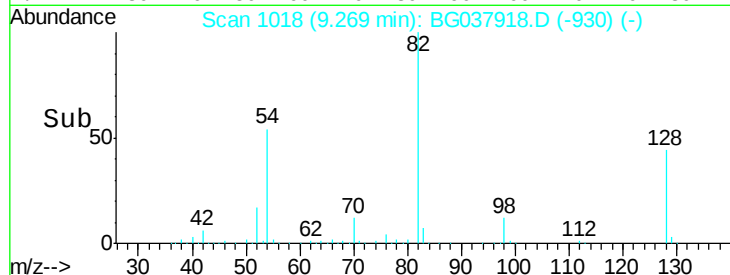
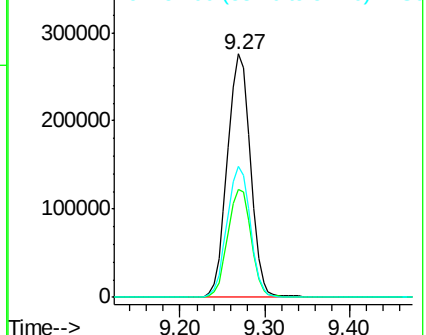
82 100

128 44.3 34.6 51.8

54 54.0 45.3 67.9



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037918.D

Acq: 9 Nov 2018 13:23

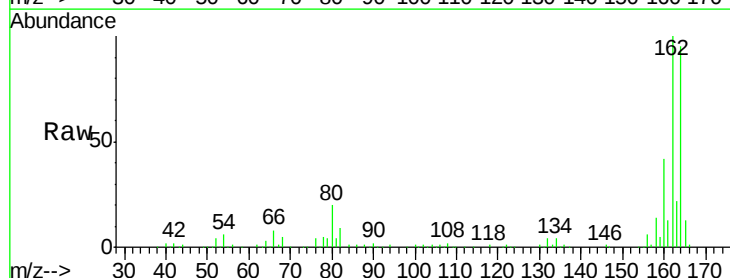
Tgt Ion: 164 Resp: 188155

Ion Ratio Lower Upper

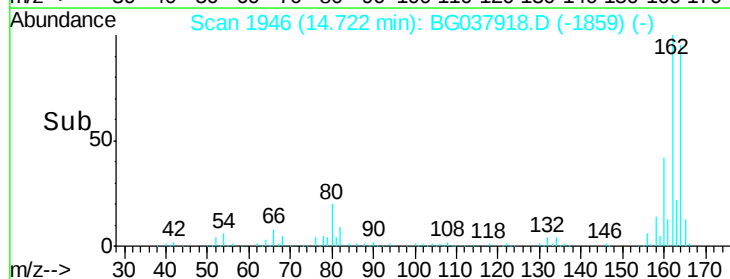
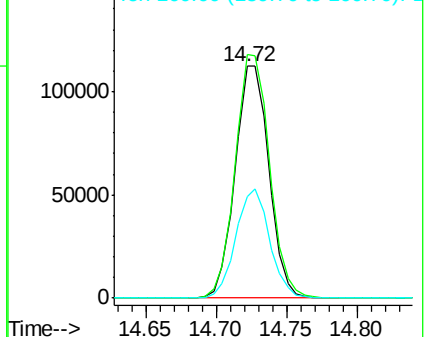
164 100

162 105.1 81.3 121.9

160 43.8 36.3 54.5



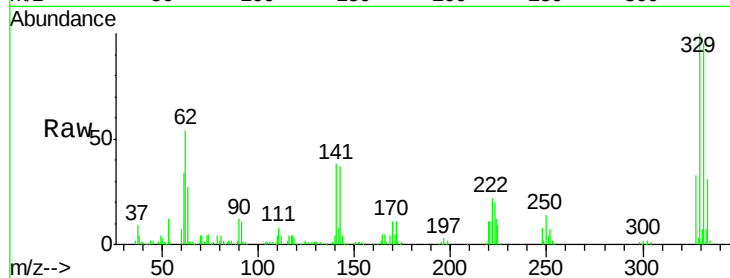
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



