

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037914.D
 Acq On : 9 Nov 2018 10:48
 Operator : JU/SJ
 Sample : J5851-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

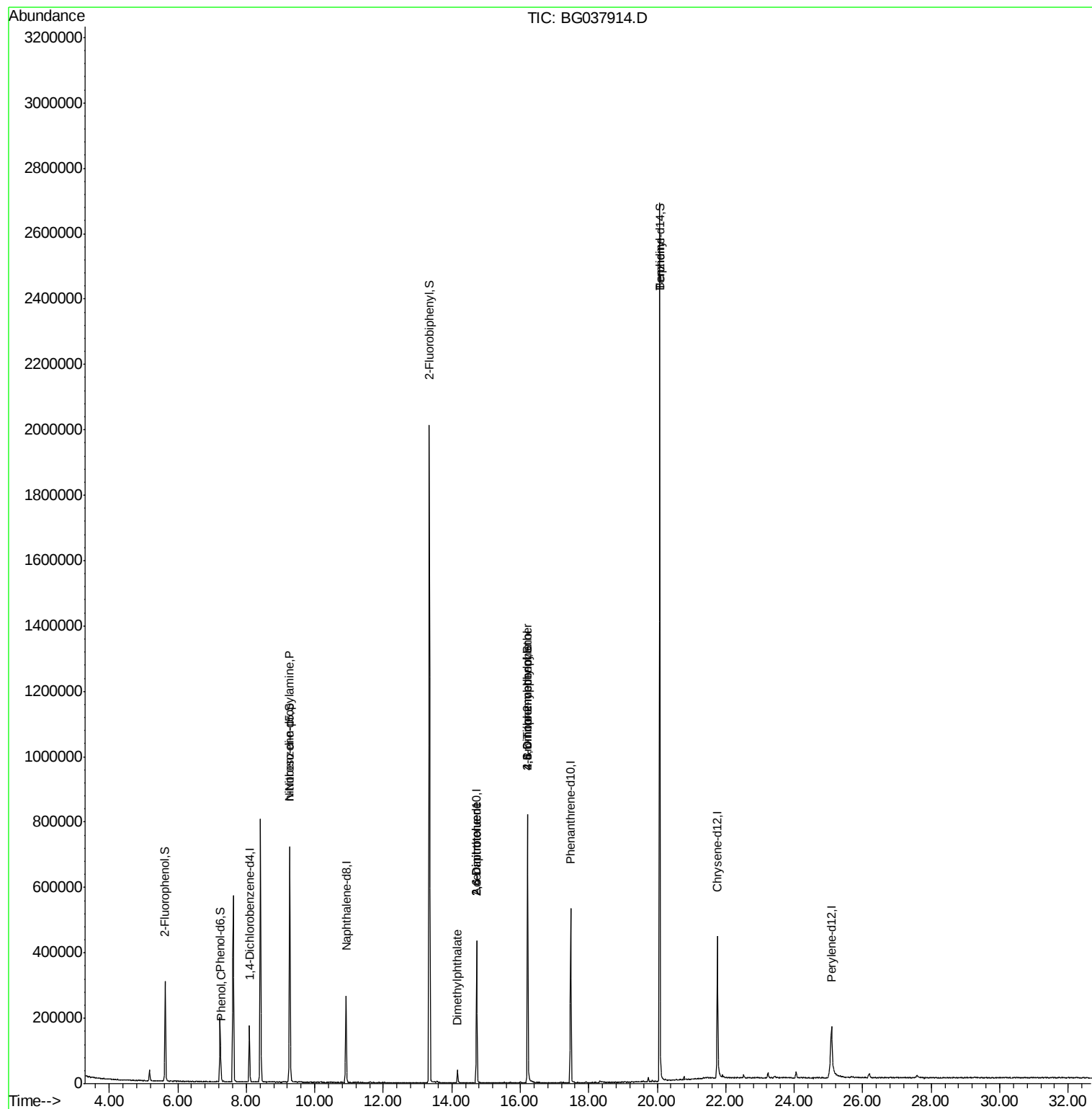
Quant Time: Nov 09 14:45:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	51503	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	244921	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	158632	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	345798	20.00	ng	-0.02
76) Chrysene-d12	21.75	240	302831	20.00	ng	-0.02
87) Perylene-d12	25.09	264	253254	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	146390	47.52	ng	-0.02
7) Phenol-d6	7.24	99	130988	28.12	ng	-0.02
23) Nitrobenzene-d5	9.27	82	453896	103.82	ng	-0.02
42) 2,4,6-Tribromophenol	16.21	330	155075	89.63	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	1113255	105.83	ng	-0.02
79) Terphenyl-d14	20.07	244	1312551	92.61	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.27	94	15562	3.166	ng	88
19) n-Nitroso-di-n-propylamine	9.27	70	57036	17.781	ng	# 73
50) Dimethylphthalate	14.17	163	28024	2.284	ng	100
51) 2,6-Dinitrotoluene	14.72	165	20422	7.522	ng	# 27
57) 2,4-Dinitrotoluene	14.72	165	20422	5.731	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	487	8.728	ng	# 75
67) 4-Bromophenyl-phenylether	16.21	248	11276	2.969	ng	# 1
77) Benzidine	20.07	184	21589	2.097	ng	# 93

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

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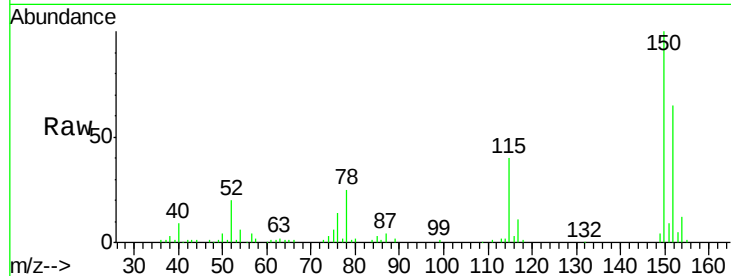




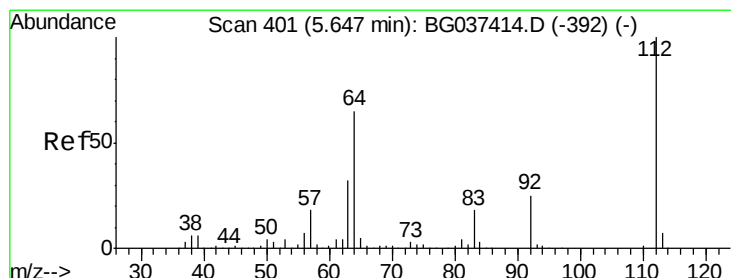
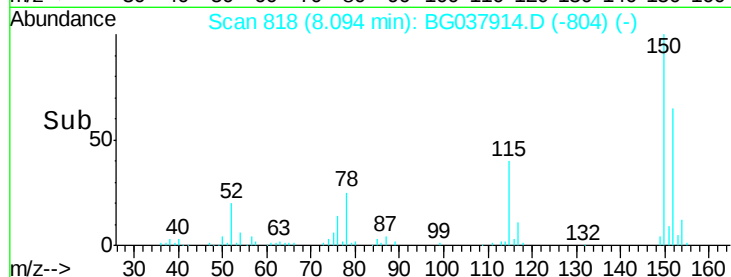
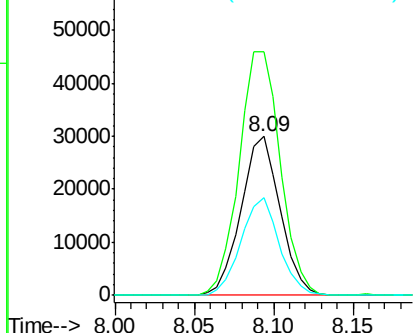
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

