

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037336.D
 Acq On : 15 Oct 2018 16:45
 Operator : JU/SJ
 Sample : J5509-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

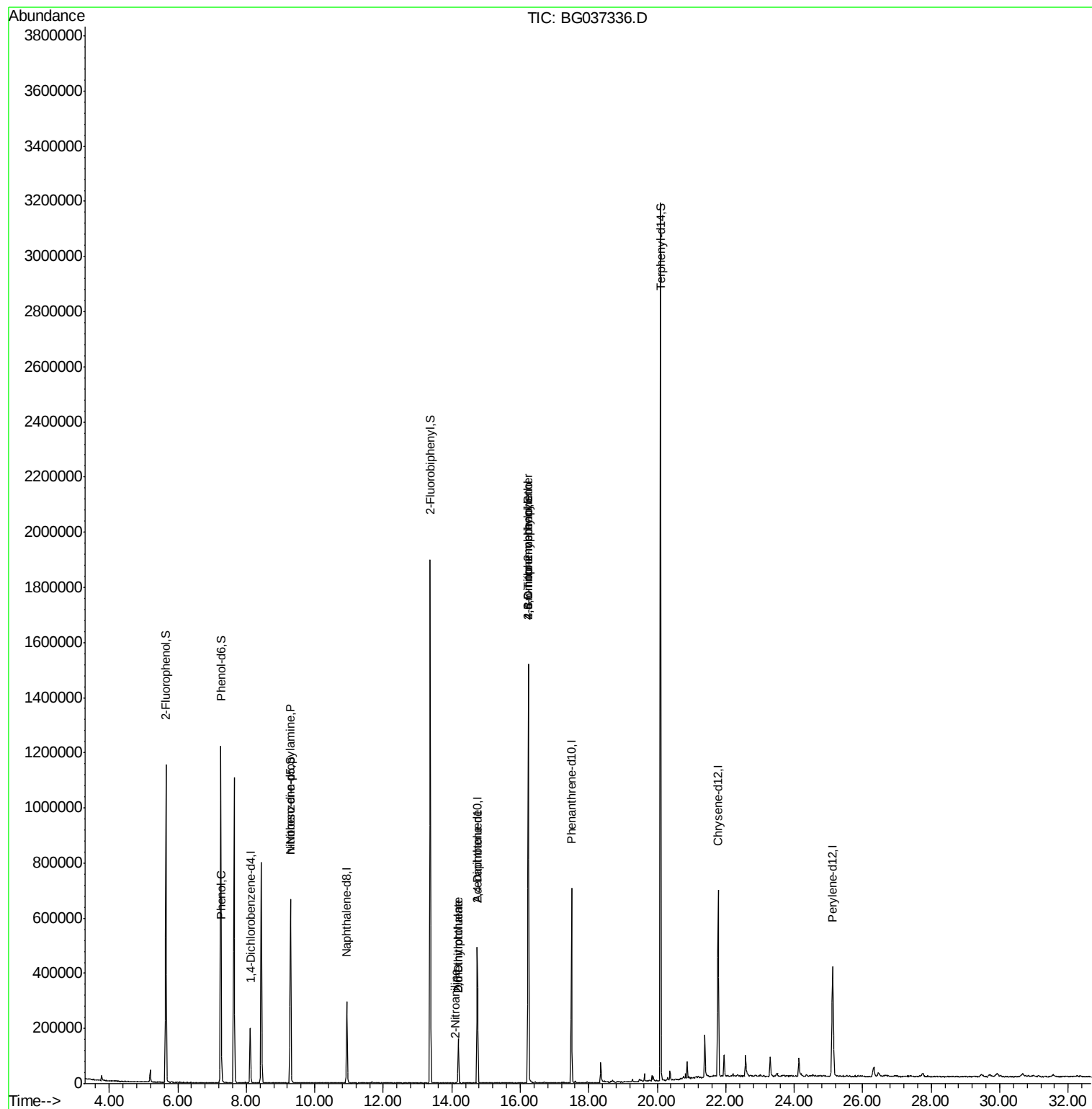
Quant Time: Oct 16 04:15:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 02:21:11 2018
 Response via : Initial Calibration

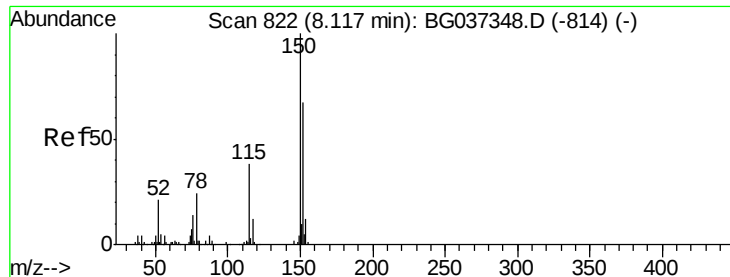
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	60935	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	265025	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	177079	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	450429	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	405531	20.00	ng	-0.02
87) Perylene-d12	25.12	264	409799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	527101	152.24	ng	0.00
7) Phenol-d6	7.25	99	769338	146.39	ng	0.00
23) Nitrobenzene-d5	9.29	82	410714	101.89	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	272013	156.63	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1038788	88.10	ng	-0.01
79) Terphenyl-d14	20.10	244	1539811	79.73	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.28	94	23700	4.282	ng	88
19) n-Nitroso-di-n-propylamine	9.29	70	51584	12.965	ng	# 71
48) 2-Nitroaniline	14.09	65	55	5.771	ng	# 7
50) Dimethylphthalate	14.19	163	114672	8.240	ng	99
51) 2,6-Dinitrotoluene	14.19	165	1171	5.200	ng	# 16
57) 2,4-Dinitrotoluene	14.75	165	23204	11.361	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	980	6.555	ng	87
67) 4-Bromophenyl-phenylether	16.23	248	20308	4.178	ng	# 1

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

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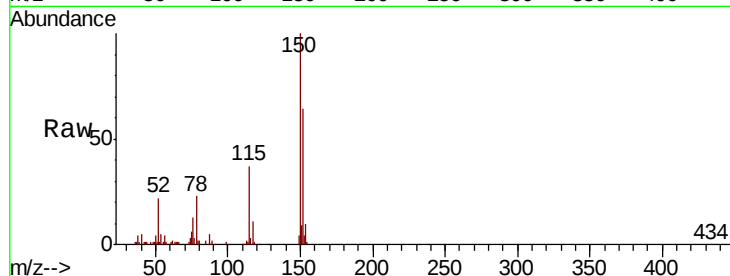