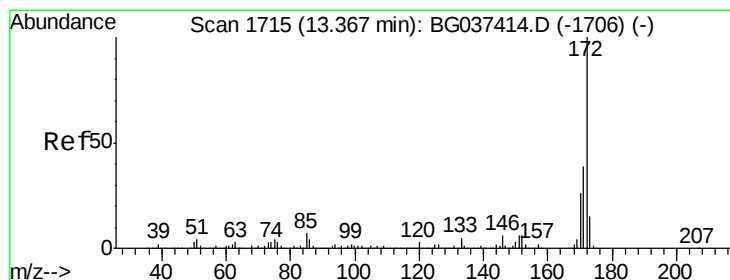
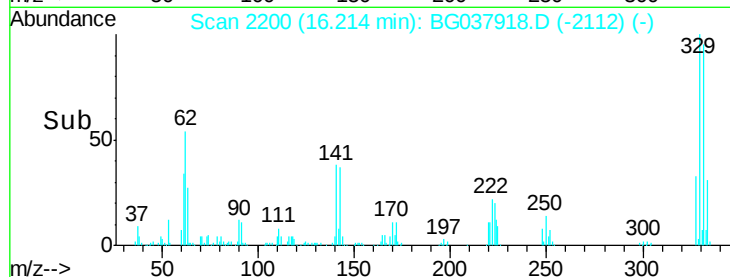
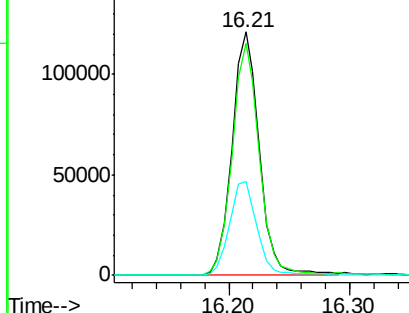


#42
 2,4,6-Tribromophenol
 Concen: 92.991 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037918.D
 Acq: 9 Nov 2018 13:23

Tgt Ion: 330 Resp: 190834
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.4 117.6
 141 39.1 32.2 48.2

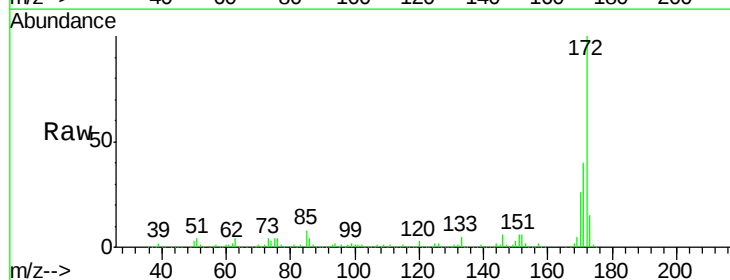


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

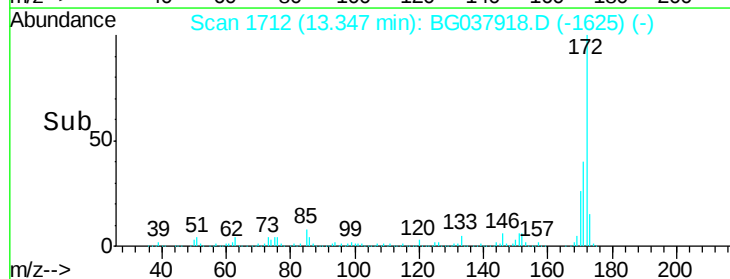
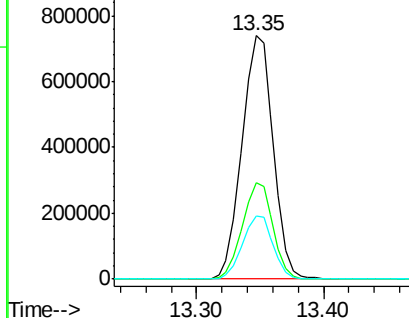


