

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037913.D
 Acq On : 9 Nov 2018 10:09
 Operator : JU/SJ
 Sample : J5851-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

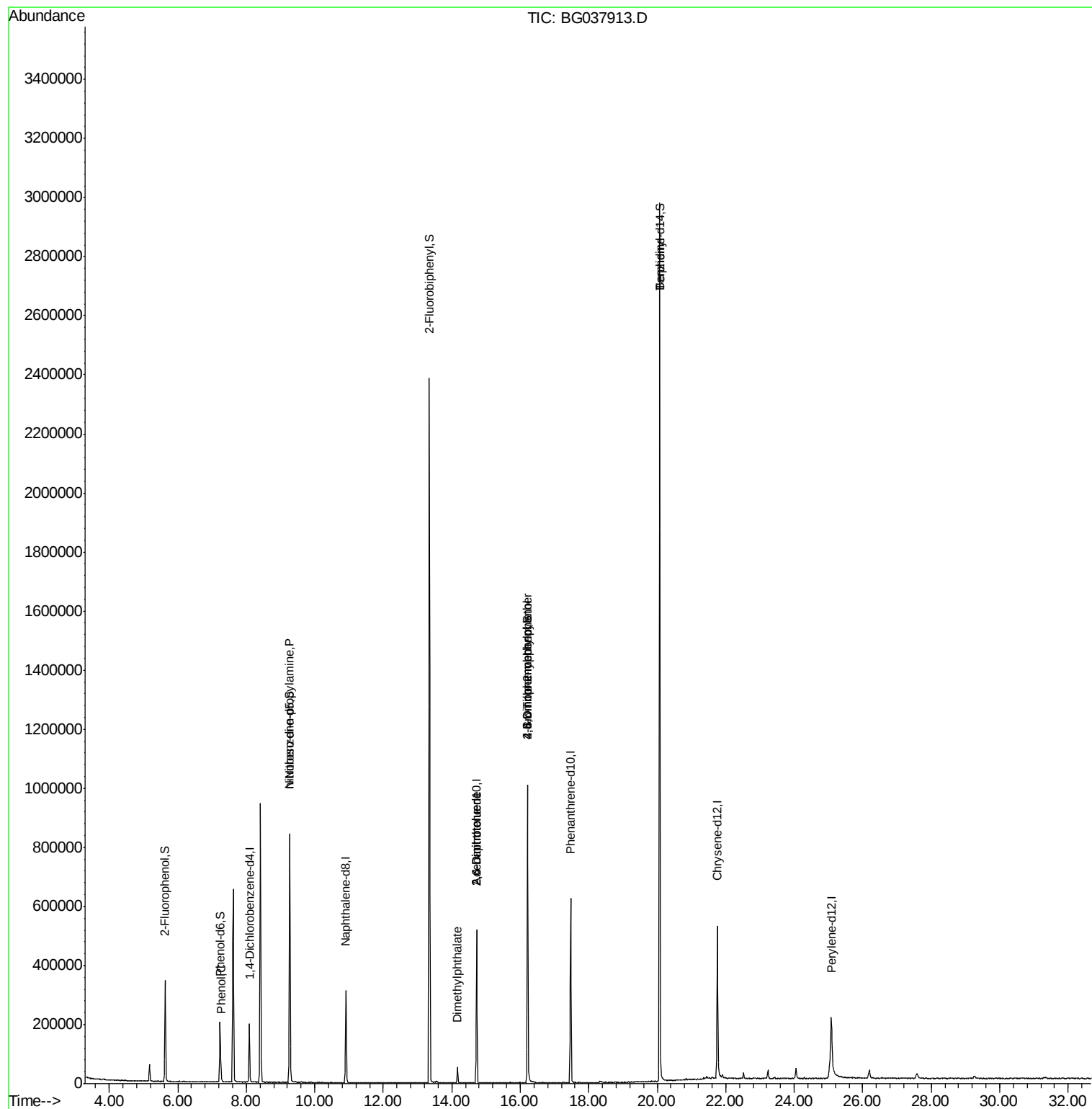
Quant Time: Nov 09 14:45:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	61033	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	286576	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	186167	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	410142	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	361158	20.00	ng	-0.02
87) Perylene-d12	25.08	264	307164	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	159163	43.60	ng	-0.01
7) Phenol-d6	7.23	99	137185	24.85	ng	-0.02
23) Nitrobenzene-d5	9.27	82	537881	105.14	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	194857	95.96	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	1296306	105.00	ng	-0.02
79) Terphenyl-d14	20.07	244	1499696	88.73	ng	-0.01
Target Compounds				Qvalue		
10) Phenol	7.26	94	24425	4.194	ng	98
19) n-Nitroso-di-n-propylamine	9.27	70	67842	17.847	ng	# 71
50) Dimethylphthalate	14.17	163	39638	2.752	ng	99
51) 2,6-Dinitrotoluene	14.73	165	24175	7.588	ng	# 26
57) 2,4-Dinitrotoluene	14.73	165	24175	5.780	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	644	8.754	ng	84
67) 4-Bromophenyl-phenylether	16.21	248	13880	3.082	ng	# 1
77) Benzidine	20.07	184	25786	2.100	ng	# 93

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

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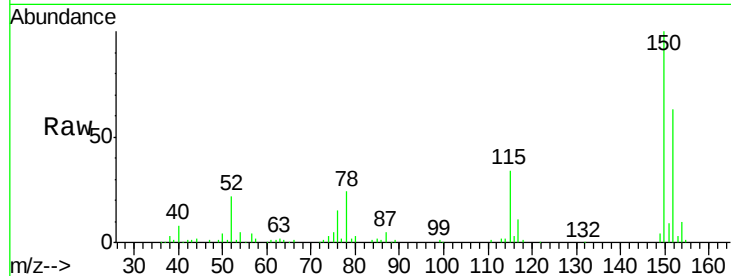




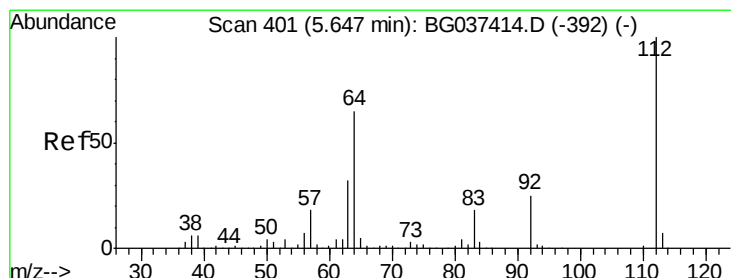
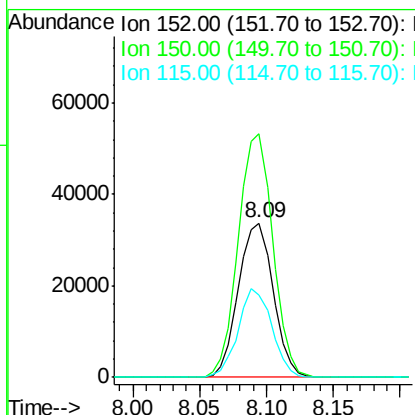
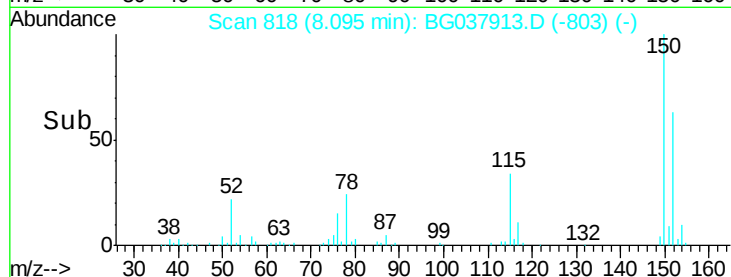
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.0	189.0
115	53.1	45.5	68.3



