

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101518\
 Data File : BG037342.D
 Acq On : 15 Oct 2018 20:38
 Operator : JU/SJ
 Sample : J5511-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 16 04:17:38 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	8.11	152	59018	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	264398	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	178753	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	451853	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	413016	20.00	ng	-0.02
87) Perylene-d12	25.12	264	413723	20.00	ng	-0.02

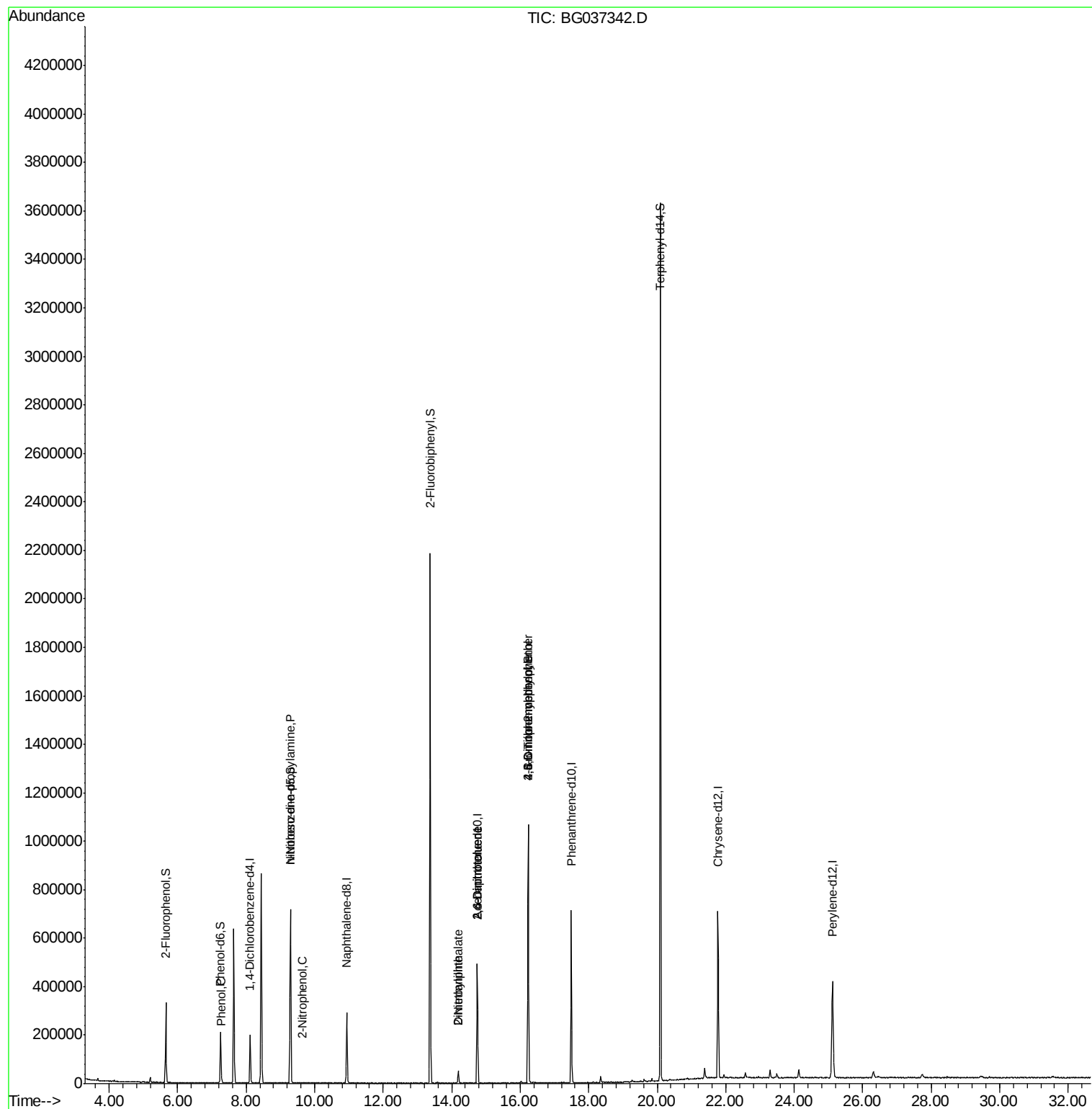
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	154854	46.18	ng	0.00
7) Phenol-d6	7.25	99	132240	25.98	ng	0.00
23) Nitrobenzene-d5	9.29	82	452486	112.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	194023	110.68	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1164754	97.85	ng	-0.01
79) Terphenyl-d14	20.09	244	1676191	85.22	ng	-0.01