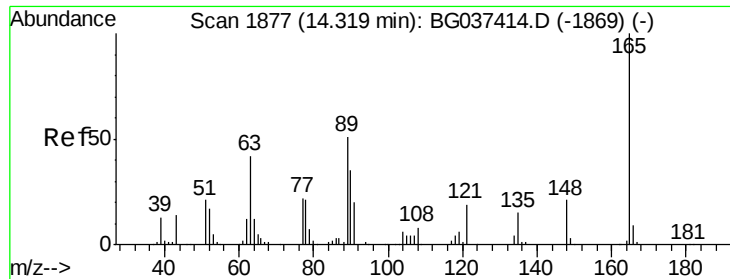
#45
 2-Fluorobiphenyl
 Concen: 101.315 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037918.D
 Acq: 9 Nov 2018 13:23

Tgt Ion: 172 Resp: 1264172
 Ion Ratio Lower Upper
 172 100
 171 39.7 31.0 46.4
 170 26.1 20.2 30.2



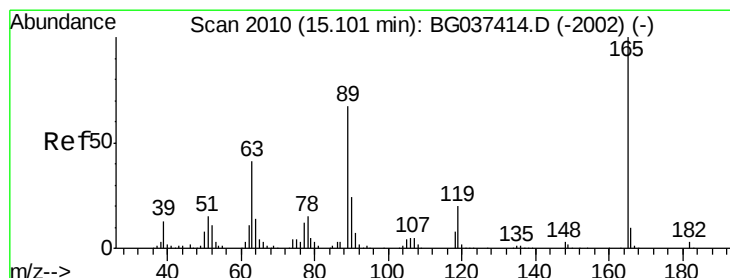
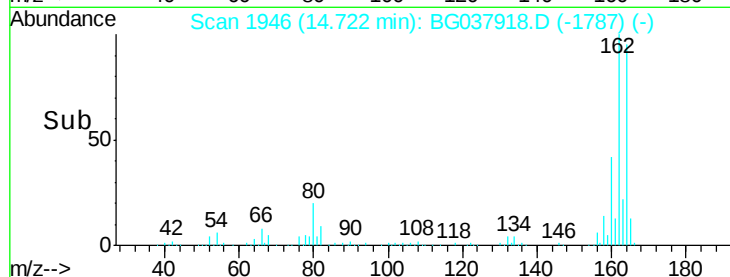
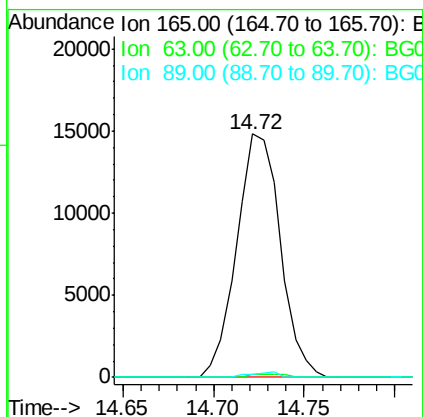
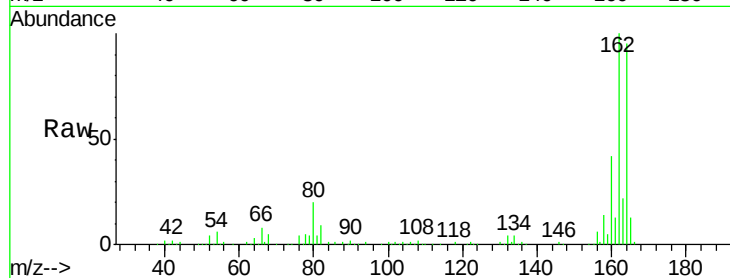
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