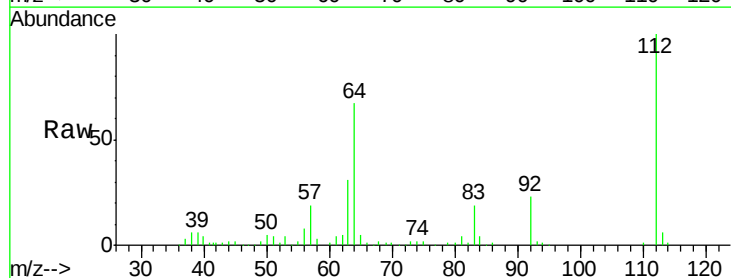
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



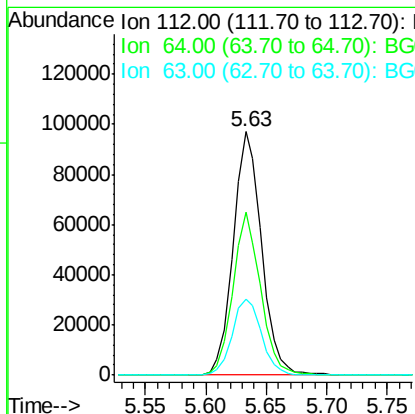
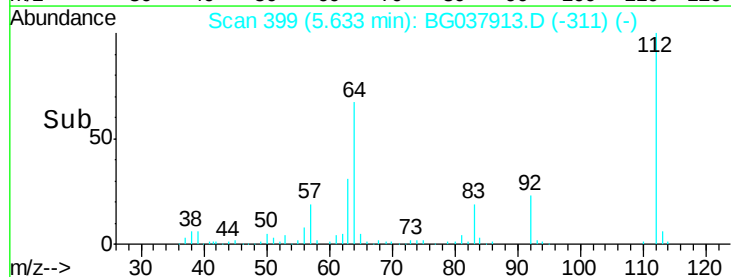
#5

2-Fluorophenol
Concen: 43.599 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.1	79.7
63	31.3	27.3	40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 24.851 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

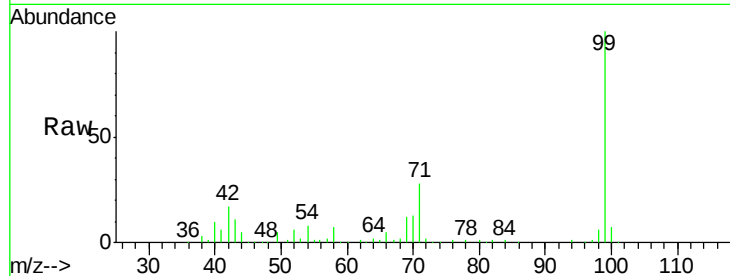
Tgt Ion: 99 Resp: 137185

Ion Ratio Lower Upper

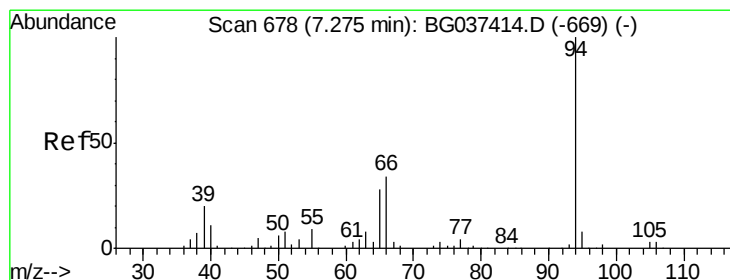
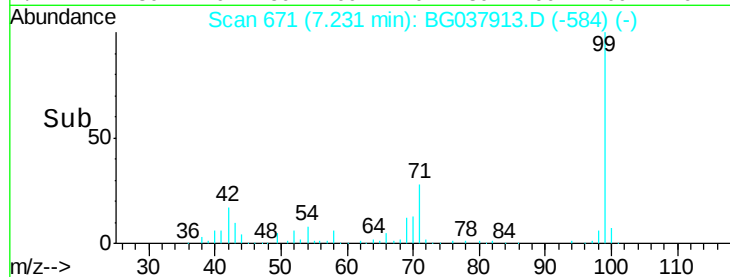
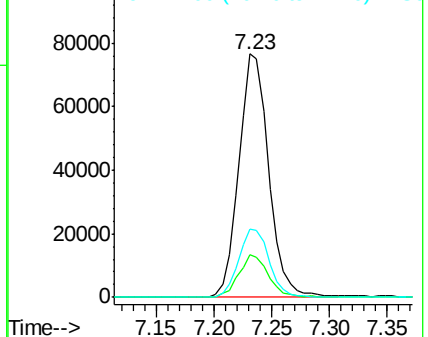
99 100

42 17.3 15.0 22.4

71 28.0 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: 4.194 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

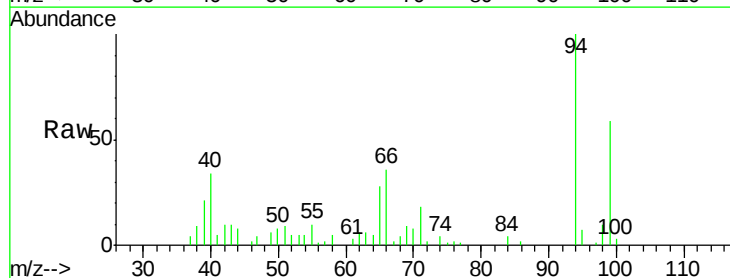
Tgt Ion: 94 Resp: 24425

Ion Ratio Lower Upper

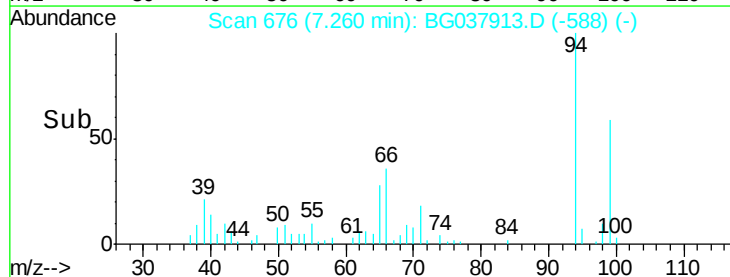
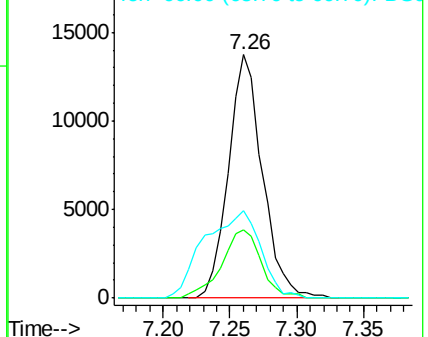
94 100