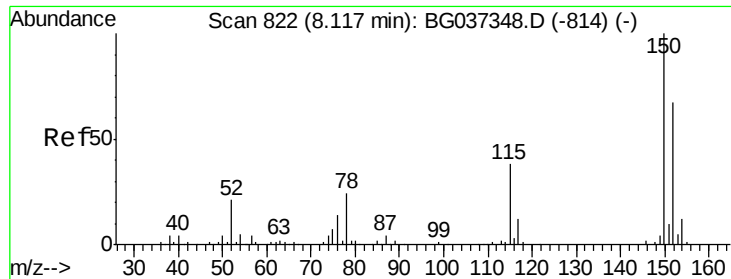
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.28	94	11262	2.101	ng	96
19) n-Nitroso-di-n-propylamine	9.29	70	57213	14.846	ng	# 72
26) 2-Nitrophenol	9.64	139	69	2.197	ng	# 34
48) 2-Nitroaniline	14.19	65	305	5.844	ng	# 1
50) Dimethylphthalate	14.19	163	39817	2.834	ng	99
51) 2,6-Dinitrotoluene	14.75	165	22291	12.161	ng	# 25
57) 2,4-Dinitrotoluene	14.75	165	22291	11.070	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.23	198	520	6.268	ng	75
67) 4-Bromophenyl-phenylether	16.23	248	13535	2.775	ng	# 1

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

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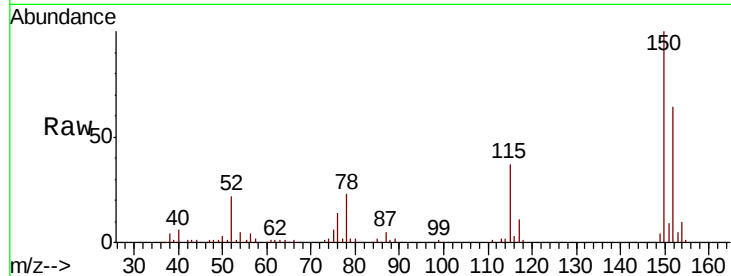




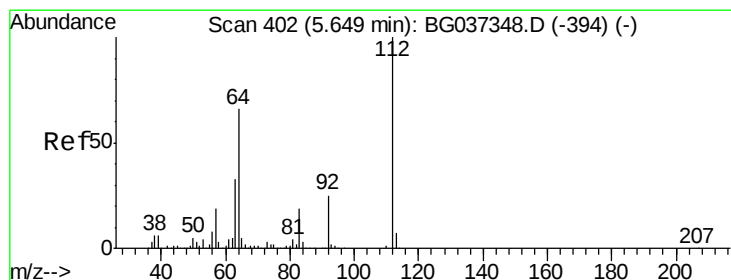
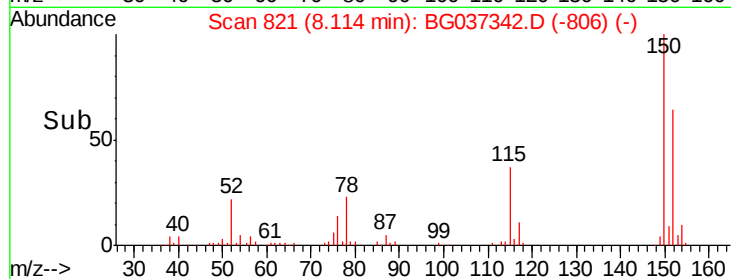
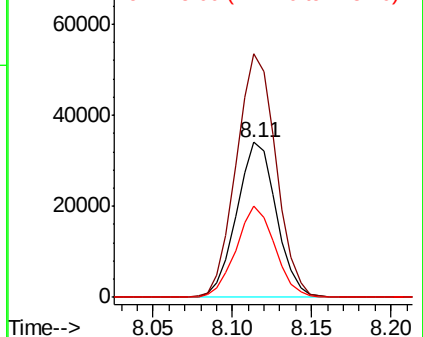
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.0	189.0
115	58.7	45.5	68.3



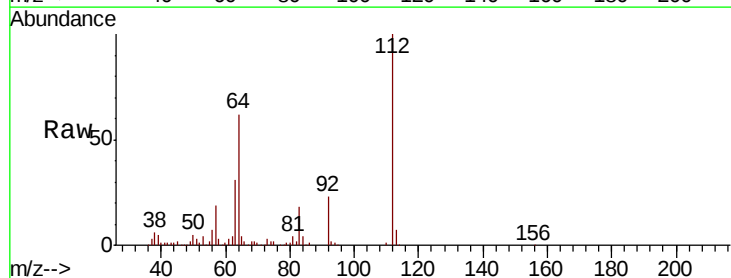
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