Tgt Ion:152 Resp: 51503
Ion Ratio Lower Upper
152 100
150 153.1 126.0 189.0
115 61.0 45.5 68.3



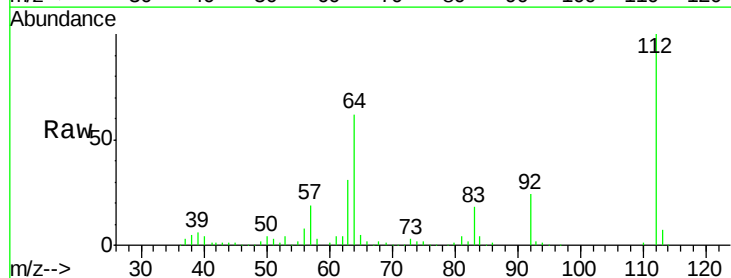
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



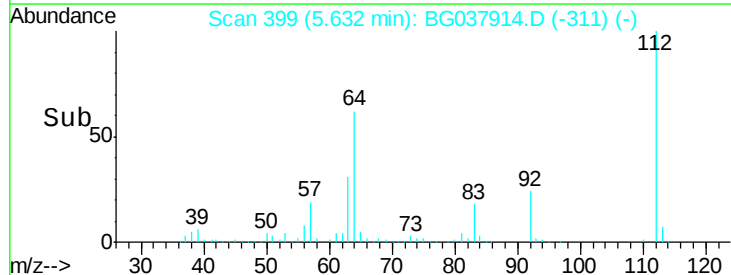
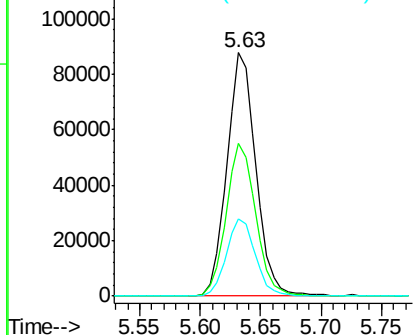
#5

2-Fluorophenol
Concen: 47.520 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.02 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

Tgt Ion:112 Resp: 146390
Ion Ratio Lower Upper
112 100
64 62.5 53.1 79.7
63 31.5 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: 28.120 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG037914.D

Acq: 9 Nov 2018 10:48

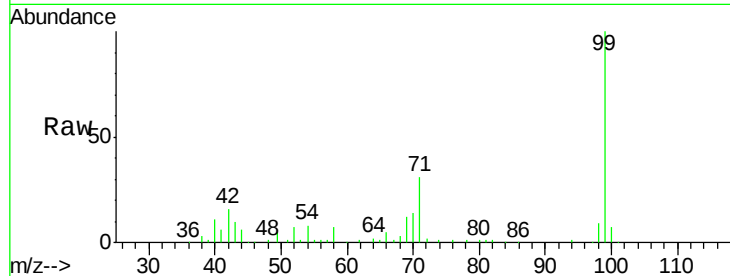
Tgt Ion: 99 Resp: 130988

Ion Ratio Lower Upper

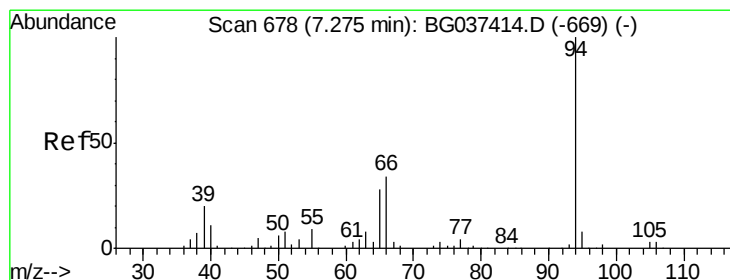
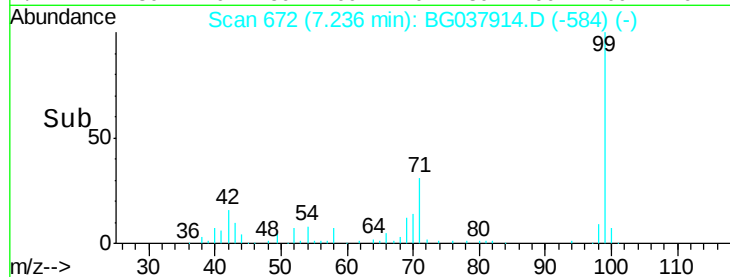
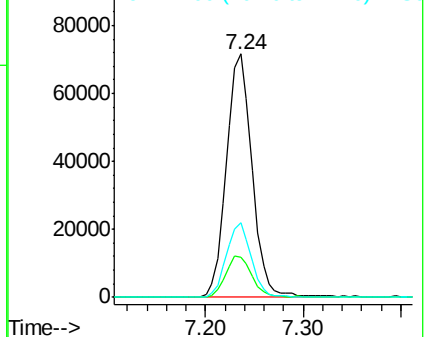
99 100

42 16.4 15.0 22.4

71 30.8 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: 3.166 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037914.D

Acq: 9 Nov 2018 10:48

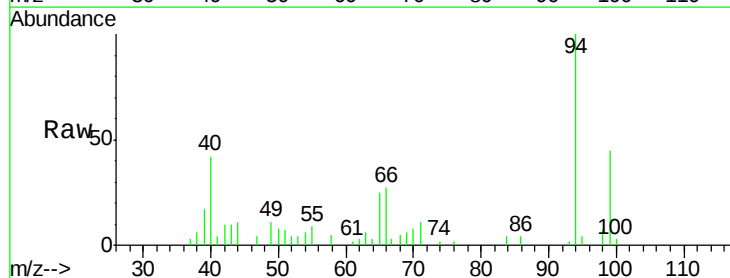
Tgt Ion: 94 Resp: 15562

Ion Ratio Lower Upper

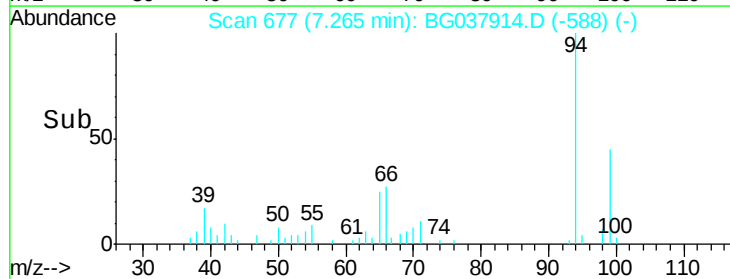
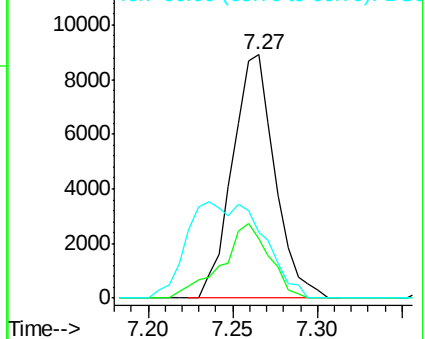
94 100