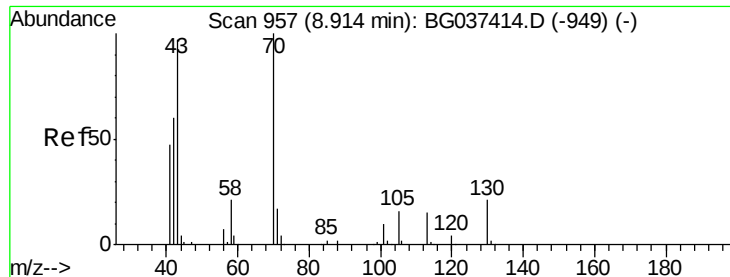
65 28.1 9.7 49.7

66 36.1 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: 17.847 ng

RT: 9.27 min Scan# 1018

Delta R.T. 0.36 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

Tgt Ion: 70 Resp: 67842

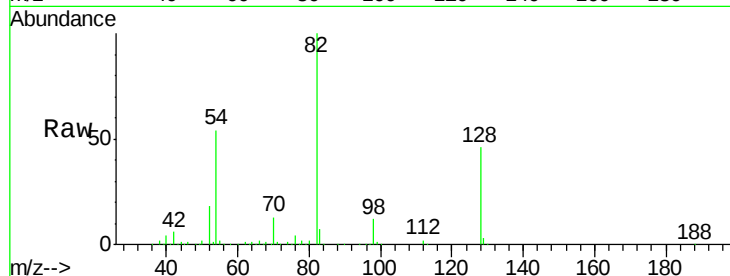
Ion Ratio Lower Upper

70 100

42 48.1 53.9 80.9#

101 0.0 8.2 12.2#

130 1.7 18.2 27.4#

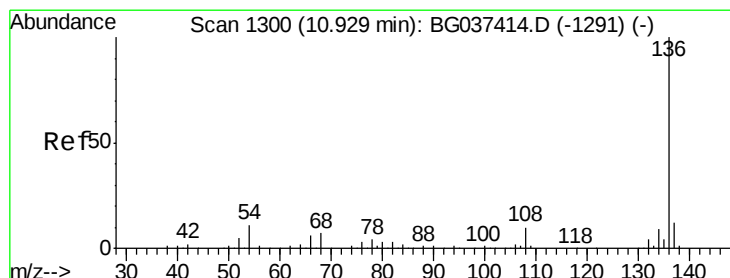
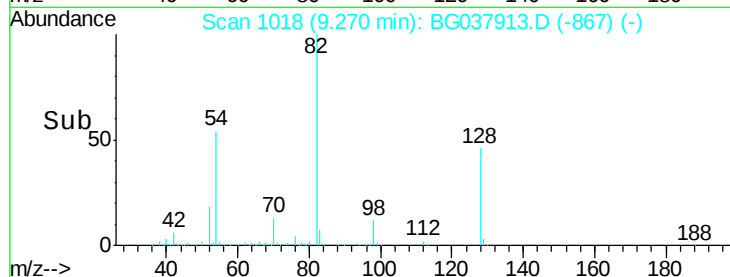
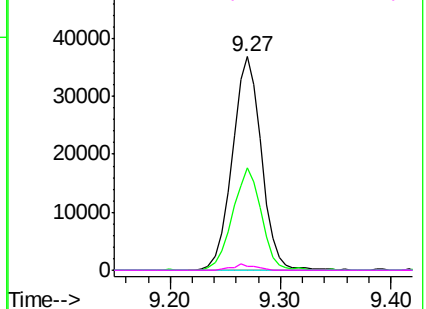


Abundance Ion 70.00 (69.70 to 70.70): BGC

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# 1297

Delta R.T. -0.02 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

Tgt Ion: 136 Resp: 286576

Ion Ratio Lower Upper

136 100

137 11.3 9.6 14.4

54 10.7 7.9 11.9

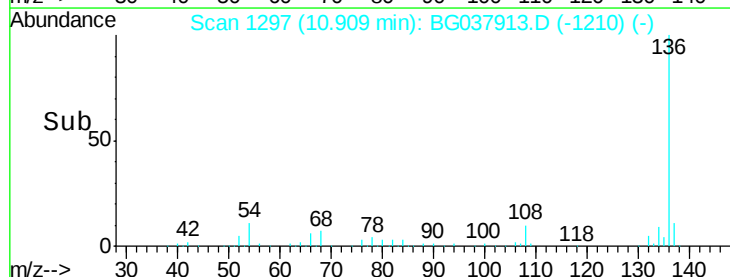
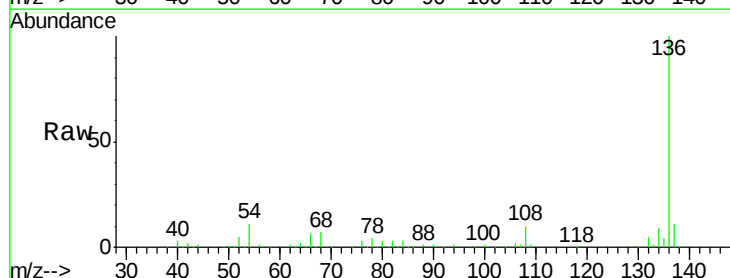
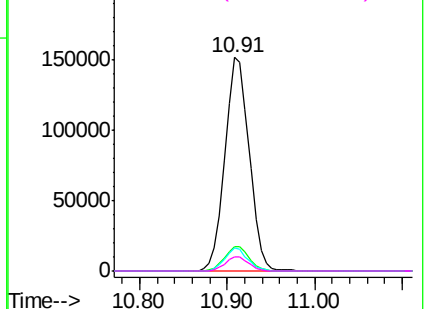
68 6.5 4.8 7.2

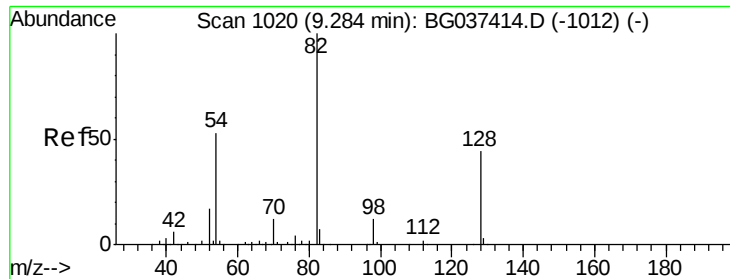
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