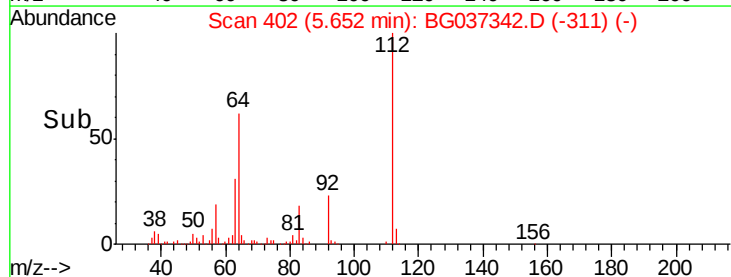
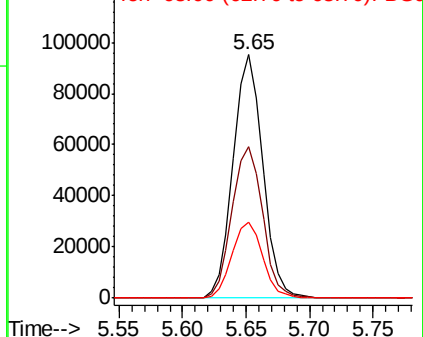
#5

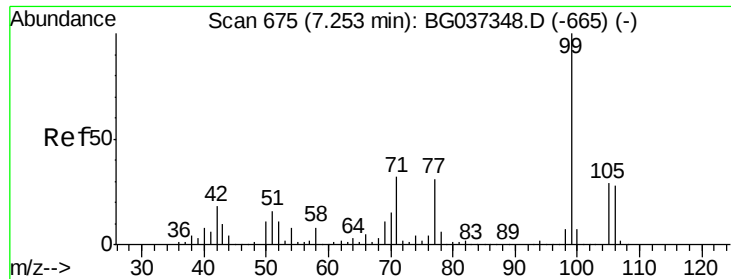
2-Fluorophenol
Concen: 46.177 ng
RT: 5.65 min Scan# 402
Delta R.T. 0.00 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	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: 25.980 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037342.D

Acq: 15 Oct 2018 20:38

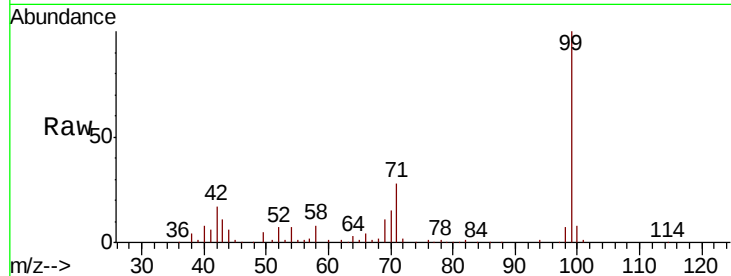
Tot Ion: 99 Resp: 132240

Ion Ratio Lower Upper

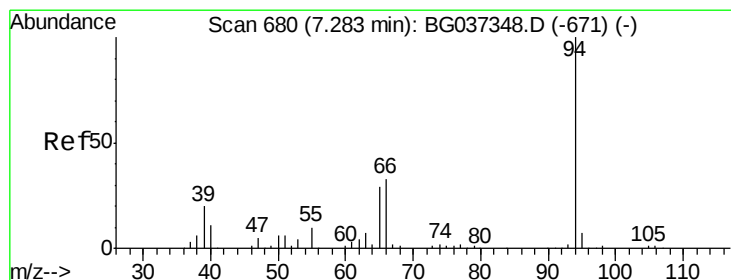
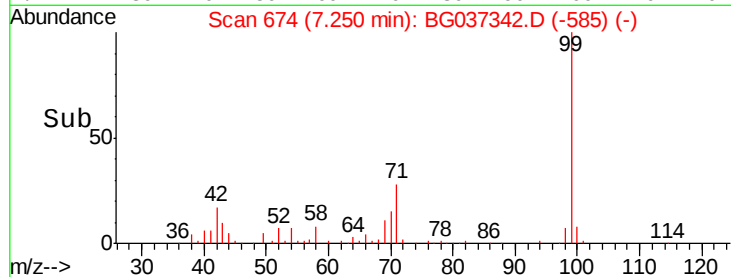
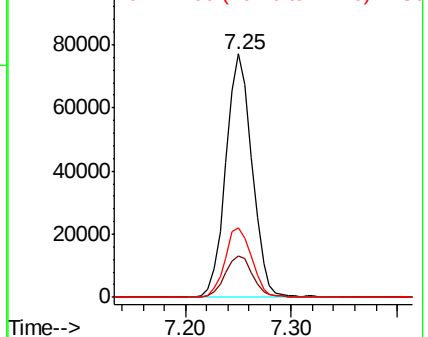
99 100