65 24.6 9.7 49.7

66 27.2 15.9 55.9



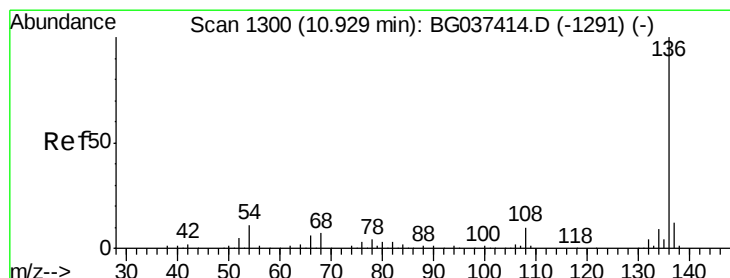
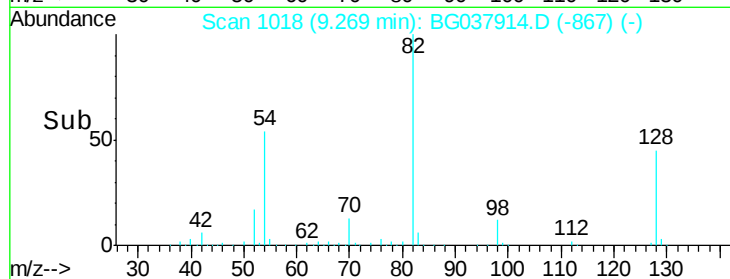
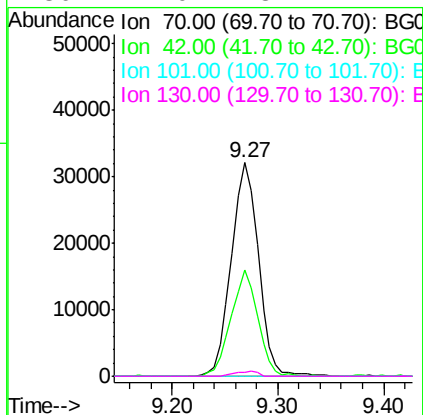
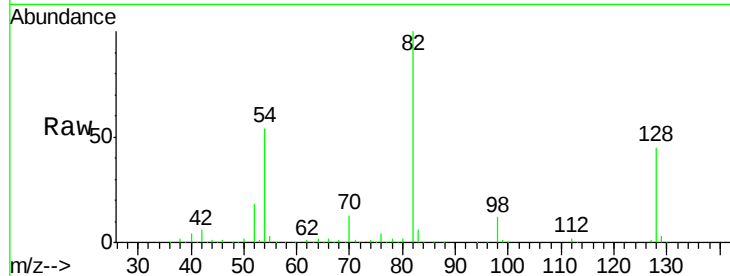
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





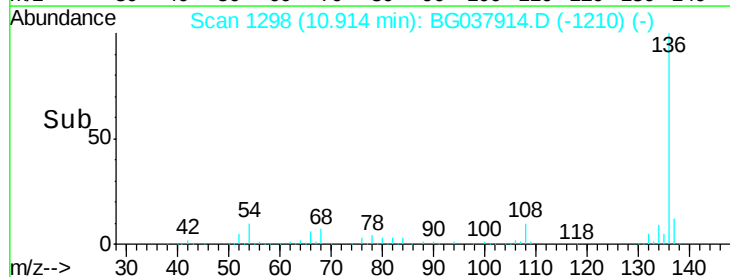
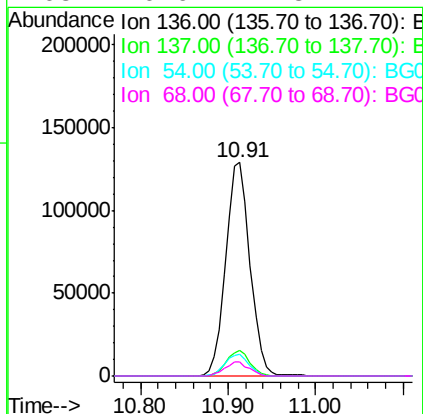
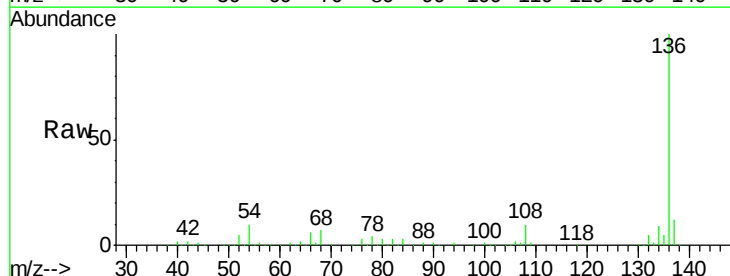
#19
n-Nitroso-di-n-propylamine
Concen: 17.781 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.35 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

Tgt Ion: 70 Resp: 57036
Ion Ratio Lower Upper
70 100
42 49.7 53.9 80.9#
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