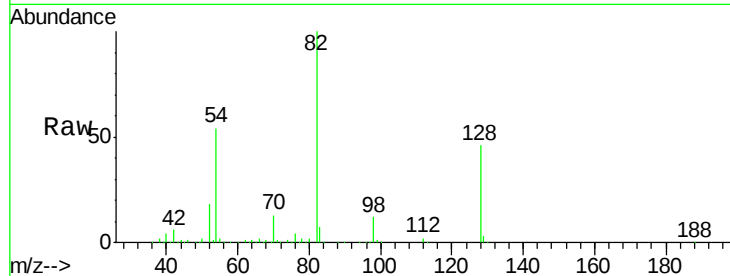
Ion 68.00 (67.70 to 68.70): BGC



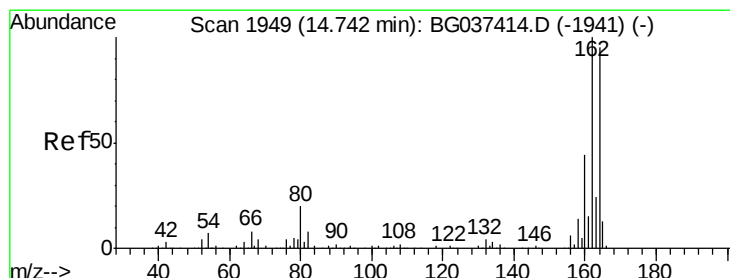
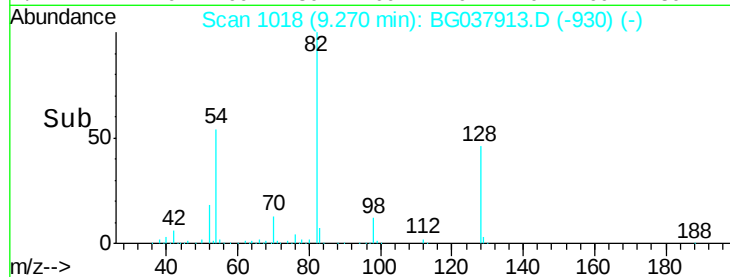
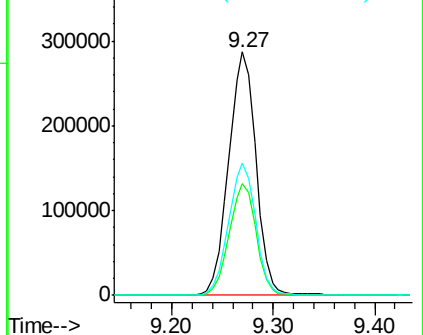


#23
Nitrobenzene-d5
Concen: 105.143 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion: 82 Resp: 537881
Ion Ratio Lower Upper
82 100
128 45.9 34.6 51.8
54 54.4 45.3 67.9

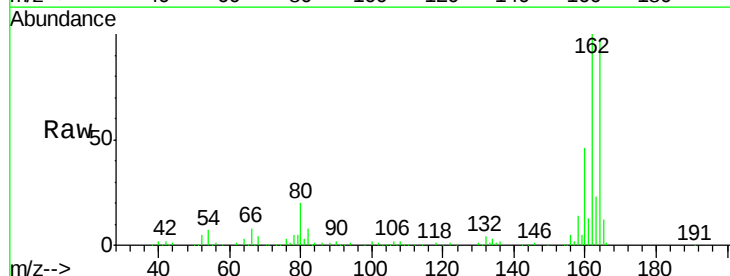


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

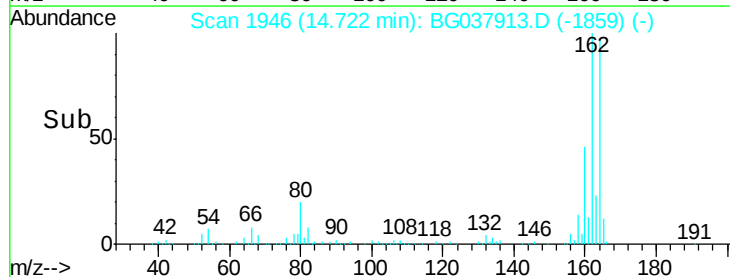
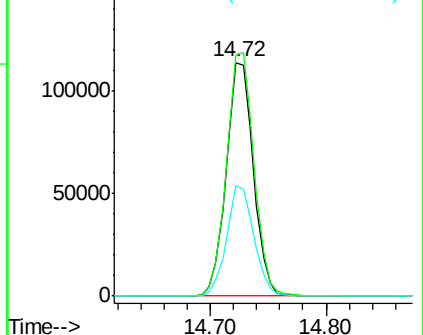


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

Tgt Ion: 164 Resp: 186167
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 47.4 36.3 54.5



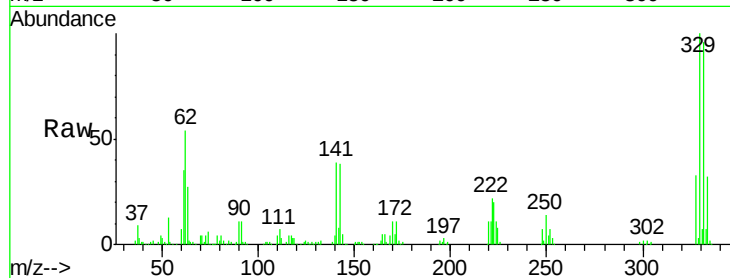
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC



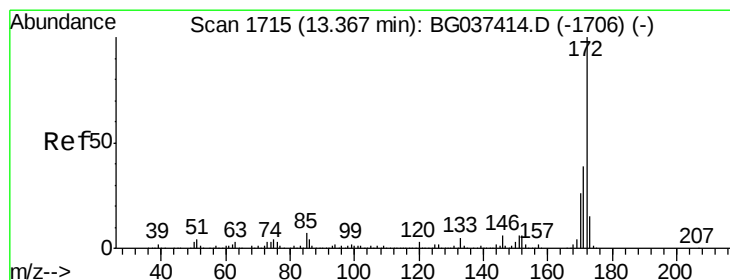
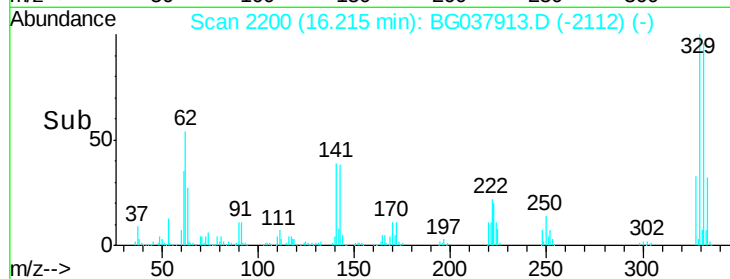
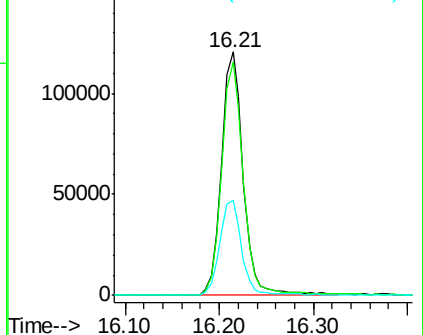


#42
 2,4,6-Tribromophenol
 Concen: 95.965 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	39.2	32.2	48.2