42 17.2 15.0 22.4

71 28.4 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: 2.101 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG037342.D

Acq: 15 Oct 2018 20:38

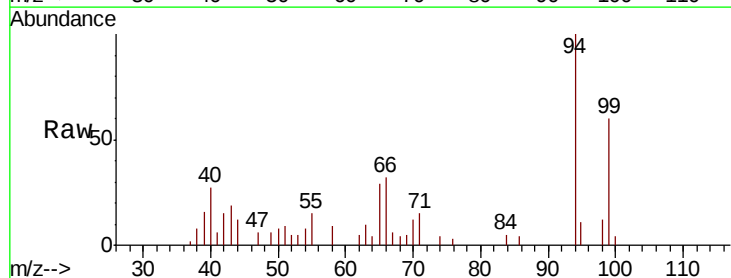
Tgt Ion: 94 Resp: 11262

Ion Ratio Lower Upper

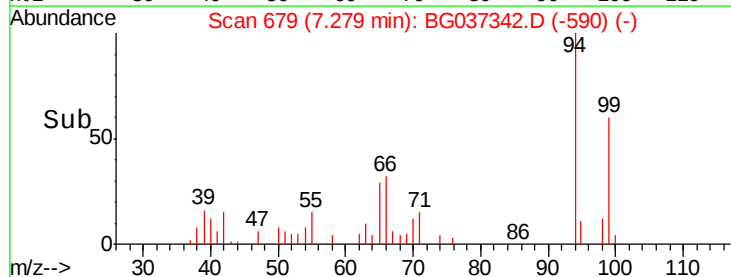
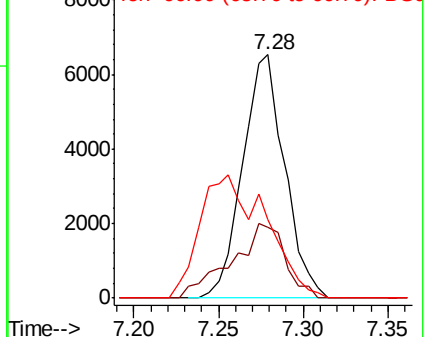
94 100

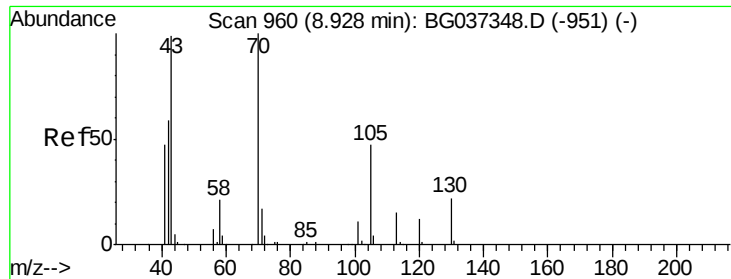
65 29.1 9.7 49.7

66 32.1 15.9 55.9



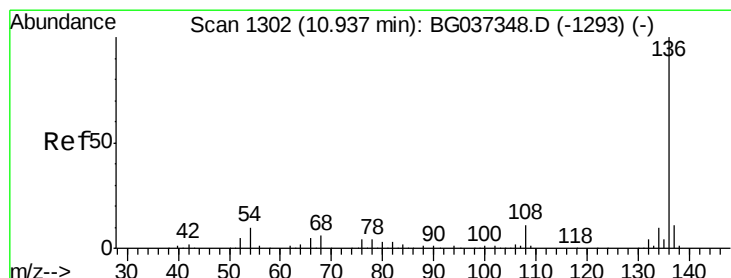
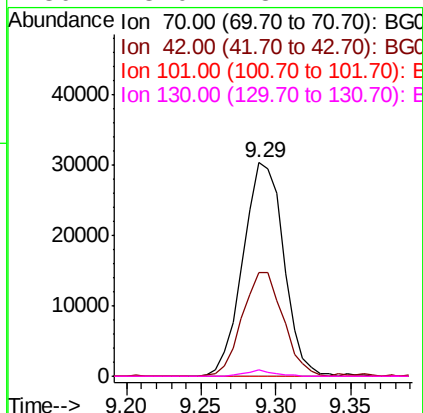
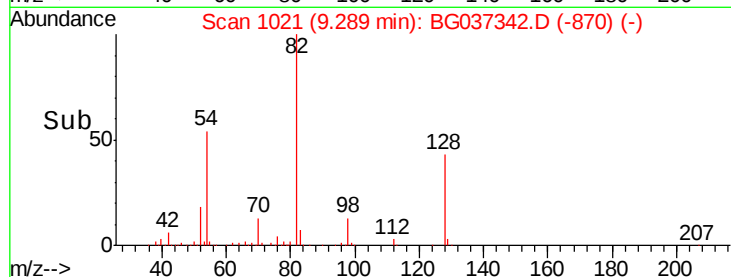
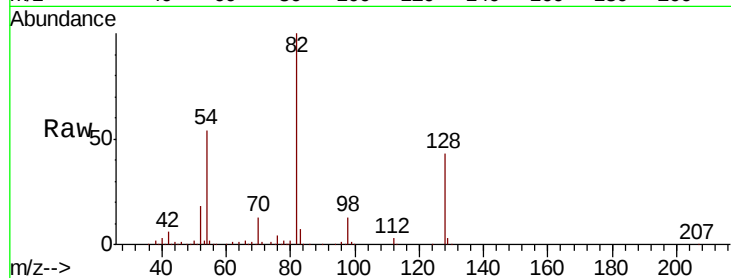
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