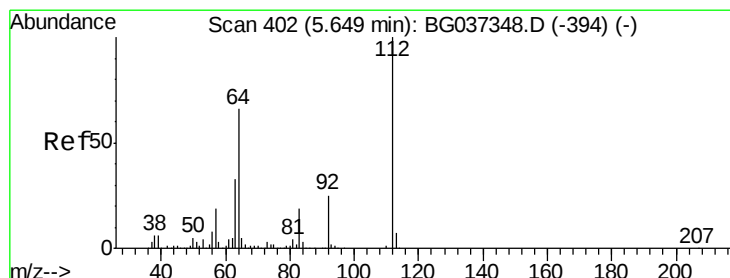
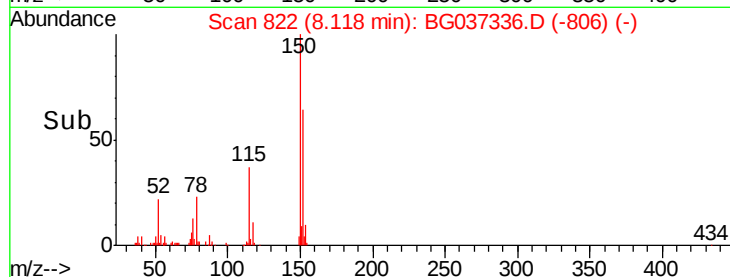
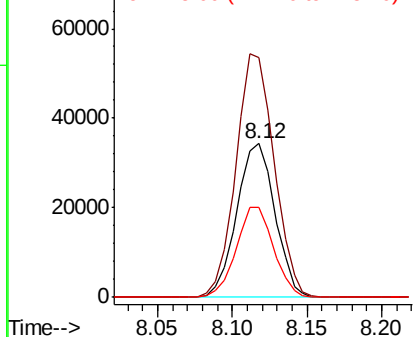
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG037336.D
Acq: 15 Oct 2018 16:45

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.0	189.0
115	58.5	45.5	68.3



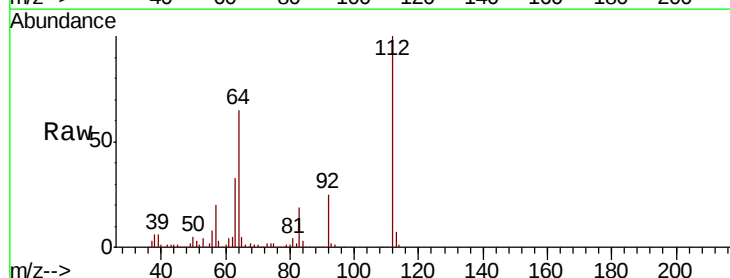
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



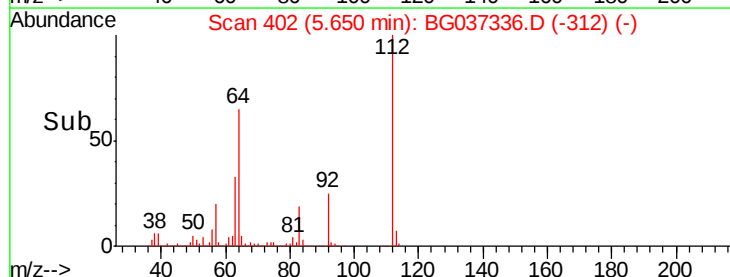
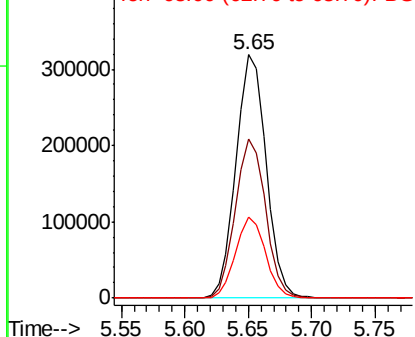
#5

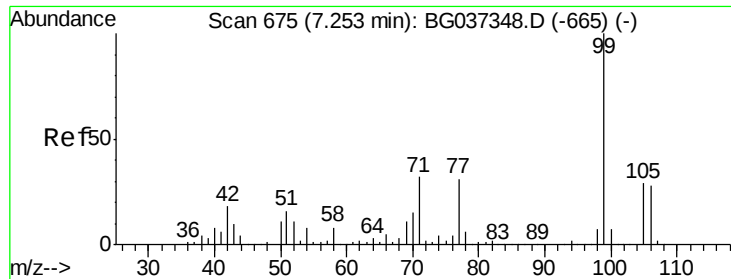
2-Fluorophenol
Concen: 152.236 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037336.D
Acq: 15 Oct 2018 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.3	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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 146.391 ng

RT: 7.25 min Scan# 675

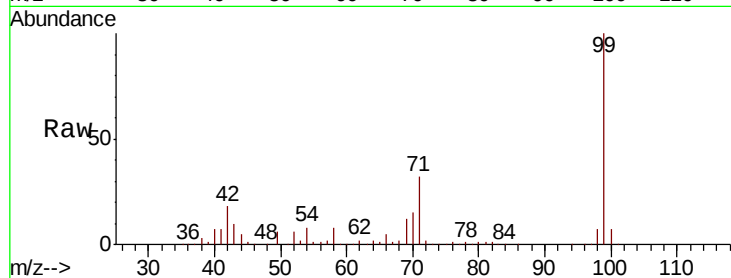
Delta R.T. -0.00 min

Lab File: BG037336.D

Acq: 15 Oct 2018 16:45

Tot Ion: 99 Resp: 769338

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	32.0	25.5	38.3

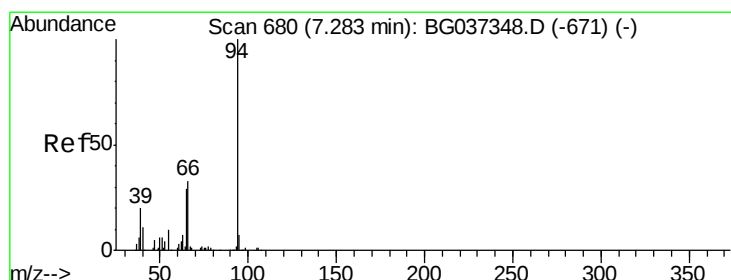
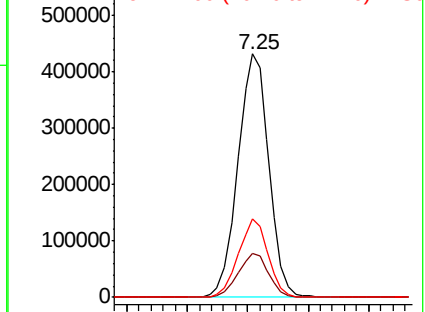
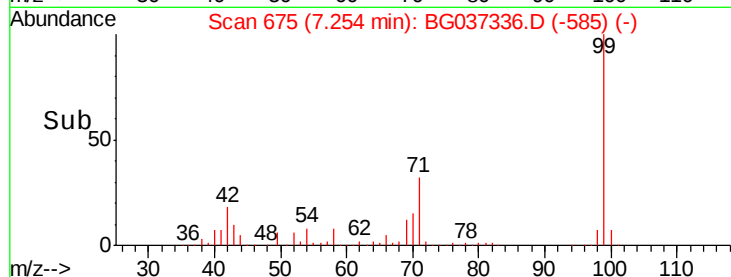