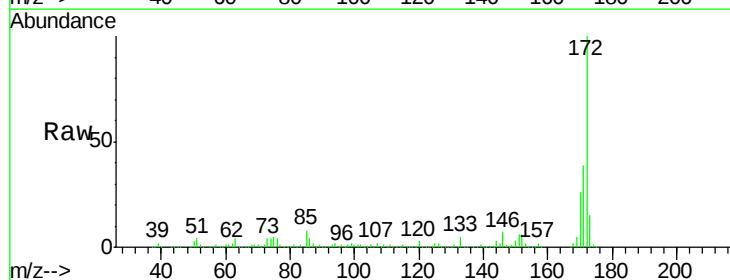


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

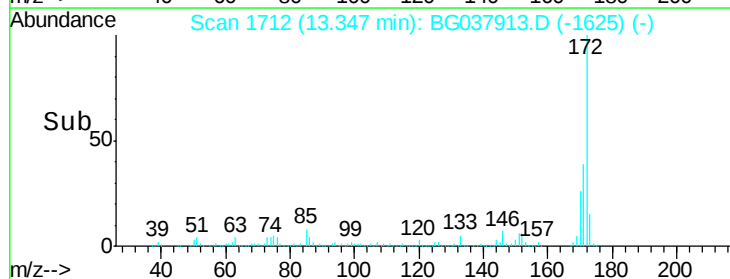
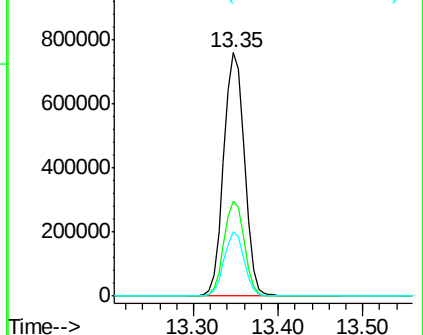


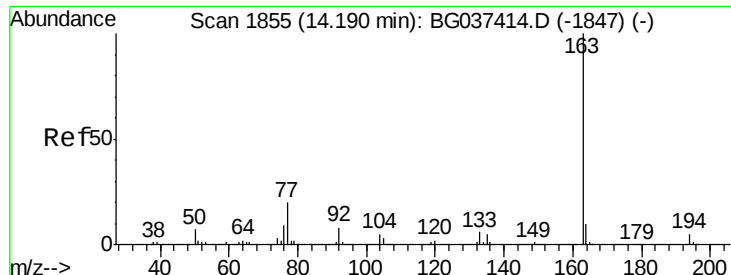
#45
 2-Fluorobiphenyl
 Concen: 105.000 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	31.0	46.4
170	26.5	20.2	30.2



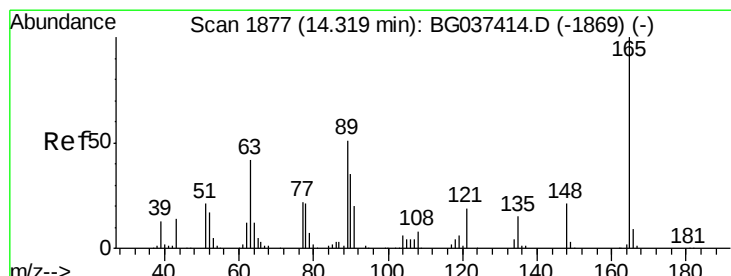
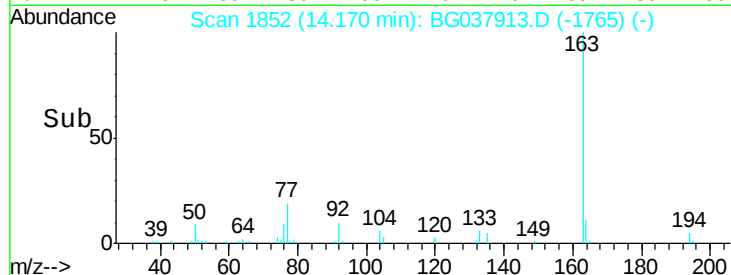
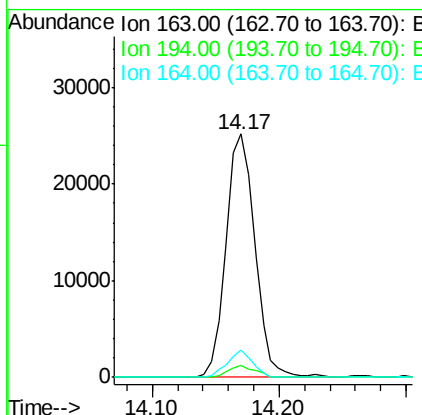
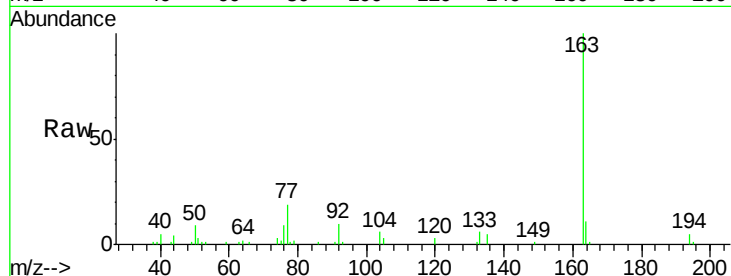
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





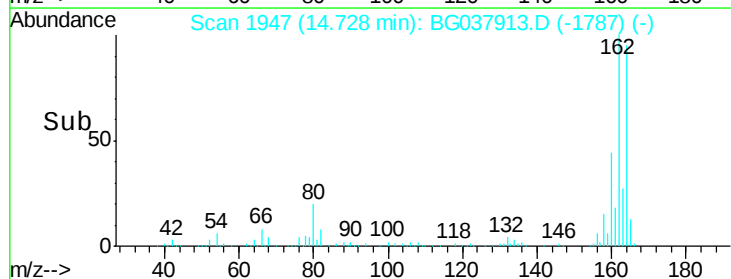
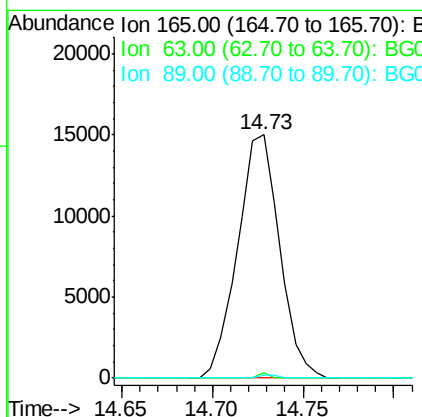
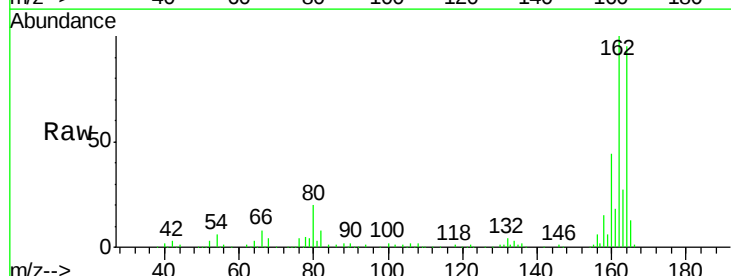
#50
Dimethylphthalate
Concen: 2.752 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