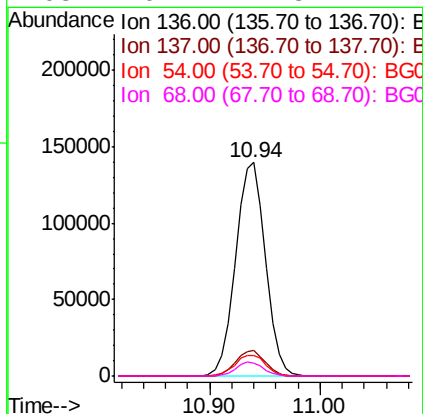
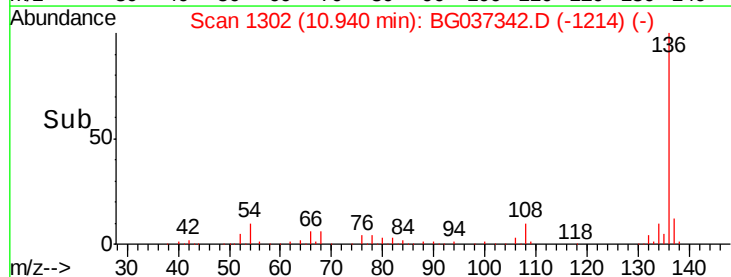
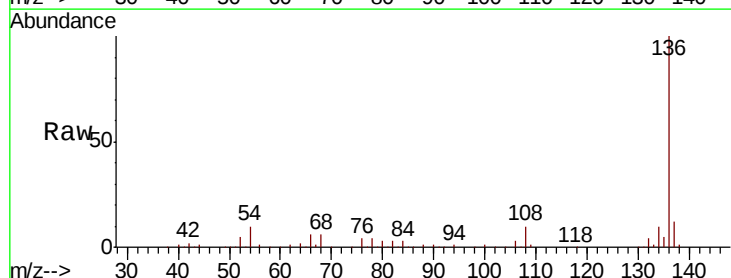
#19
n-Nitroso-di-n-propylamine
Concen: 14.846 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.36 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

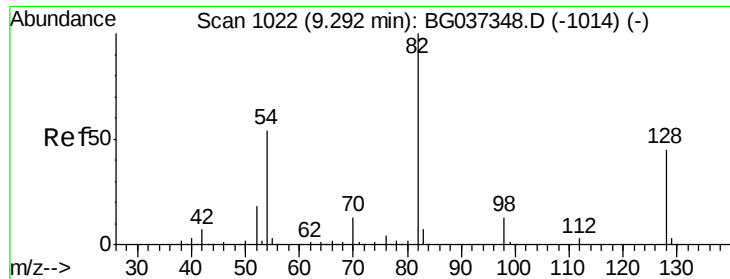
Tot Ion: 70 Resp: 57213
Ion Ratio Lower Upper
70 100
42 48.4 53.9 80.9#
101 0.0 8.2 12.2#
130 3.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