Abundance

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: 4.282 ng

RT: 7.28 min Scan# 679

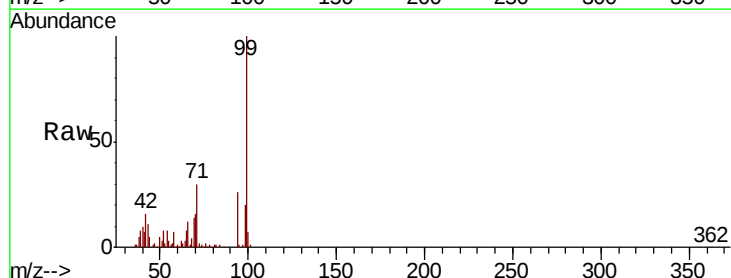
Delta R.T. -0.01 min

Lab File: BG037336.D

Acq: 15 Oct 2018 16:45

Tgt Ion: 94 Resp: 23700

Ion	Ratio	Lower	Upper
94	100		
65	31.2	9.7	49.7
66	47.2	15.9	55.9

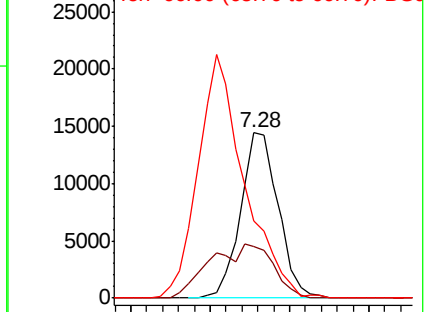
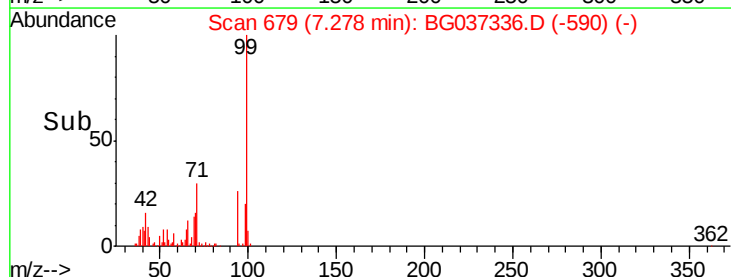


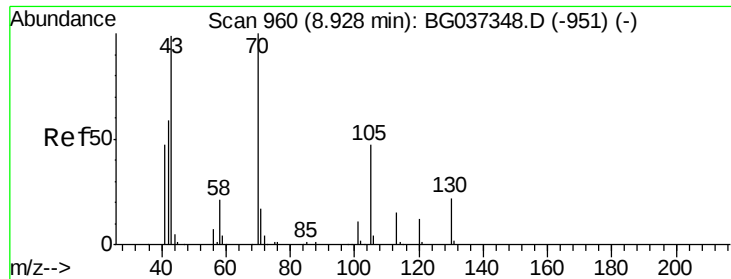
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

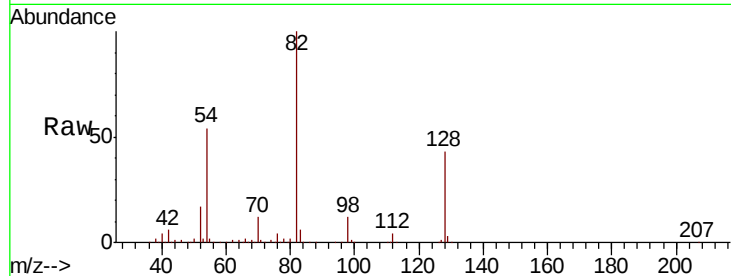
Ion 66.00 (65.70 to 66.70): BGC



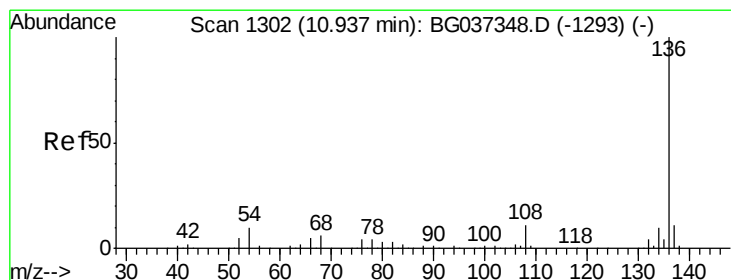
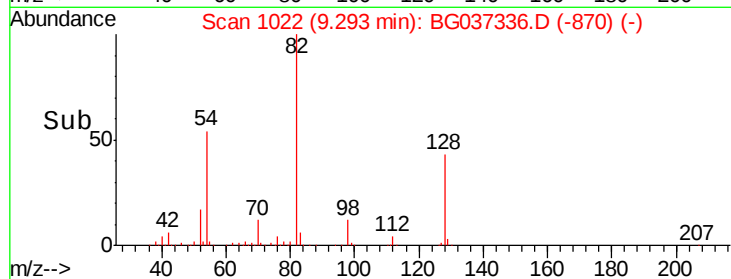
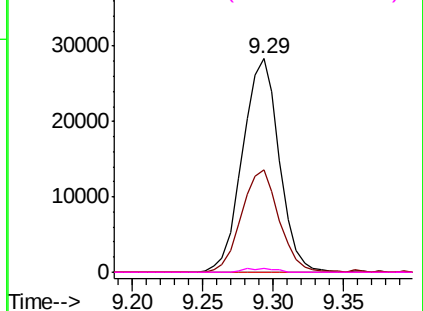


#19
n-Nitroso-di-n-propylamine
Concen: 12.965 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.36 min
Lab File: BG037336.D
Acq: 15 Oct 2018 16:45

Tot Ion: 70 Resp: 51584
Ion Ratio Lower Upper
70 100
42 48.1 53.9 80.9#
101 0.0 8.2 12.2#
130 1.8 18.2 27.4#

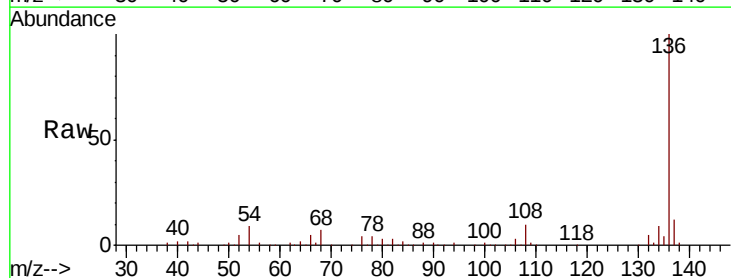


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

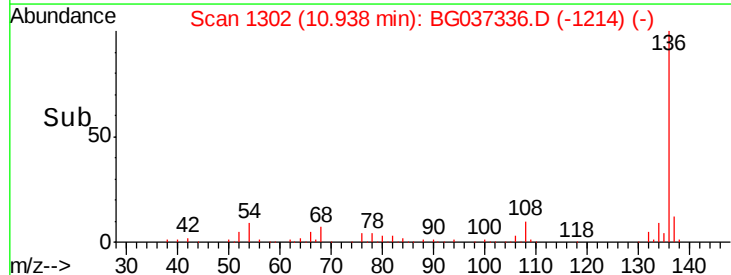
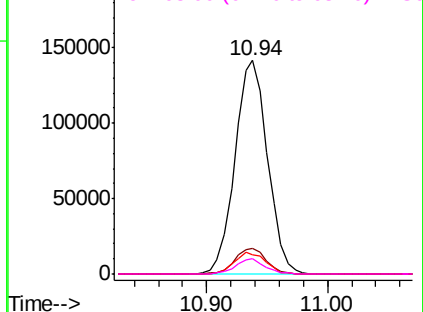