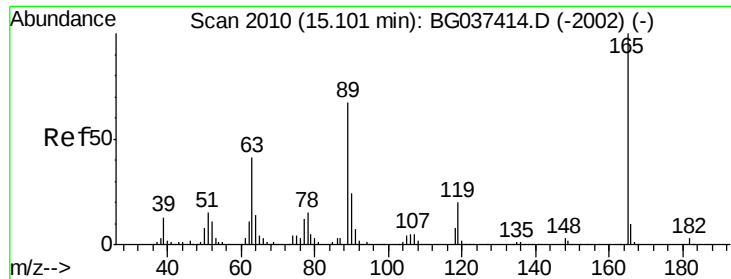
Tgt Ion:163 Resp: 39638
Ion Ratio Lower Upper
163 100
194 5.0 3.5 5.3
164 11.1 8.5 12.7



#51
2,6-Dinitrotoluene
Concen: 7.588 ng
RT: 14.73 min Scan# 1947
Delta R.T. 0.41 min
Lab File: BG037913.D
Acq: 9 Nov 2018 10:09

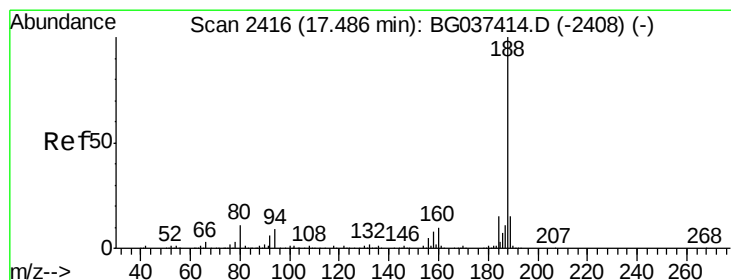
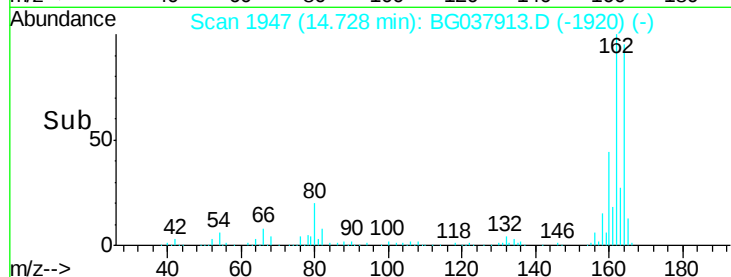
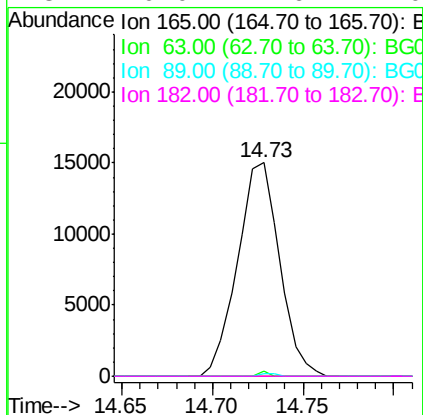
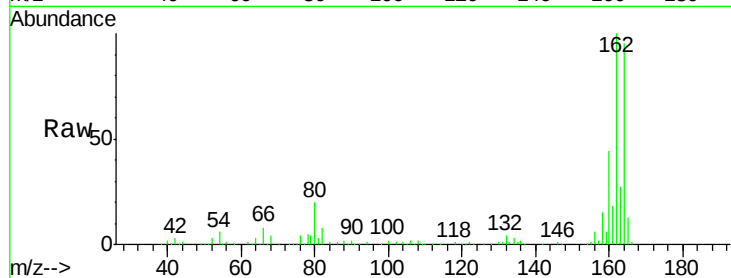
Tgt Ion:165 Resp: 24175
Ion Ratio Lower Upper
165 100
63 2.3 43.4 65.2#
89 1.3 45.8 68.6#





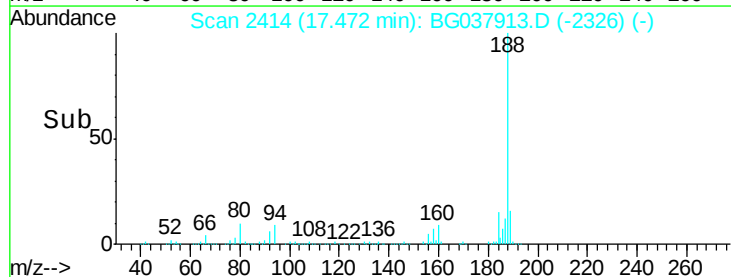
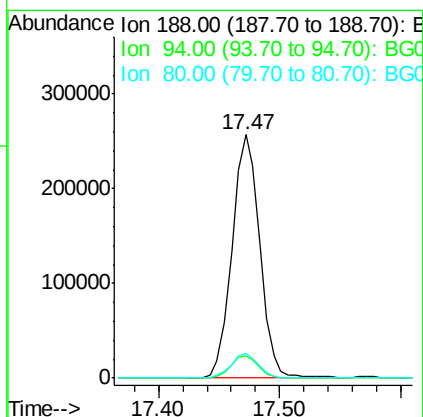
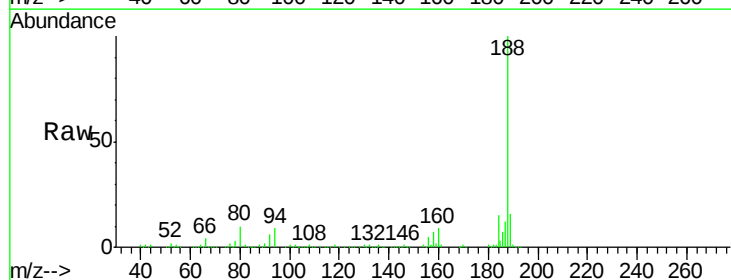
#57
 2,4-Dinitrotoluene
 Concen: 5.780 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.37 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

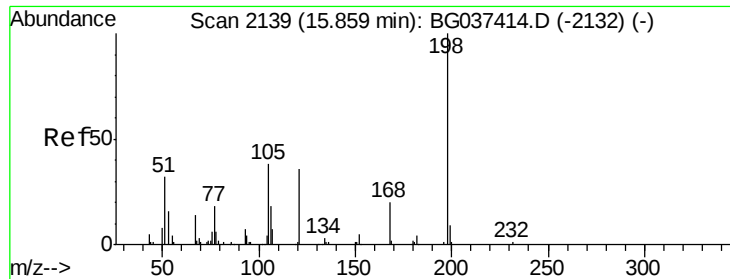
Tgt Ion:	165	Resp:	24175
Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

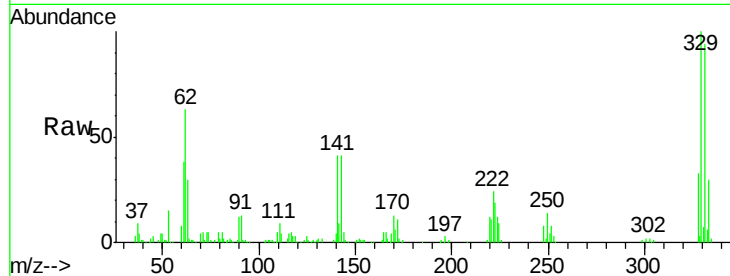
Tgt Ion:	188	Resp:	410142
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	10.2	7.7	11.5