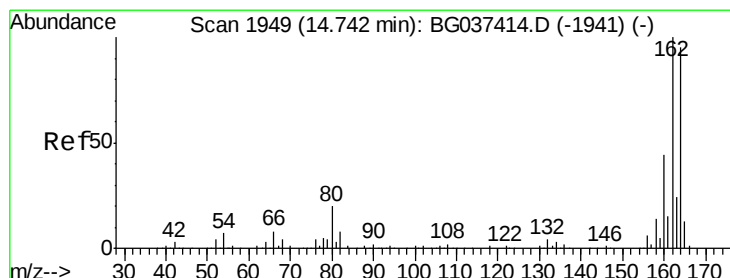
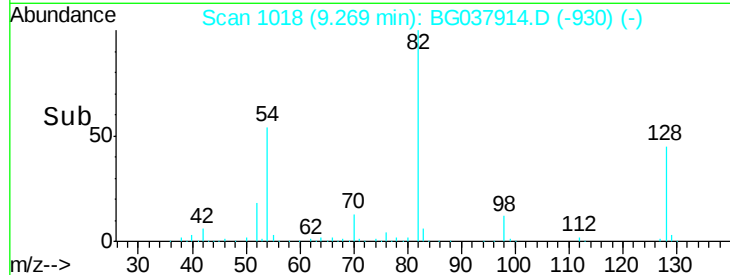
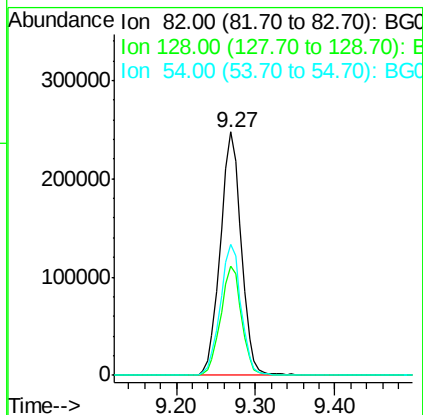
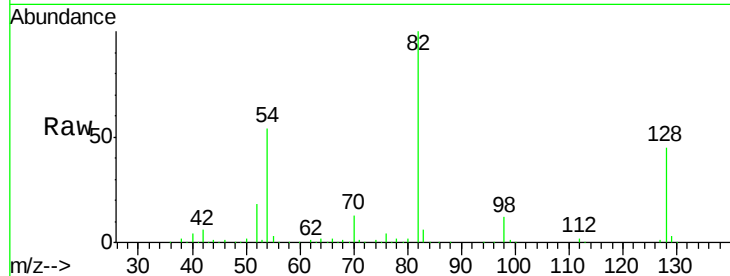
Tgt Ion: 136 Resp: 244921
Ion Ratio Lower Upper
136 100
137 11.8 9.6 14.4
54 10.0 7.9 11.9
68 6.6 4.8 7.2





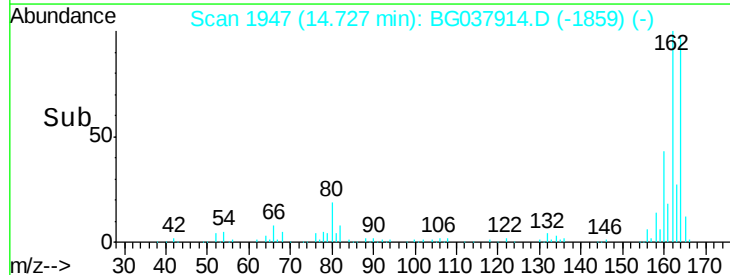
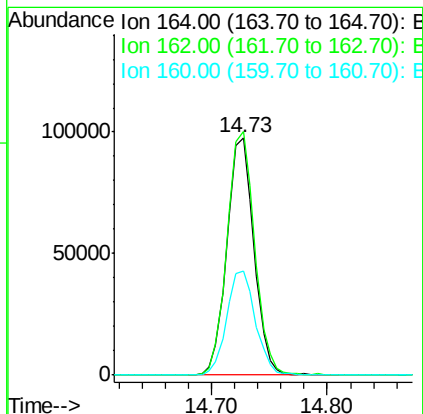
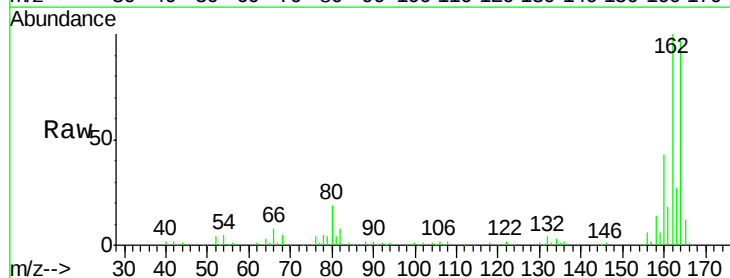
#23
 Nitrobenzene-d5
 Concen: 103.816 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

Tgt Ion: 82 Resp: 453896
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.6 51.8
 54 54.0 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

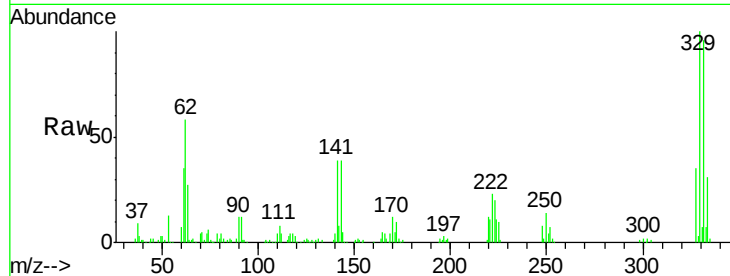
Tgt Ion: 164 Resp: 158632
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.3 121.9
 160 43.8 36.3 54.5



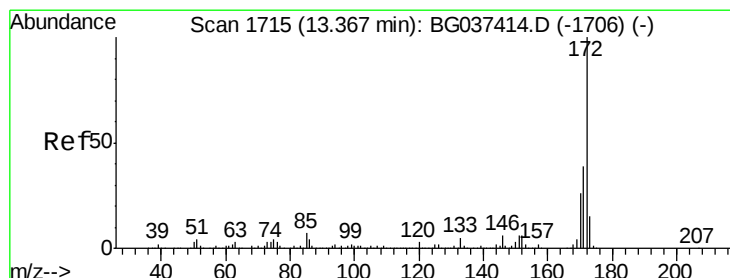
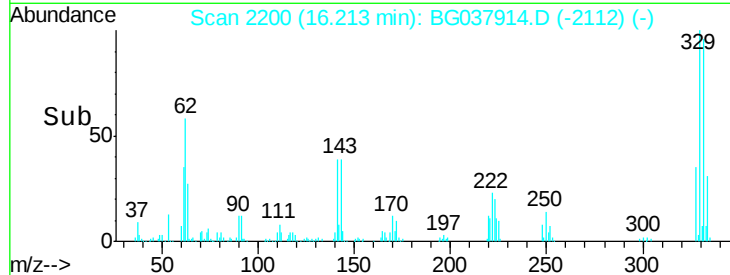
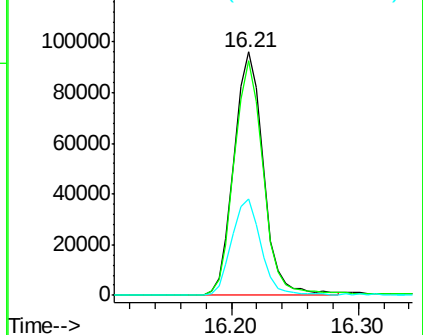


#42
 2,4,6-Tribromophenol
 Concen: 89.629 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

Tgt Ion: 330 Resp: 155075
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.4 117.6
 141 39.4 32.2 48.2