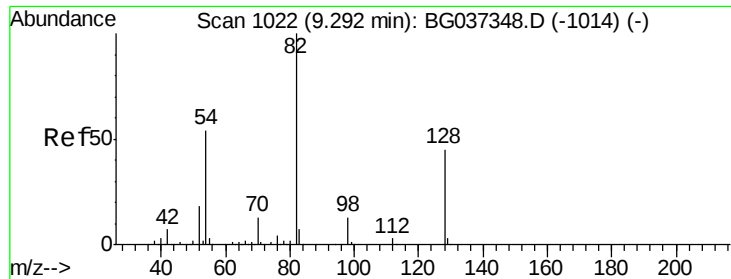
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037336.D
Acq: 15 Oct 2018 16:45

Tgt Ion: 136 Resp: 265025
Ion Ratio Lower Upper
136 100
137 12.2 9.6 14.4
54 9.1 7.9 11.9
68 7.0 4.8 7.2



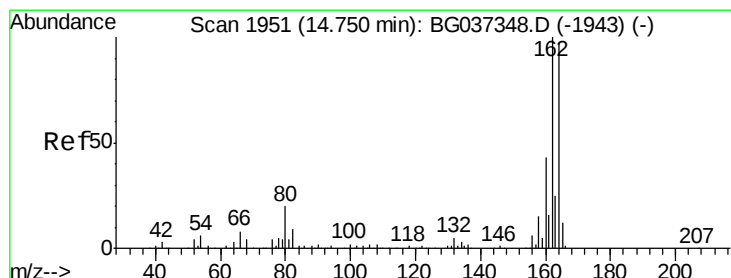
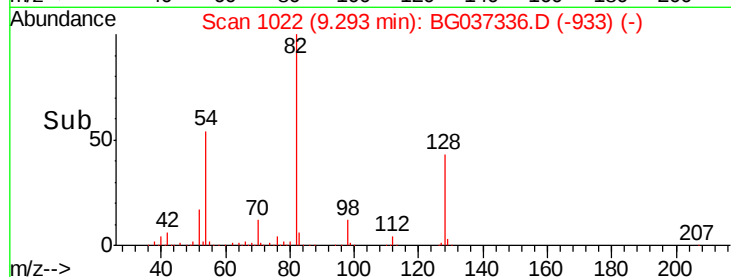
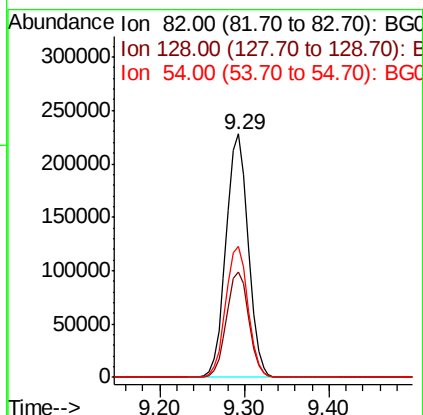
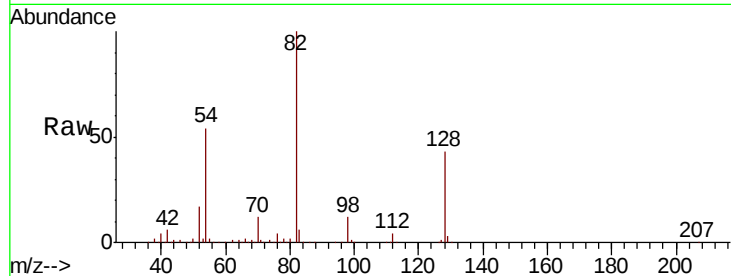
Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





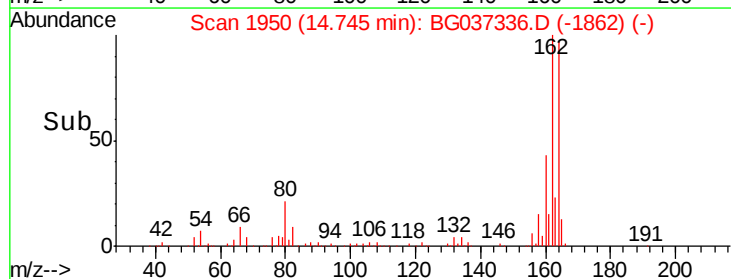
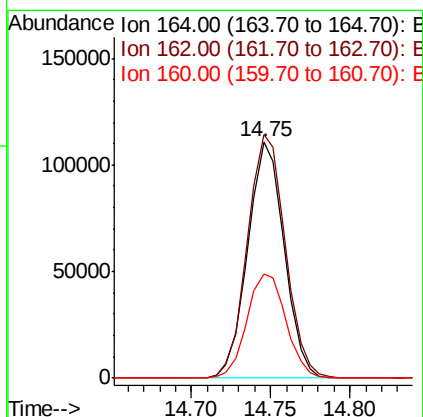
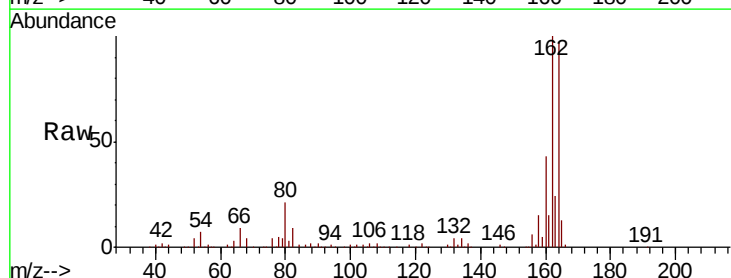
#23
 Nitrobenzene-d5
 Concen: 101.886 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

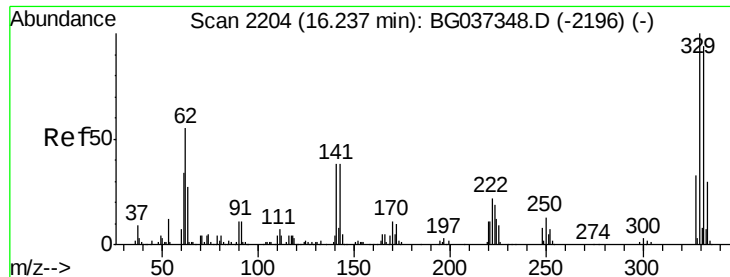
Tot Ion	82	Resp	410714
Ion Ratio	100		
Lower		34.6	
Upper		51.8	
128	43.4		
54	53.9		
Lower		45.3	
Upper		67.9	



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

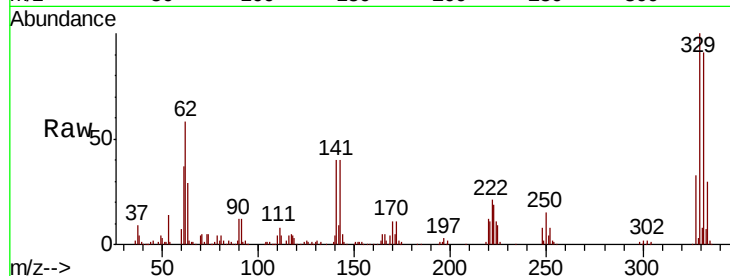
Tgt Ion	164	Resp	177079
Ion Ratio	100		
Lower		81.3	
Upper		121.9	
162	103.1		
160	44.2		
Lower		36.3	
Upper		54.5	