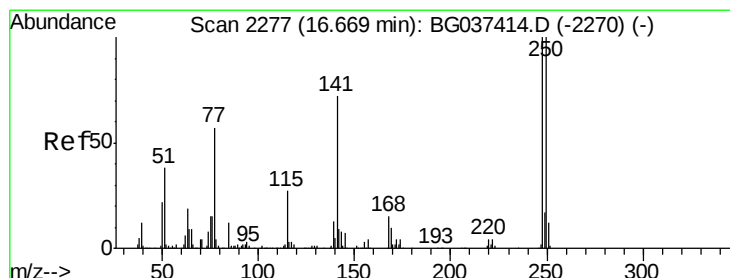
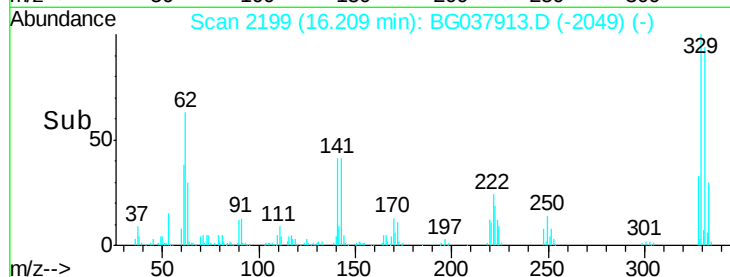
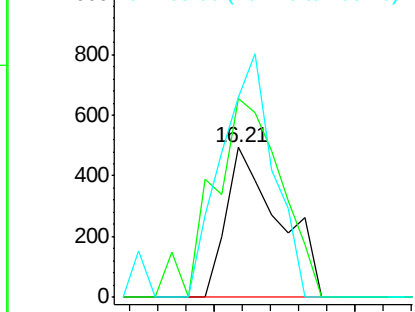


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.754 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tgt Ion:198 Resp: 644
 Ion Ratio Lower Upper
 198 100
 51 31.0 22.7 62.7
 105 31.1 19.7 59.7

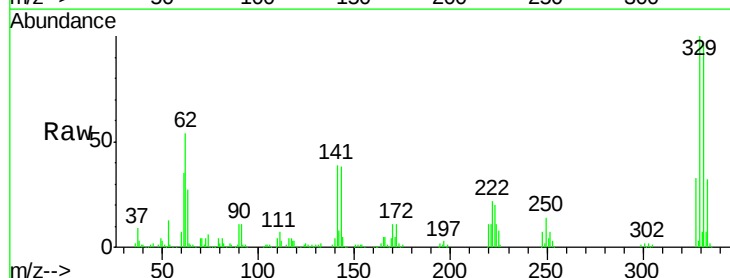


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

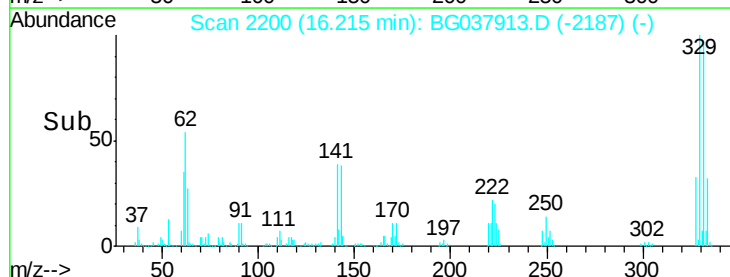
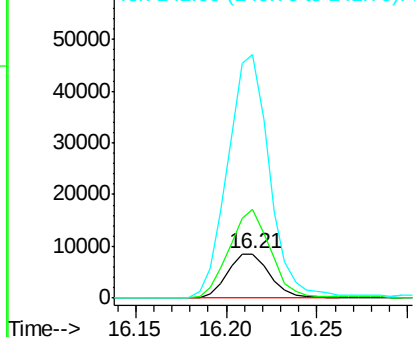


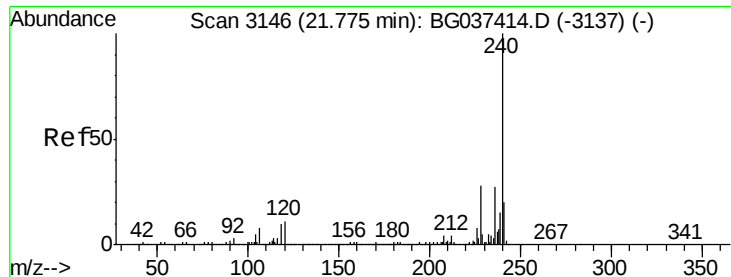
#67
 4-Bromophenyl-phenylether
 Concen: 3.082 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.45 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tgt Ion:248 Resp: 13880
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.0 115.6#
 141 410.3 55.5 83.3#



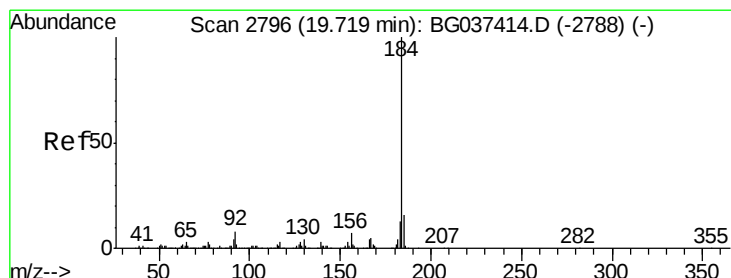
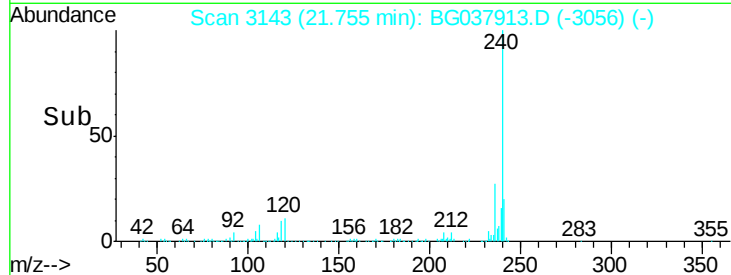
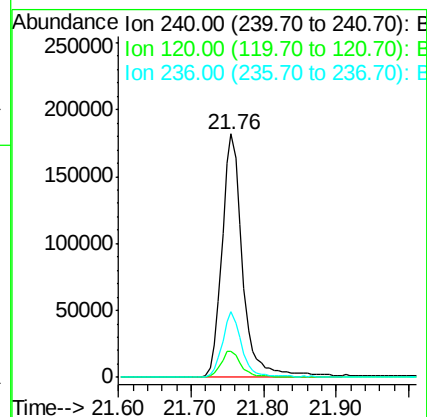
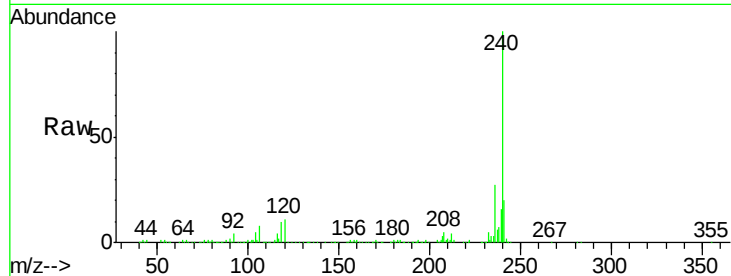
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