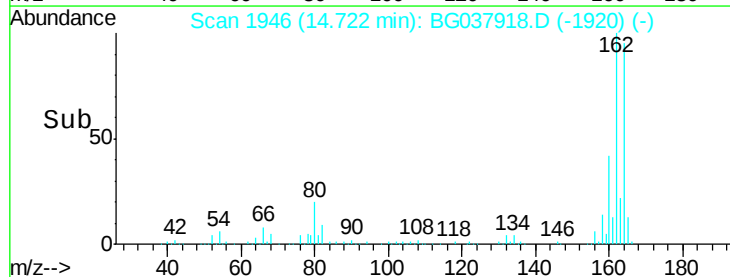
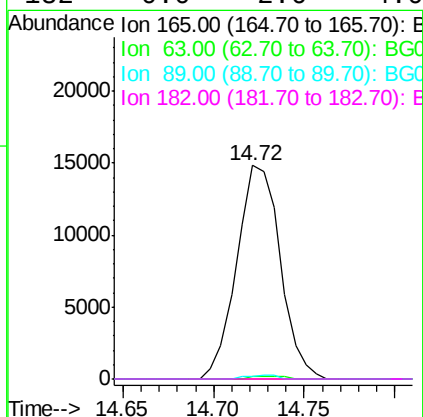
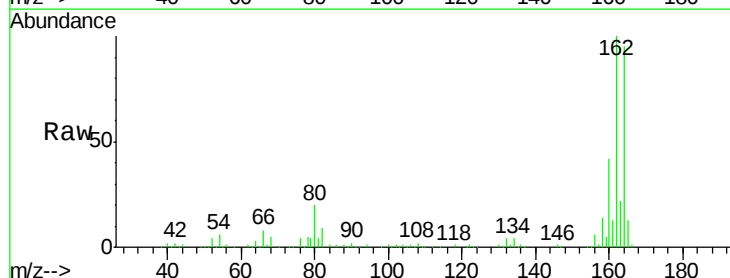
#51
 2,6-Dinitrotoluene
 Concen: 7.692 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. 0.40 min
 Lab File: BG037918.D
 Acq: 9 Nov 2018 13:23

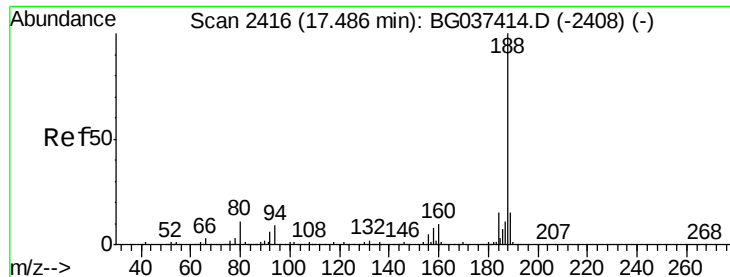
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.2#
89	1.0	45.8	68.6#



#57
 2,4-Dinitrotoluene
 Concen: 5.860 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037918.D
 Acq: 9 Nov 2018 13:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	33.4	50.0#
89	1.0	57.2	85.8#
182	0.0	2.6	4.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037918.D