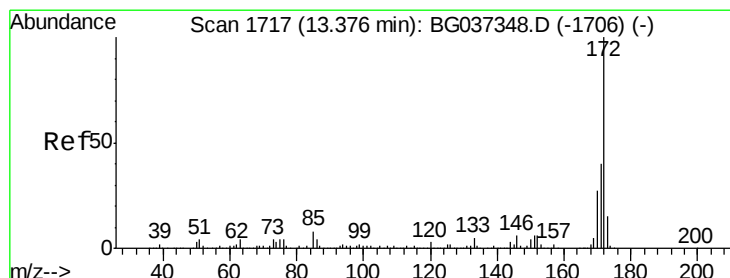
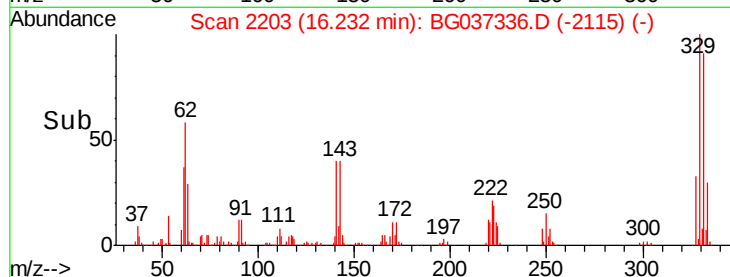
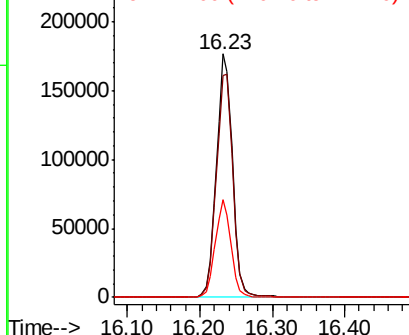


#42
 2,4,6-Tribromophenol
 Concen: 156.631 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	78.4	117.6
141	39.2	32.2	48.2

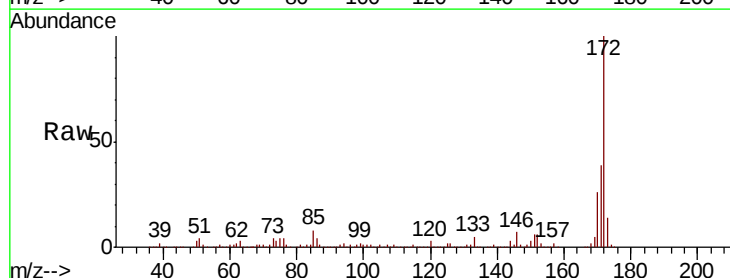


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

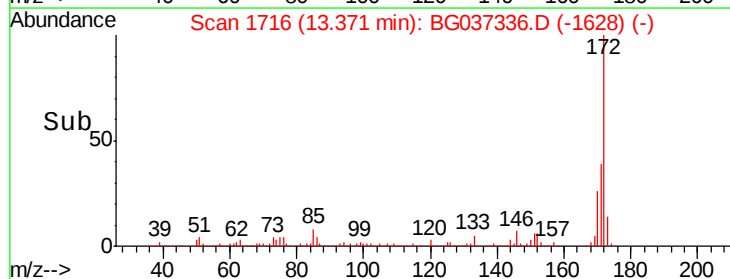
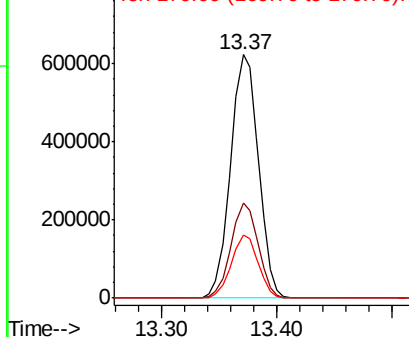


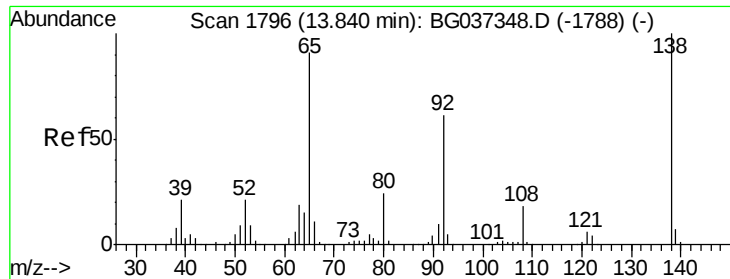
#45
 2-Fluorobiphenyl
 Concen: 88.097 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	26.0	20.2	30.2



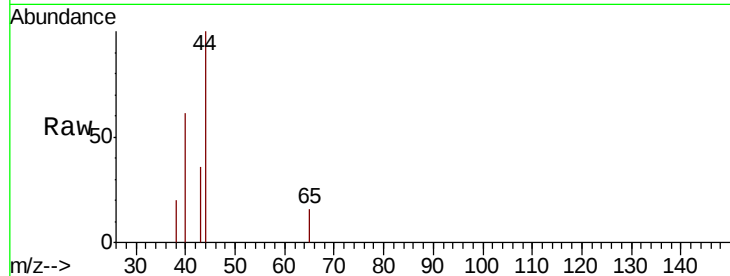
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



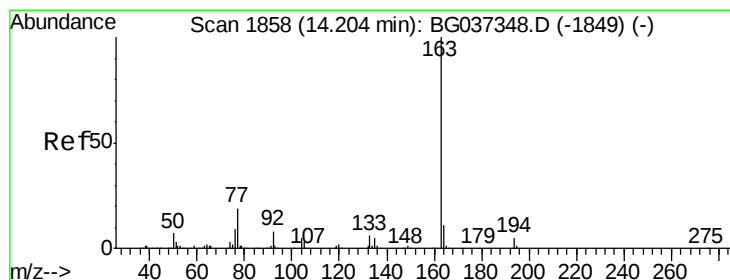
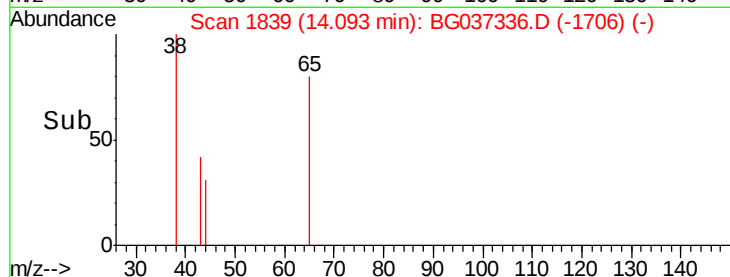
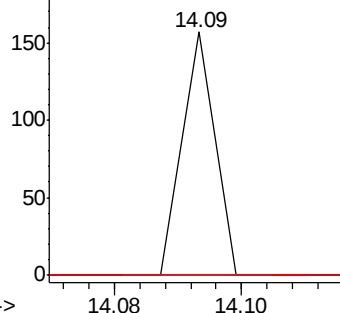


#48
2-Nitroaniline
Concen: 5.771 ng
RT: 14.09 min Scan# 1839
Delta R.T. 0.25 min
Lab File: BG037336.D
Acq: 15 Oct 2018 16:45

Tot Ion: 65 Resp: 55
Ion Ratio Lower Upper
65 100
92 0.0 53.2 79.8#
138 0.0 79.3 118.9#