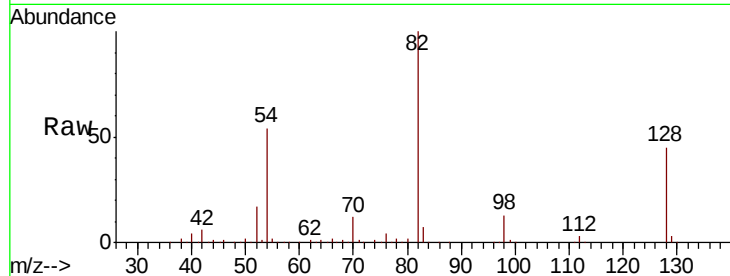
Tgt Ion: 136 Resp: 264398
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 9.6 7.9 11.9
68 6.2 4.8 7.2



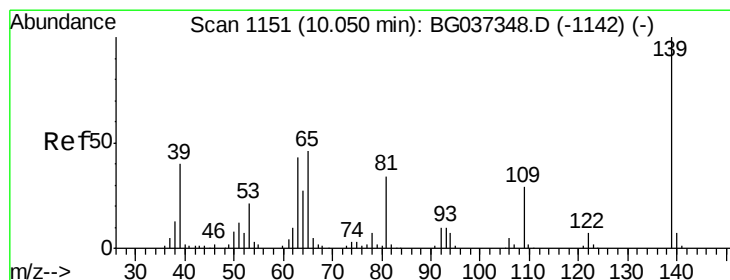
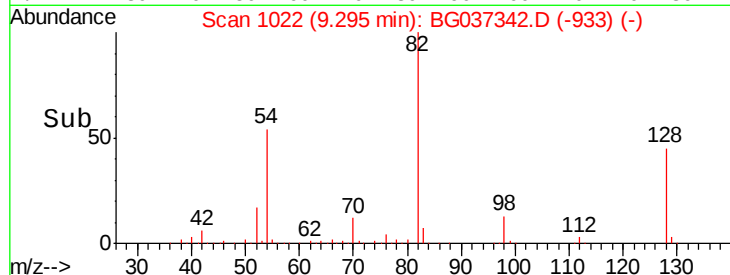
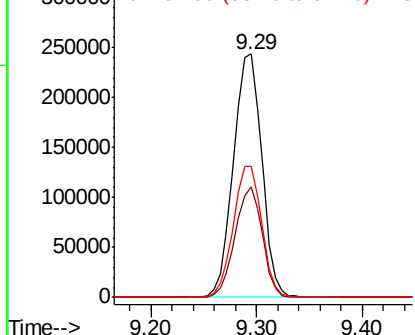


#23
 Nitrobenzene-d5
 Concen: 112.515 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG037342.D
 Acq: 15 Oct 2018 20:38

Tot Ion	82	Resp	452486
Ion Ratio	100	Lower	Upper
128	45.2	34.6	51.8
54	53.7	45.3	67.9

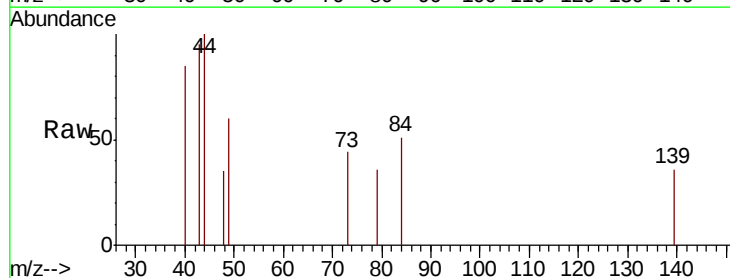


Abundance Ion 82.00 (81.70 to 82.70): BGD
 Ion 128.00 (127.70 to 128.70): BGD
 Ion 54.00 (53.70 to 54.70): BGD

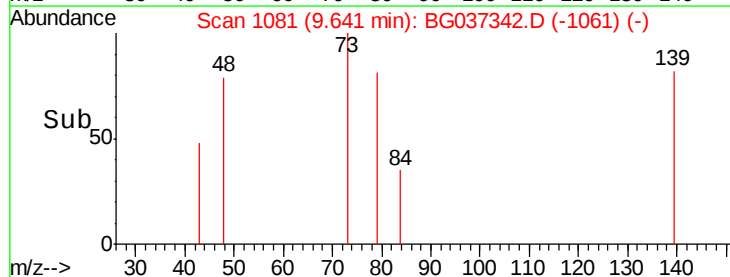
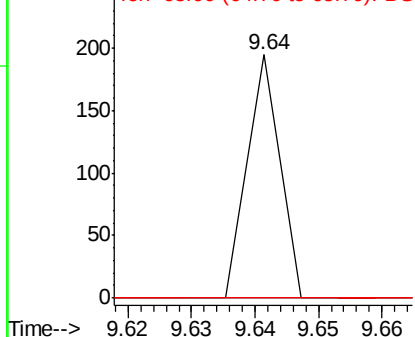