Acq: 9 Nov 2018 13:23

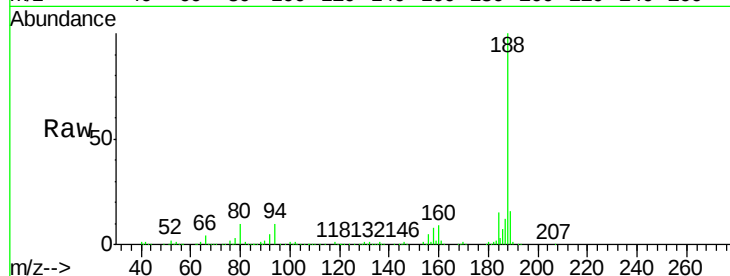
Tgt Ion:188 Resp: 407522

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

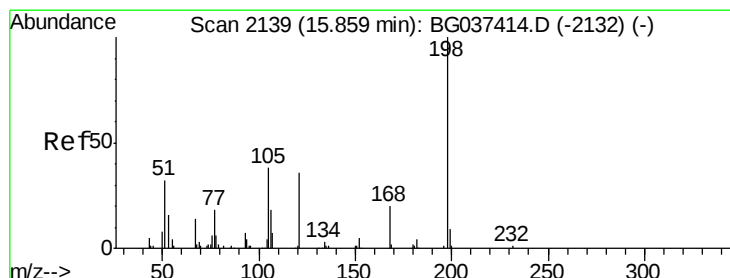
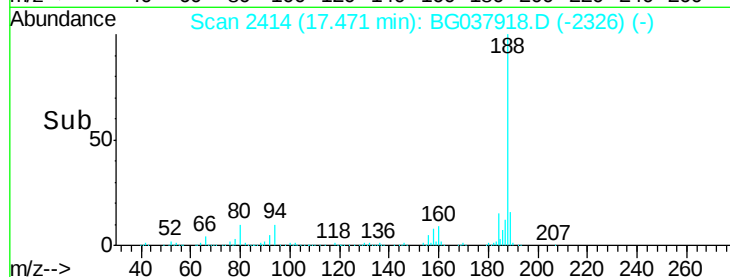
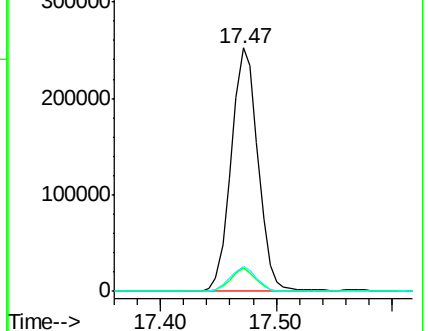
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

4,6-Dinitro-2-methylphenol

Concen: 8.718 ng

RT: 16.21 min Scan# 2200

Delta R.T. 0.36 min

Lab File: BG037918.D

Acq: 9 Nov 2018 13:23

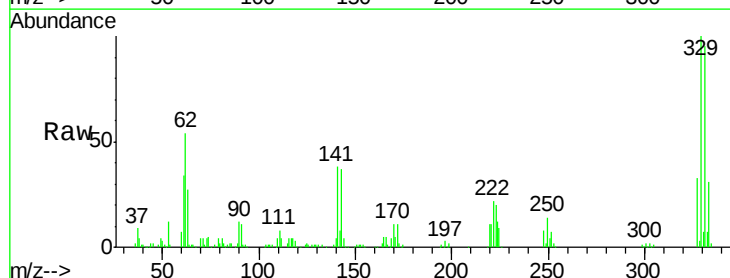
Tgt Ion:198 Resp: 548

Ion Ratio Lower Upper

198 100

51 27.8 22.7 62.7

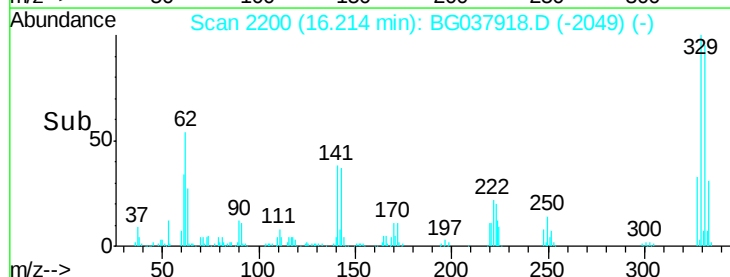
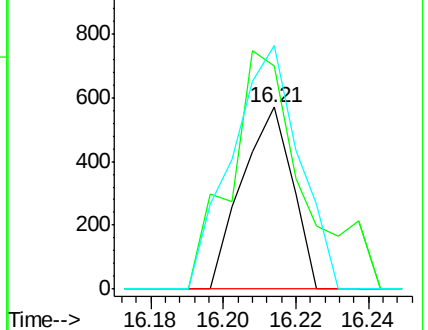
105 30.3 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.136 ng