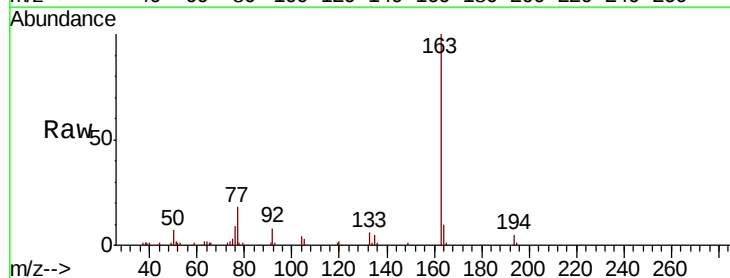


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

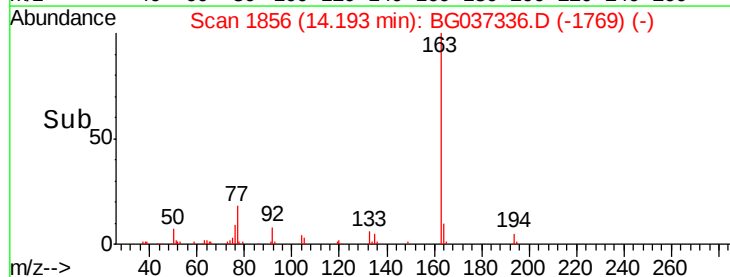
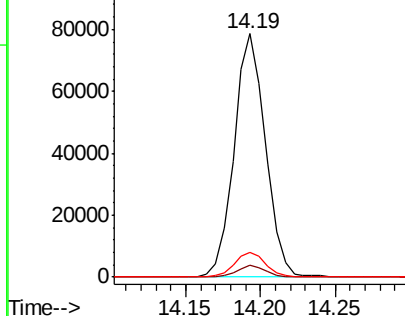


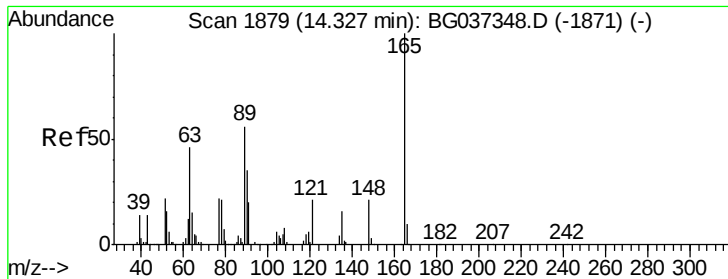
#50
Dimethylphthalate
Concen: 8.240 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037336.D
Acq: 15 Oct 2018 16:45

Tgt Ion:163 Resp: 114672
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.0 8.5 12.7



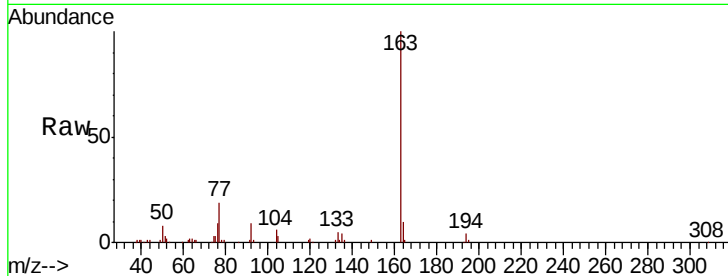
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



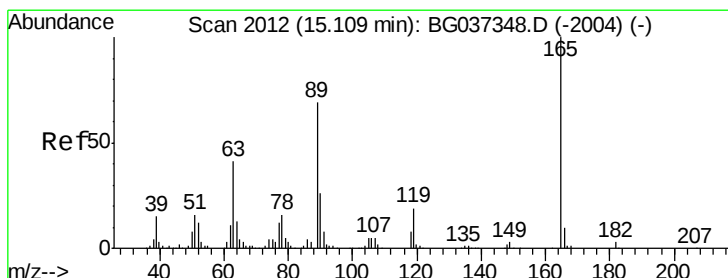
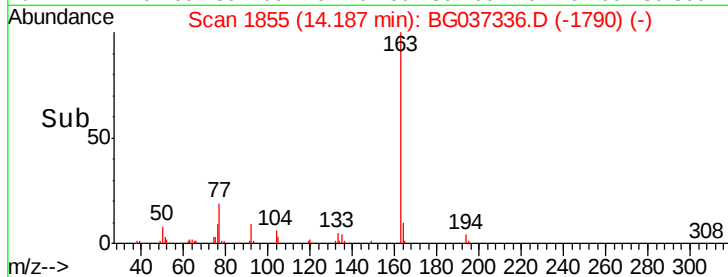
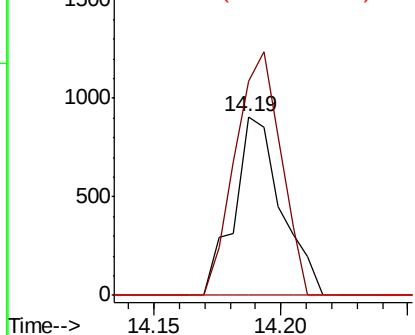


#51
 2,6-Dinitrotoluene
 Concen: 5.200 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. -0.15 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tot Ion:165 Resp: 1171
 Ion Ratio Lower Upper
 165 100
 63 120.2 43.4 65.2#
 89 0.0 45.8 68.6#

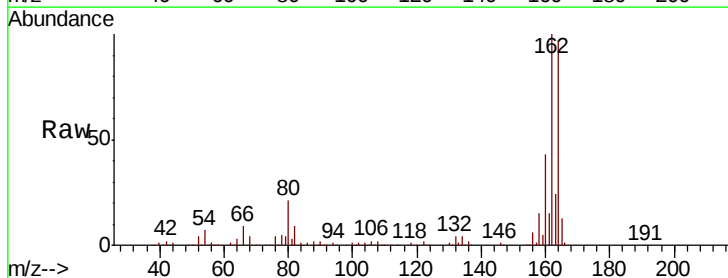


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

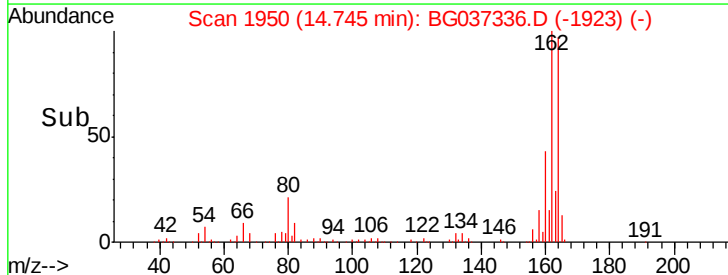
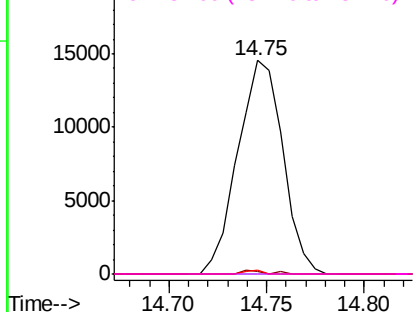