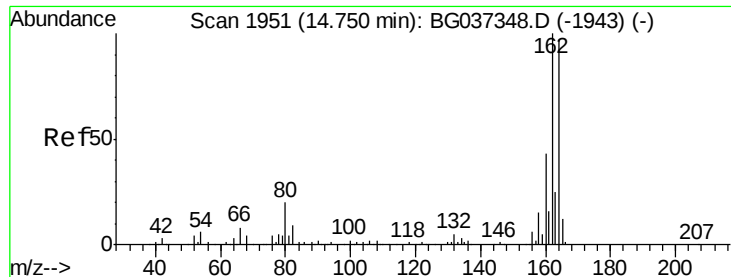
#26
 2-Nitrophenol
 Concen: 2.197 ng
 RT: 9.64 min Scan# 1081
 Delta R.T. -0.41 min
 Lab File: BG037342.D
 Acq: 15 Oct 2018 20:38

Tgt Ion	139	Resp	69
Ion Ratio	100	Lower	Upper
109	0.0	23.3	34.9#
65	0.0	39.8	59.8#



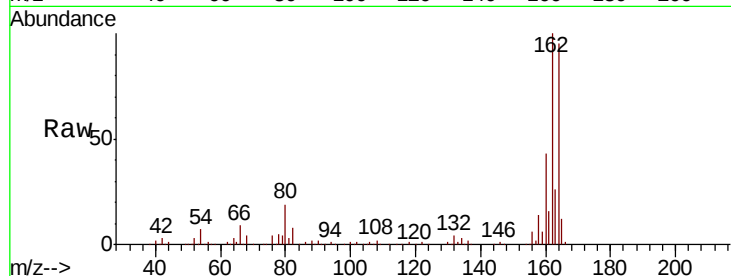
Abundance Ion 139.00 (138.70 to 139.70): BGD
 Ion 109.00 (108.70 to 109.70): BGD
 Ion 65.00 (64.70 to 65.70): BGD





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.3	121.9
160	45.5	36.3	54.5

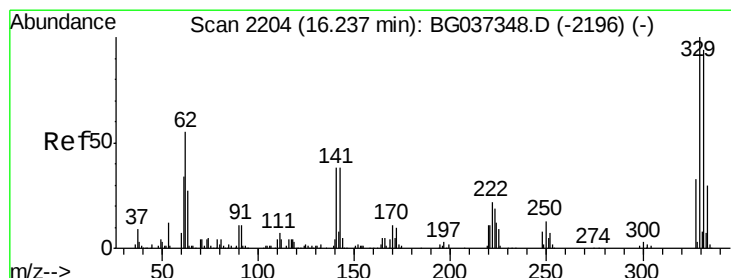
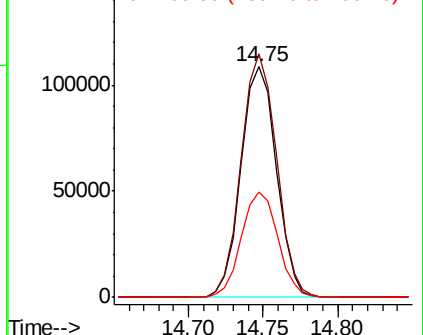
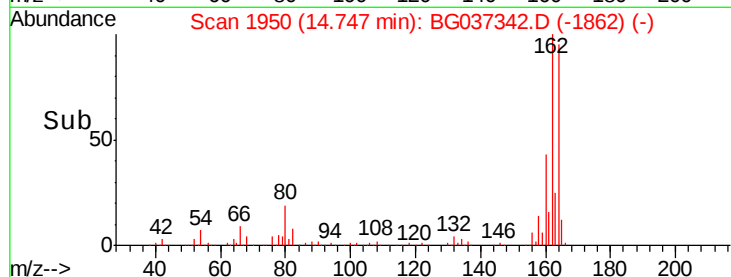


Abundance

Ion 164.00 (163.70 to 164.70): E

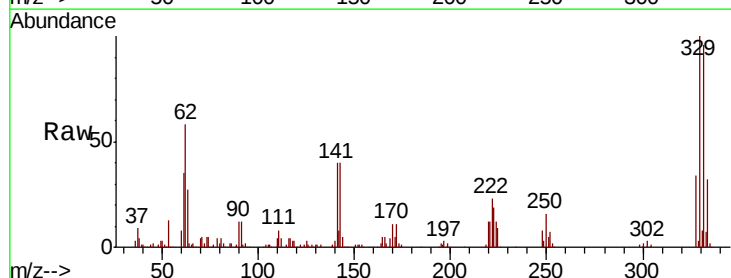
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 110.676 ng
RT: 16.23 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	40.5	32.2	48.2