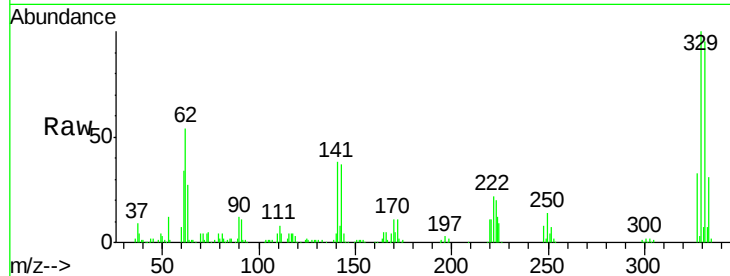
RT: 16.21 min Scan# 2200

Delta R.T. -0.46 min

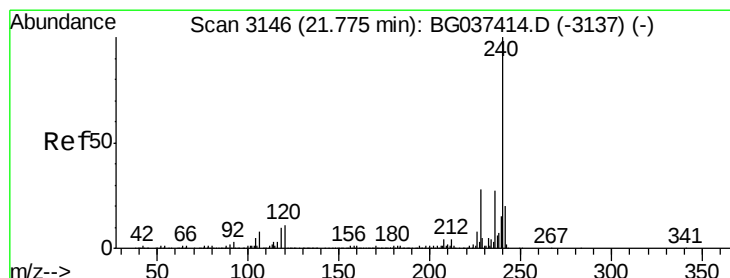
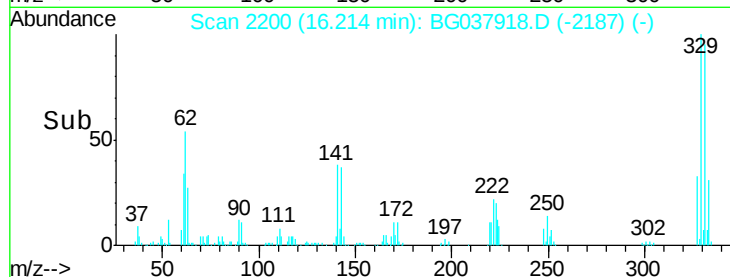
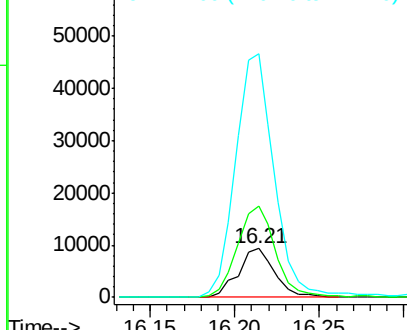
Lab File: BG037918.D

Acq: 9 Nov 2018 13:23

Tgt Ion:	248	Resp:	14034
Ion	Ratio	Lower	Upper
248	100		
250	189.7	77.0	115.6#
141	388.4	55.5	83.3#