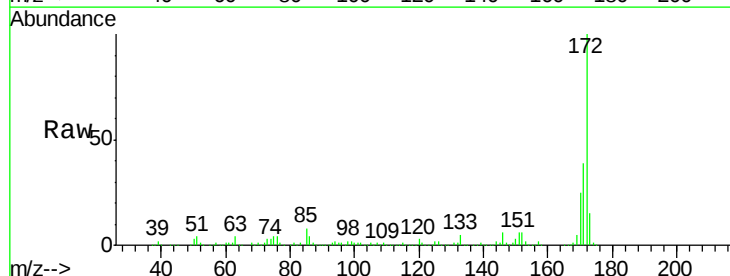


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

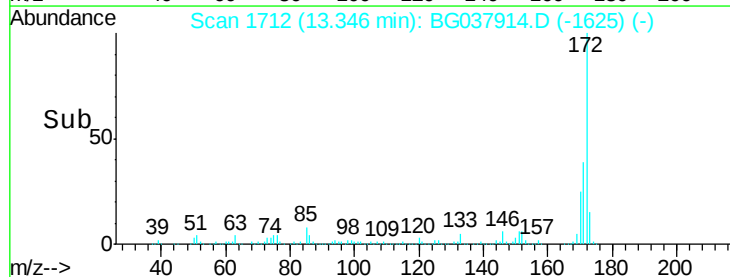
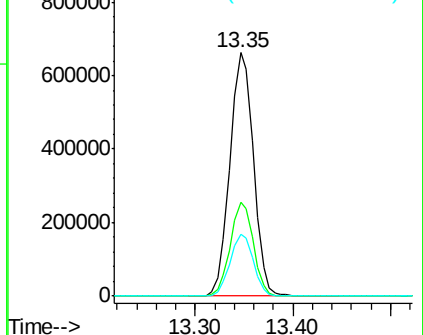


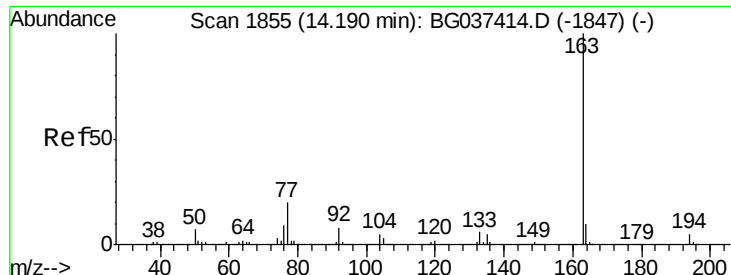
#45
 2-Fluorobiphenyl
 Concen: 105.825 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

Tgt Ion: 172 Resp: 1113255
 Ion Ratio Lower Upper
 172 100
 171 38.6 31.0 46.4
 170 25.5 20.2 30.2



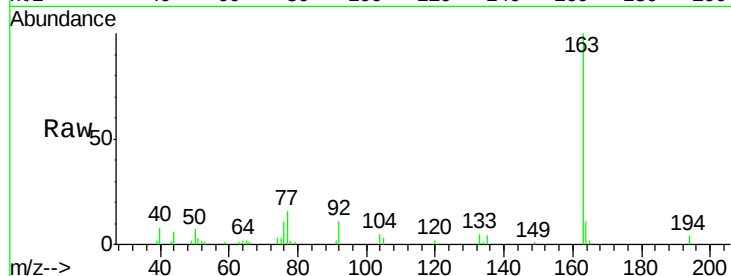
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



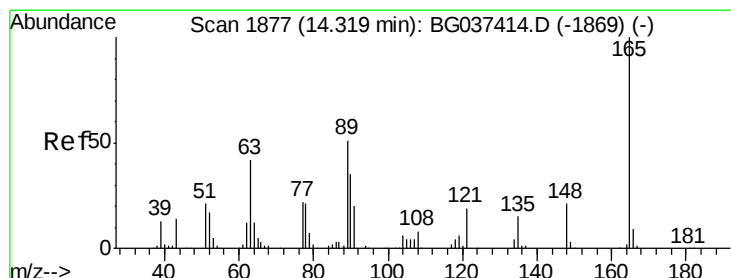
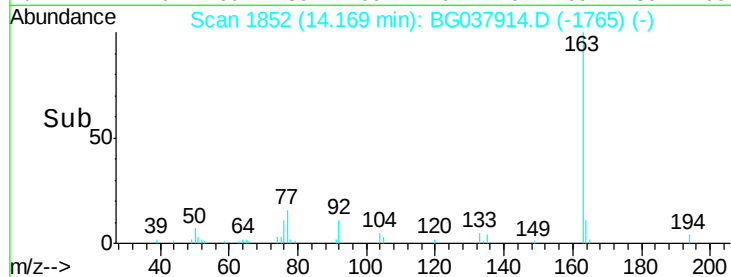
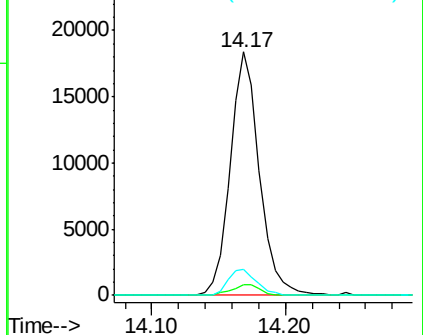


#50
Dimethylphthalate
Concen: 2.284 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

Tgt Ion:163 Resp: 28024
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.6 8.5 12.7

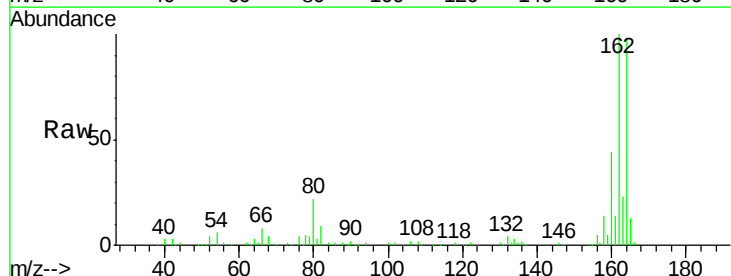


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

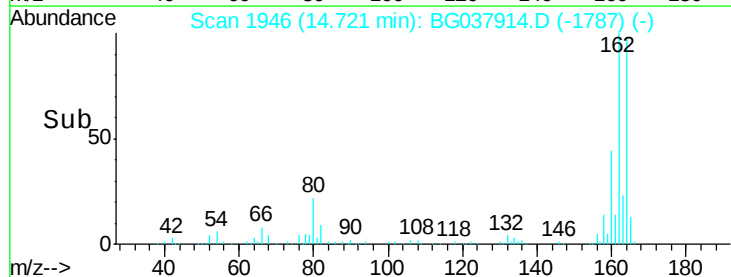
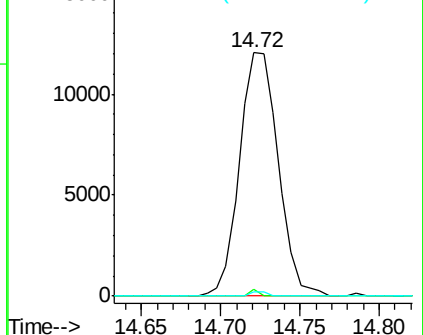