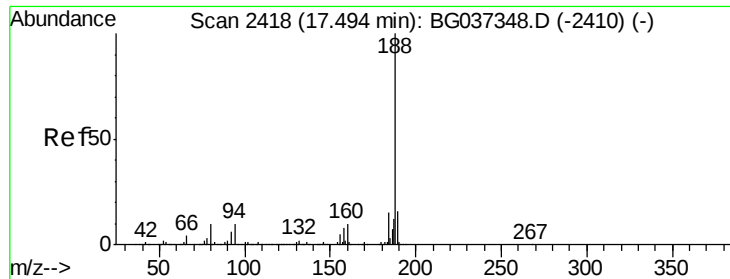
#57
 2,4-Dinitrotoluene
 Concen: 11.361 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tgt Ion:165 Resp: 23204
 Ion Ratio Lower Upper
 165 100
 63 1.2 33.4 50.0#
 89 1.5 57.2 85.8#
 182 0.0 2.6 4.0#



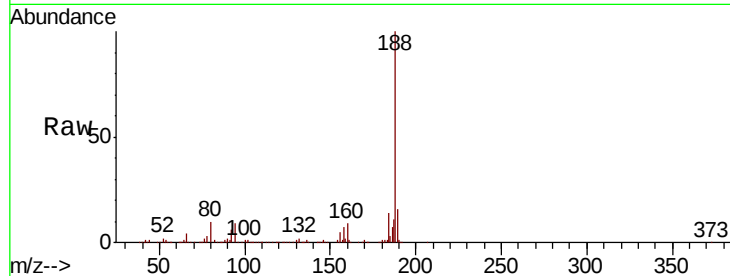
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E



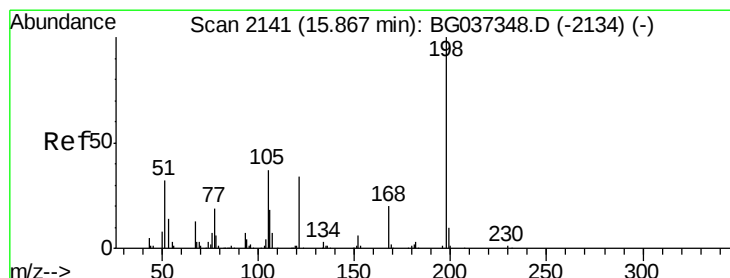
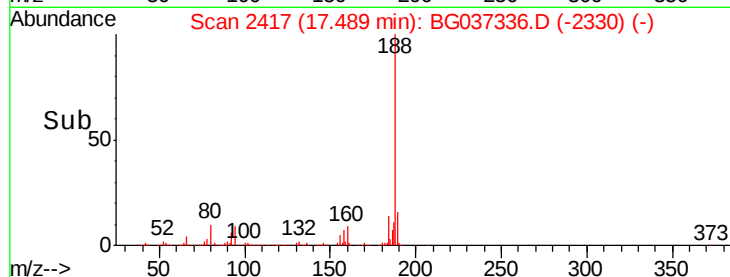
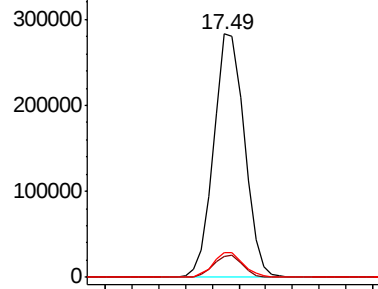


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	10.3	7.7	11.5

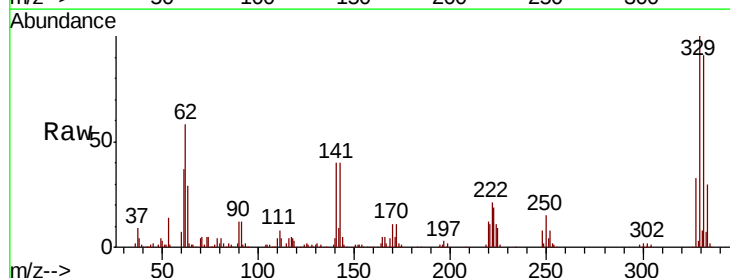


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

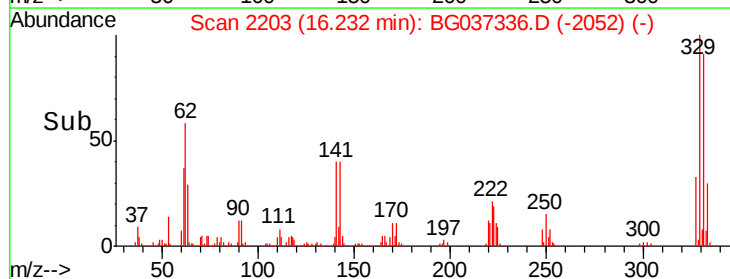
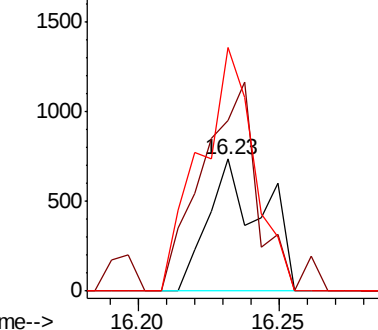


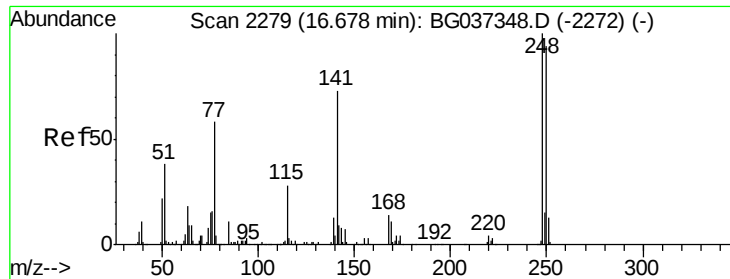
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.555 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. 0.36 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tgt Ion	Ratio	Lower	Upper
198	100		
51	27.4	22.7	62.7
105	39.2	19.7	59.7



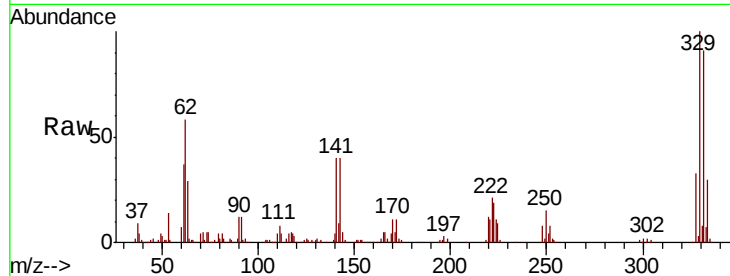
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E