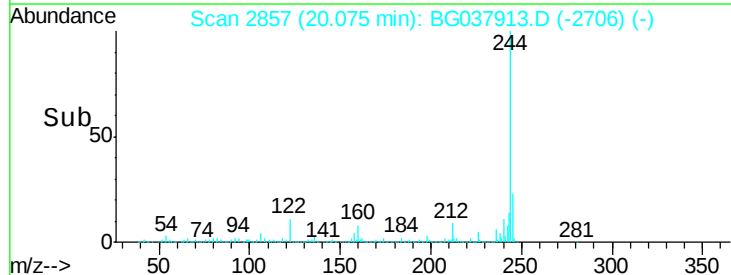
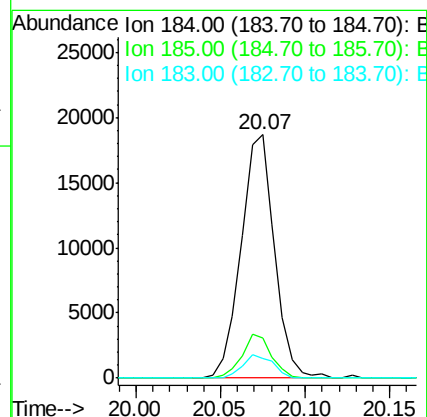
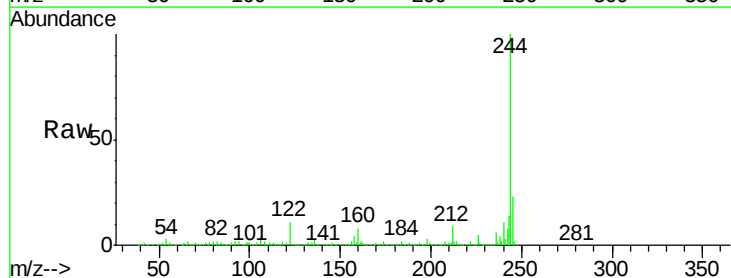
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

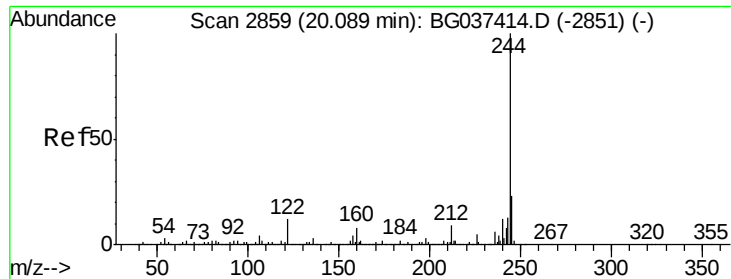
Tgt Ion:240 Resp: 361158
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 26.8 21.4 32.0



#77
 Benzidine
 Concen: 2.100 ng
 RT: 20.07 min Scan# 2857
 Delta R.T. 0.36 min
 Lab File: BG037913.D
 Acq: 9 Nov 2018 10:09

Tgt Ion:184 Resp: 25786
 Ion Ratio Lower Upper
 184 100
 185 16.7 12.6 18.8
 183 8.0 10.2 15.2#





#79

Terphenyl-d14

Concen: 88.728 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

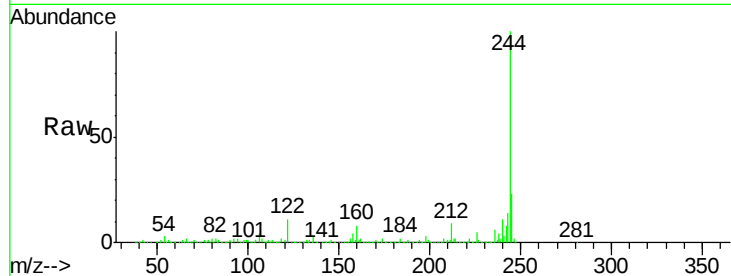
Tgt Ion:244 Resp: 1499696

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

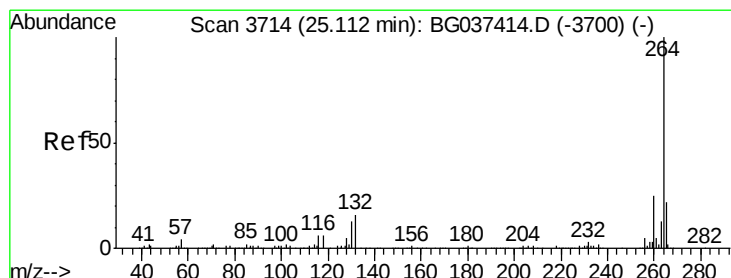
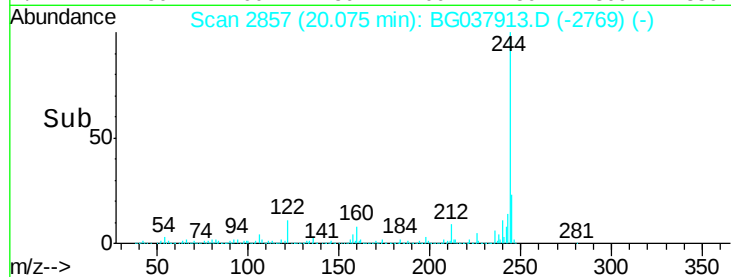
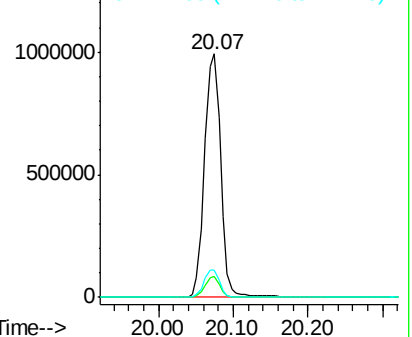
122 11.2 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3709

Delta R.T. -0.03 min

Lab File: BG037913.D

Acq: 9 Nov 2018 10:09

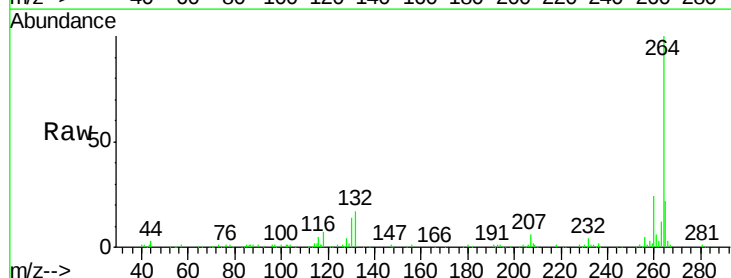
Tgt Ion:264 Resp: 307164

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 22.3 17.9 26.9



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