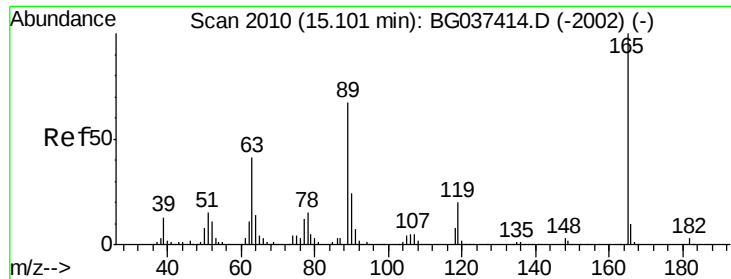
#51
2,6-Dinitrotoluene
Concen: 7.522 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.40 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

Tgt Ion:165 Resp: 20422
Ion Ratio Lower Upper
165 100
63 2.6 43.4 65.2#
89 1.9 45.8 68.6#



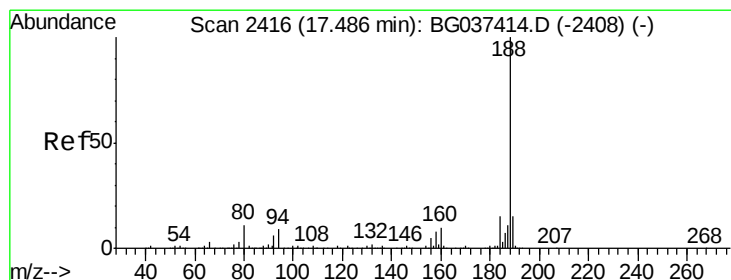
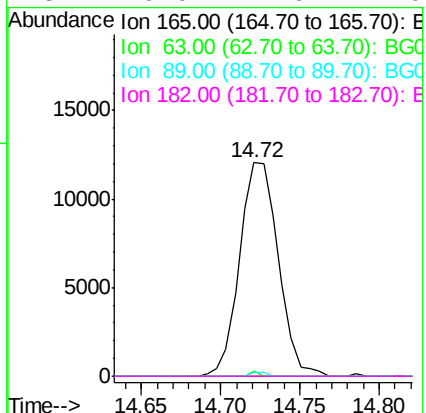
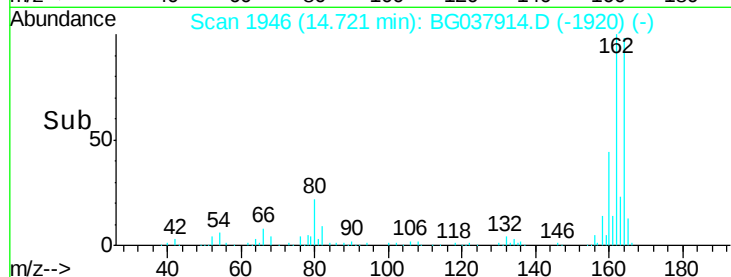
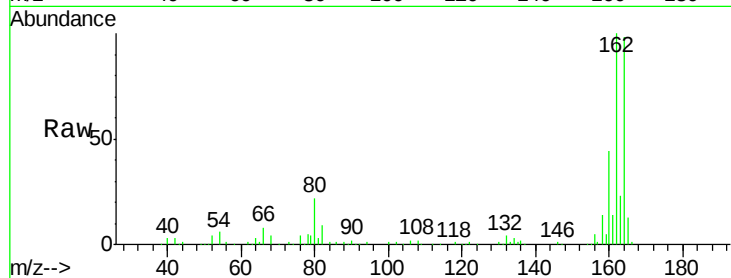
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





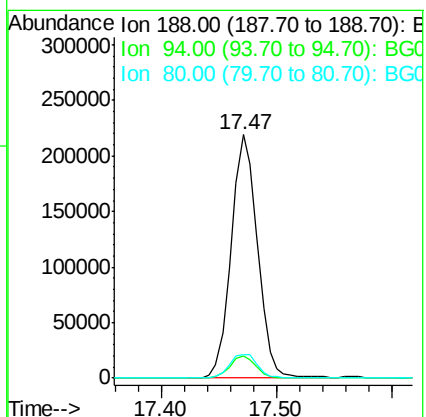
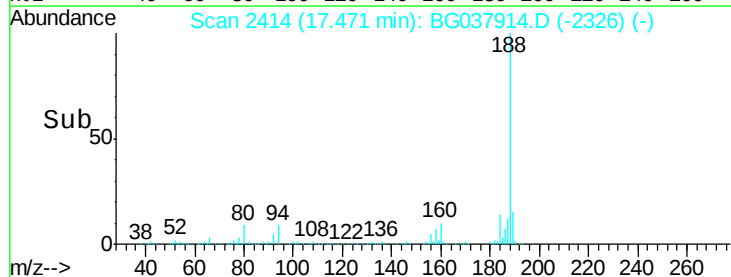
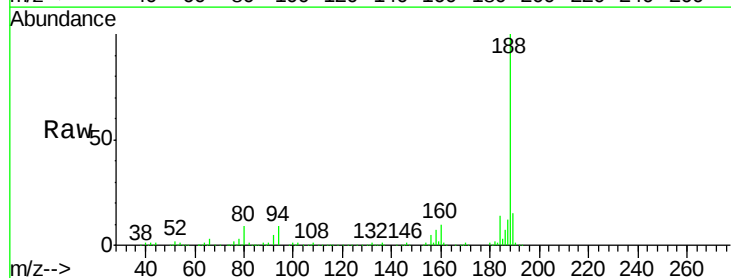
#57
 2,4-Dinitrotoluene
 Concen: 5.731 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

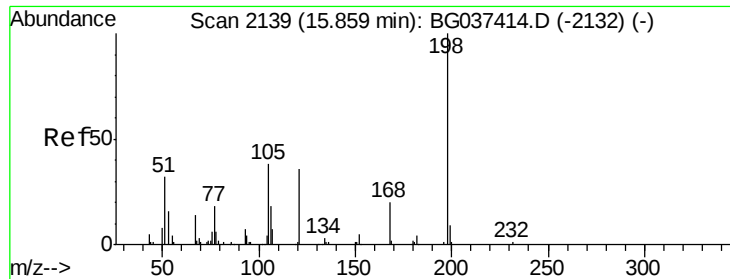
Tgt Ion:	165	Resp:	20422
Ion	Ratio	Lower	Upper
165	100		
63	2.6	33.4	50.0#
89	1.9	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

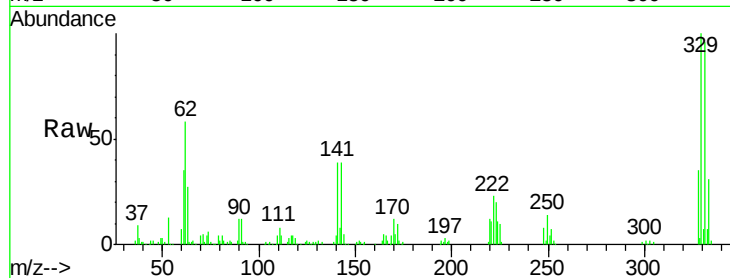
Tgt Ion:	188	Resp:	345798
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.5	7.7	11.5