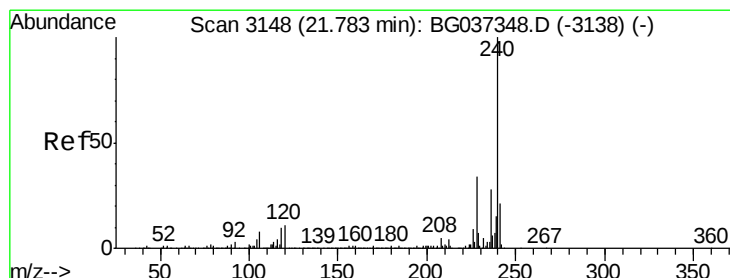
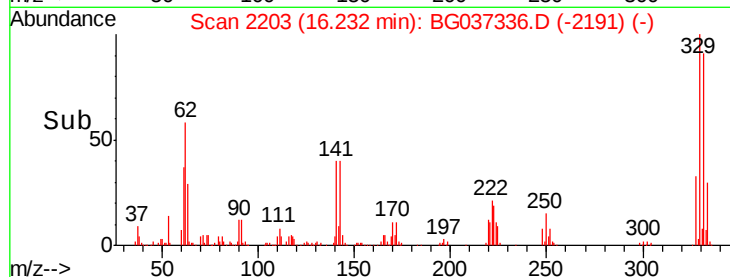
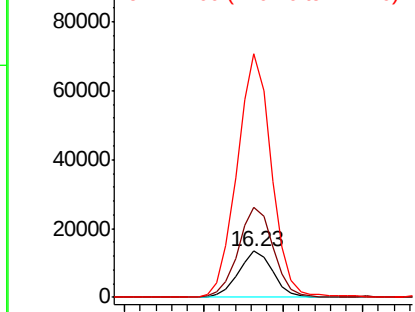


#67
 4-Bromophenyl-phenylether
 Concen: 4.178 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.46 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tot Ion:248 Resp: 20308
 Ion Ratio Lower Upper
 248 100
 250 192.3 77.0 115.6#
 141 401.3 55.5 83.3#

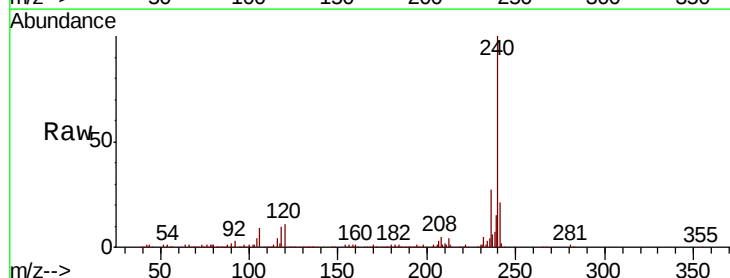


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

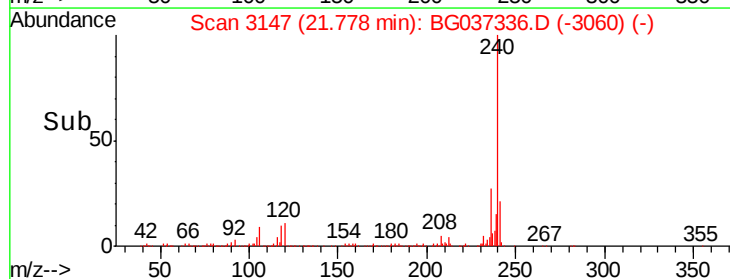
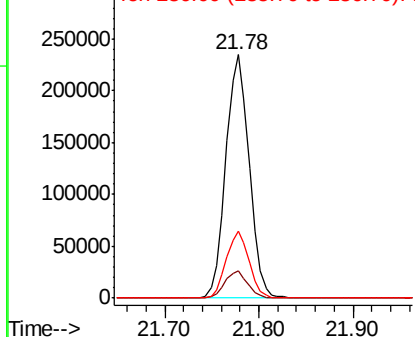


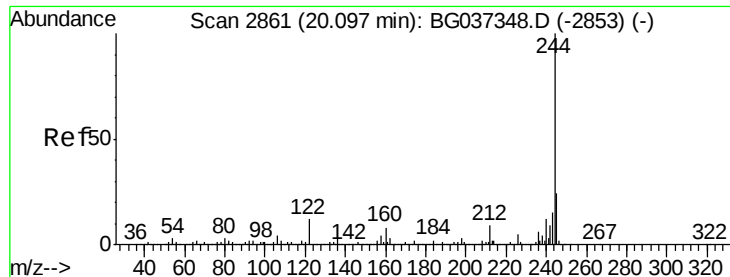
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.02 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tgt Ion:240 Resp: 405531
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.1 12.1
 236 27.3 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

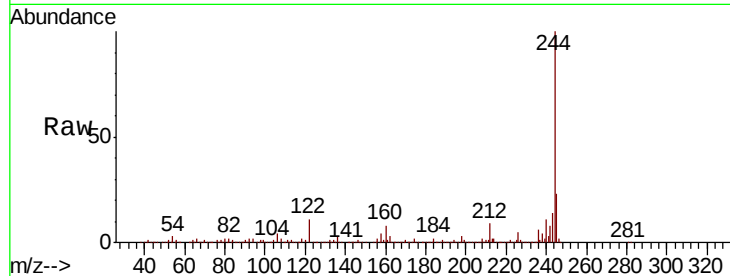




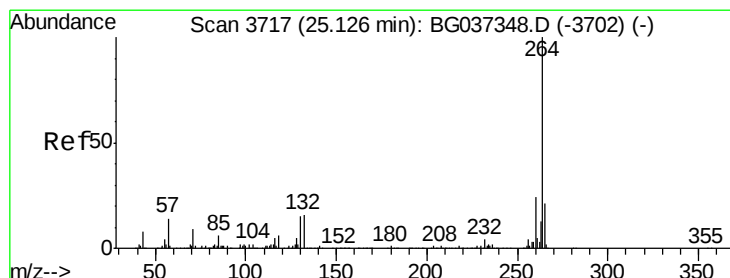
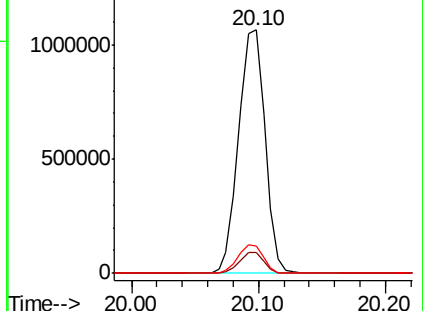
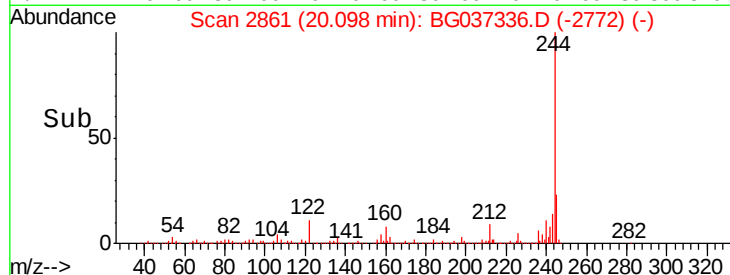
#79
 Terphenyl-d14
 Concen: 79.728 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. -0.01 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tot Ion:244 Resp: 1539811

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.5	9.7
122	11.2	9.0	13.4



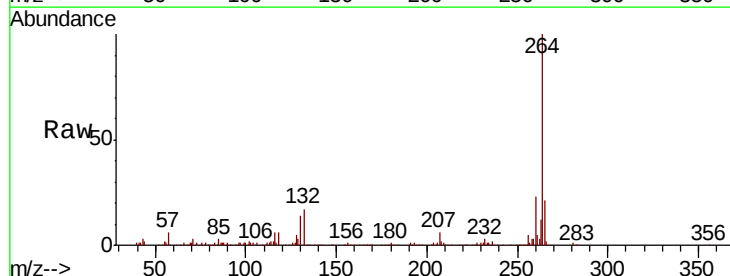
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG037336.D
 Acq: 15 Oct 2018 16:45

Tgt Ion:264 Resp: 409799

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	21.3	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