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



#76

Chrysene-d12

Concen: 20.000 ng

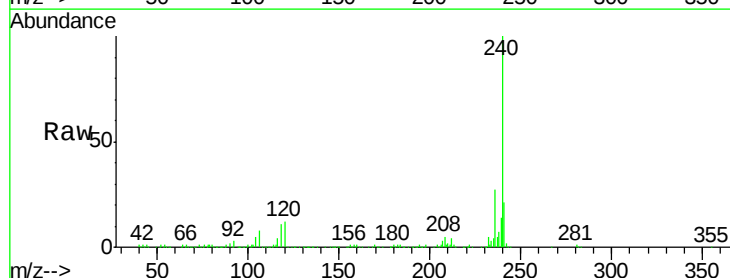
RT: 21.75 min Scan# 3143

Delta R.T. -0.02 min

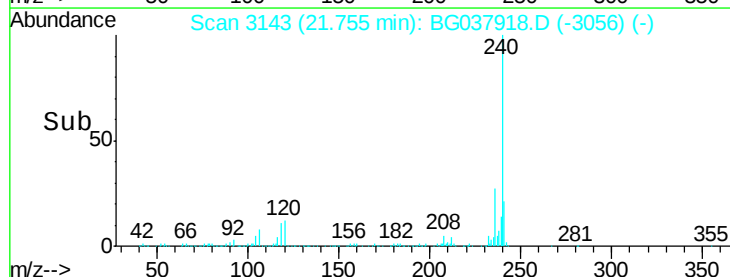
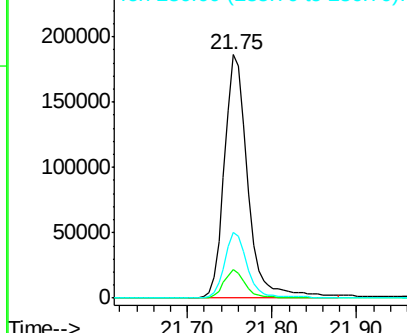
Lab File: BG037918.D

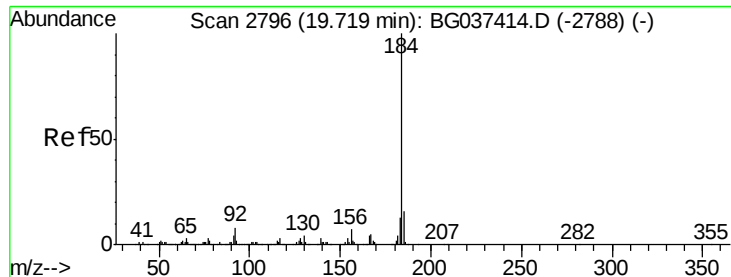
Acq: 9 Nov 2018 13:23

Tgt Ion:	240	Resp:	358387
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	27.1	21.4	32.0



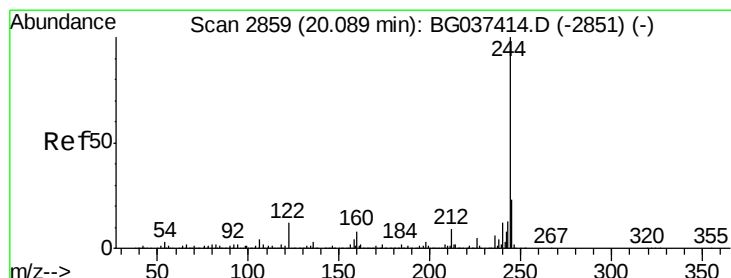
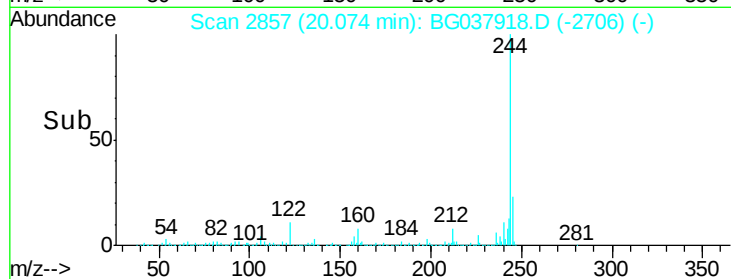
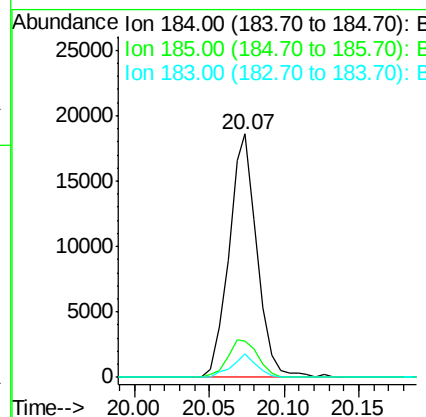
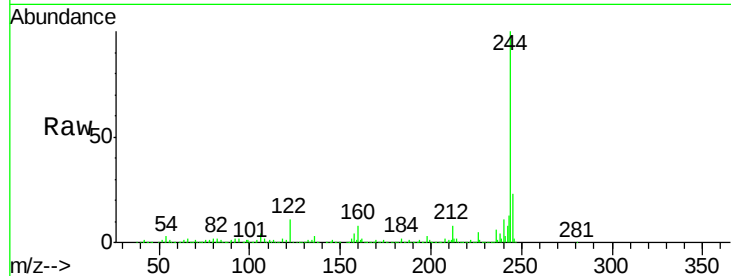
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