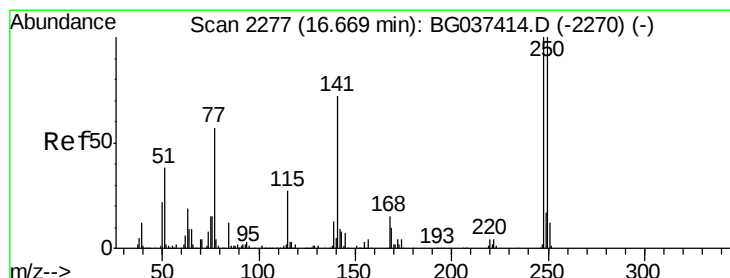
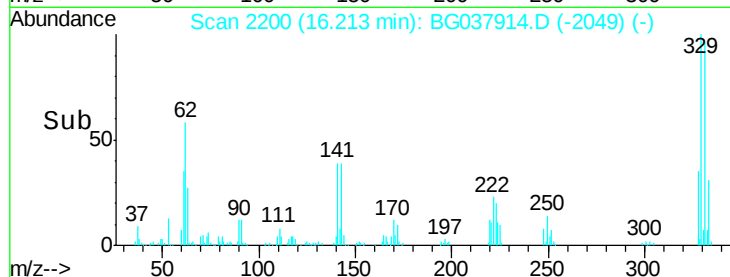
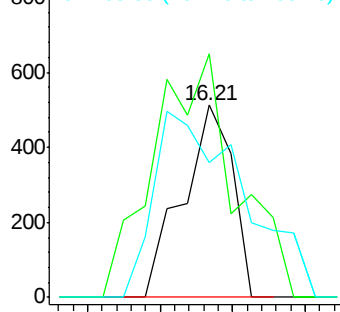


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.728 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. 0.36 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

Tgt Ion:198 Resp: 487
 Ion Ratio Lower Upper
 198 100
 51 33.1 22.7 62.7
 105 18.3 19.7 59.7#

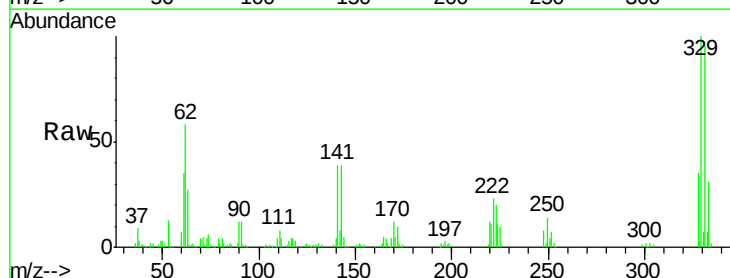


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

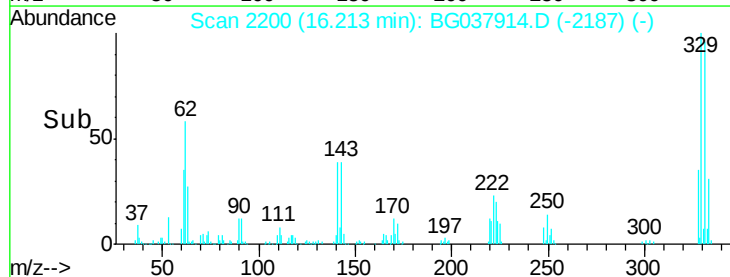
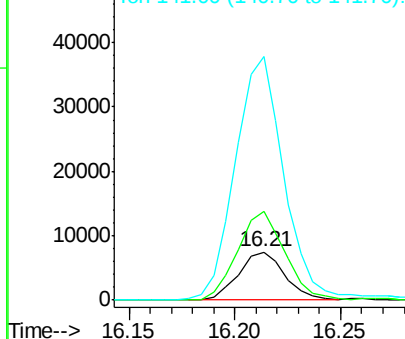


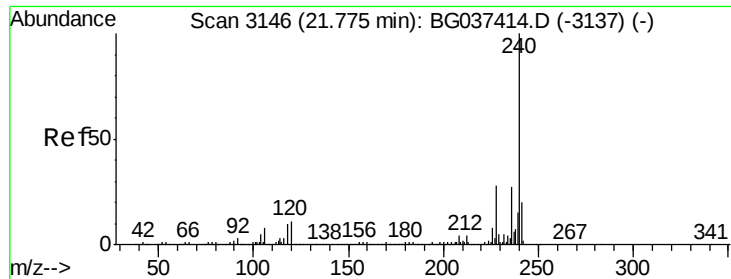
#67
 4-Bromophenyl-phenylether
 Concen: 2.969 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.46 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

Tgt Ion:248 Resp: 11276
 Ion Ratio Lower Upper
 248 100
 250 179.2 77.0 115.6#
 141 386.4 55.5 83.3#



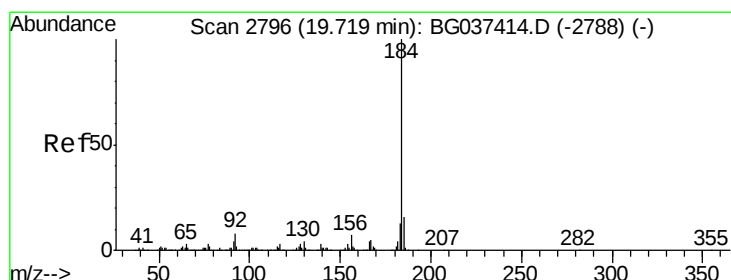
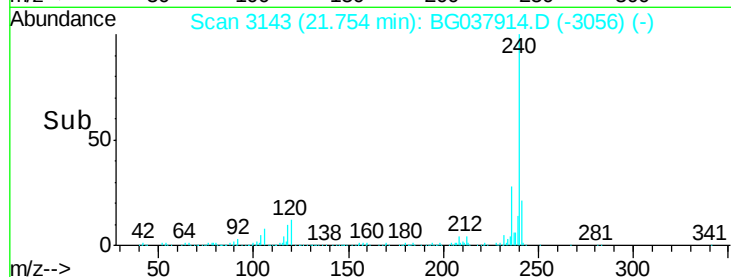
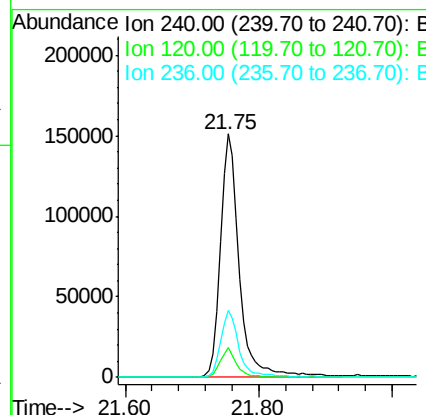
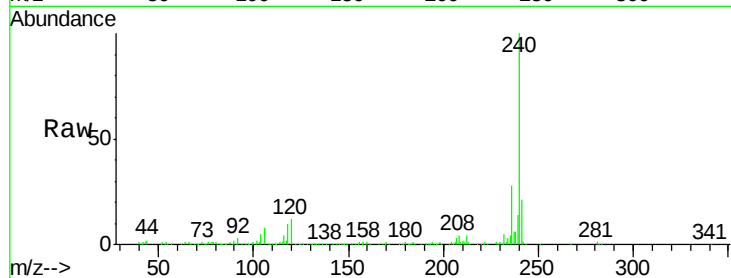
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





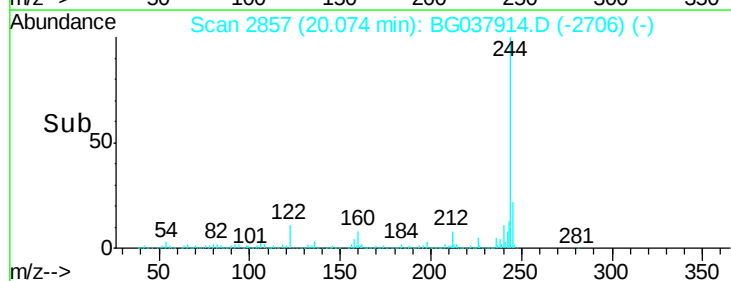
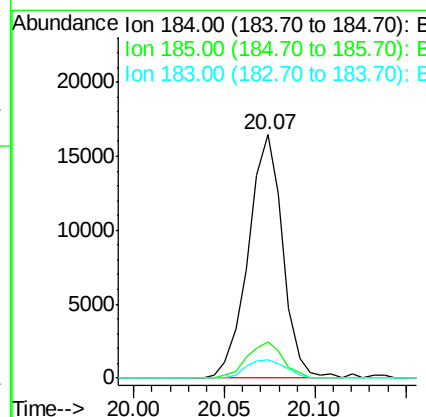
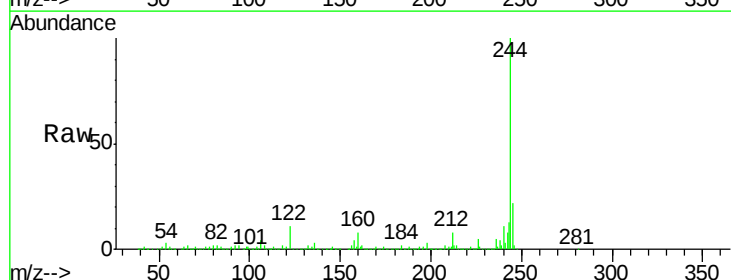
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

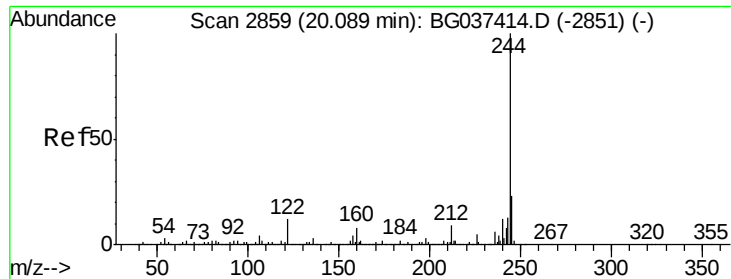
Tgt Ion: 240 Resp: 302831
Ion Ratio Lower Upper
240 100
120 12.0 8.1 12.1
236 27.8 21.4 32.0



#77
Benzidine
Concen: 2.097 ng
RT: 20.07 min Scan# 2857
Delta R.T. 0.35 min
Lab File: BG037914.D
Acq: 9 Nov 2018 10:48

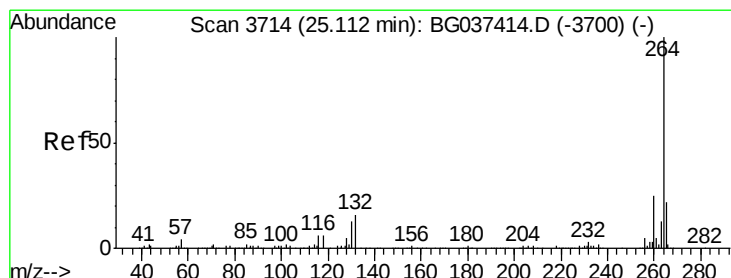
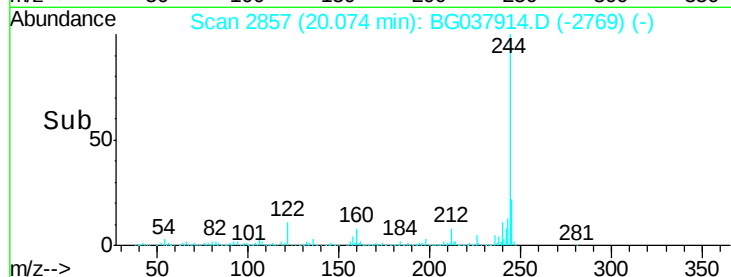
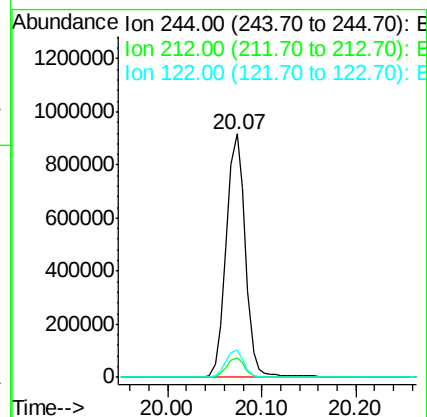
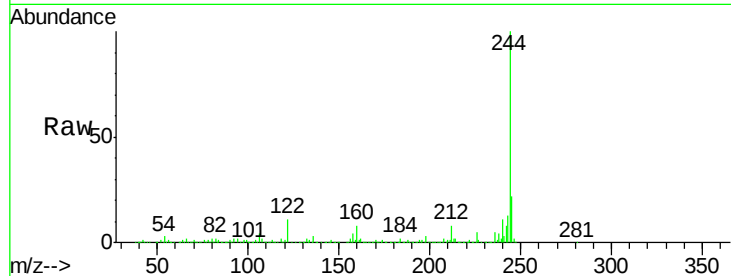
Tgt Ion: 184 Resp: 21589
Ion Ratio Lower Upper
184 100
185 14.6 12.6 18.8
183 7.8 10.2 15.2#





#79
 Terphenyl-d14
 Concen: 92.613 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BG037914.D
 Acq: 9 Nov 2018 10:48

Tgt Ion:244 Resp: 1312551
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.3 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: BG037914.D
 Acq: 9 Nov 2018 10:48

Tgt Ion:264 Resp: 253254
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.4
 265 21.1 17.9 26.9