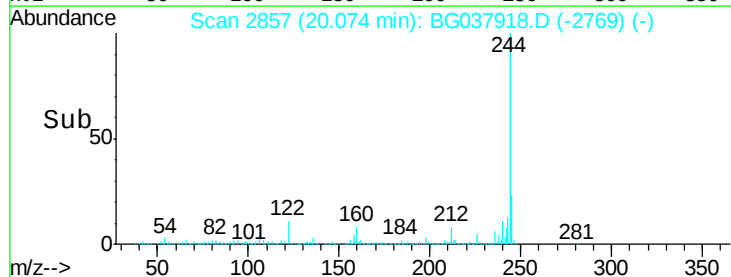
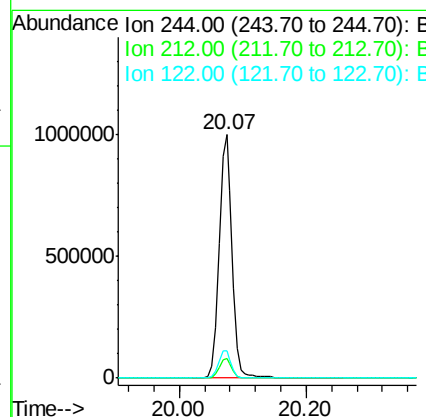
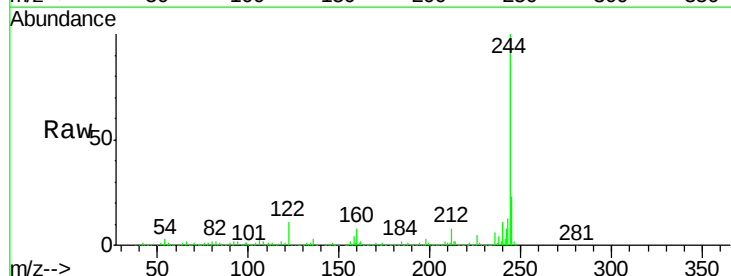
#77
Benzidine
Concen: 2.003 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.36 min
Lab File: BG037918.D
Acq: 9 Nov 2018 13:23

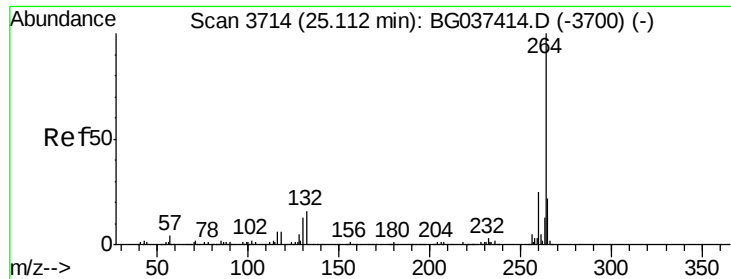
Tgt Ion:184 Resp: 24404
Ion Ratio Lower Upper
184 100
185 15.1 12.6 18.8
183 9.6 10.2 15.2#



#79
Terphenyl-d14
Concen: 86.913 ng
RT: 20.07 min Scan# 2857
Delta R.T. -0.01 min
Lab File: BG037918.D
Acq: 9 Nov 2018 13:23

Tgt Ion:244 Resp: 1457734
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 11.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037918.D
Acq: 9 Nov 2018 13:23

Tgt Ion:	264	Resp:	300195
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	21.2	17.9	26.9