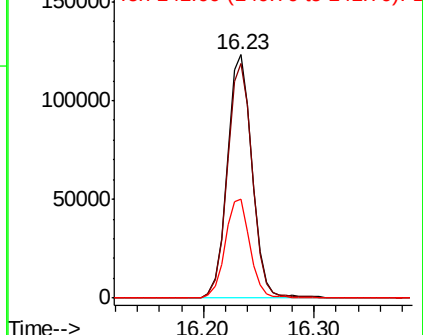
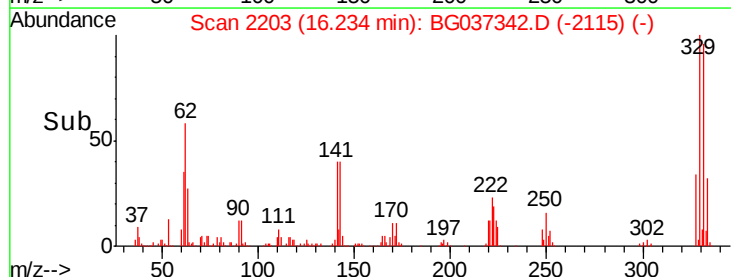


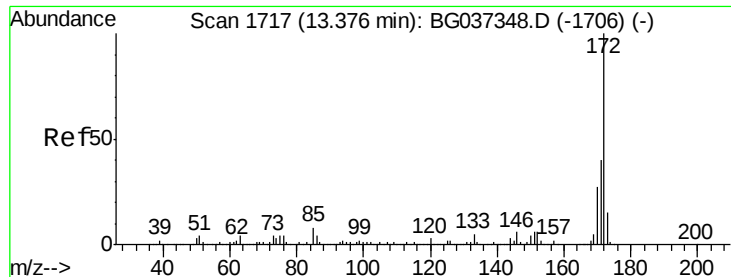
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

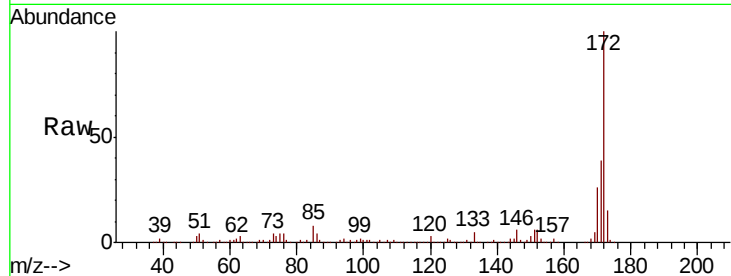
Ion 141.00 (140.70 to 141.70): E



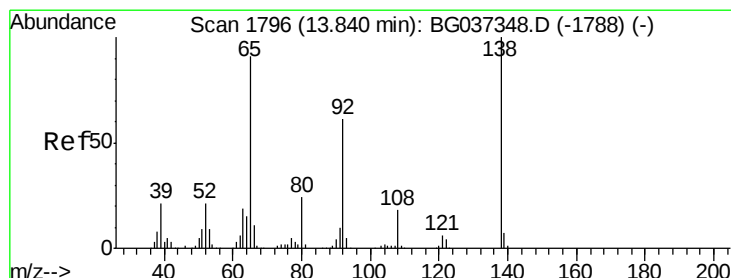
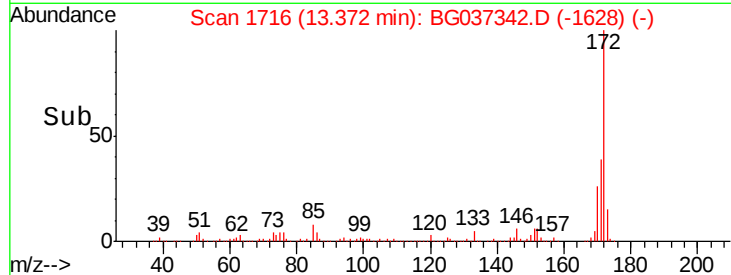
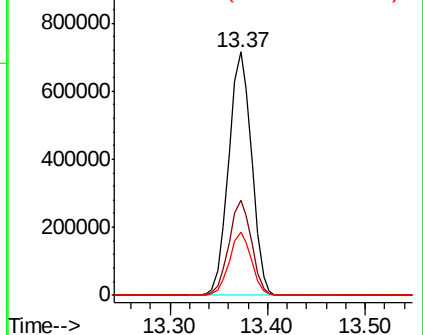


#45
2-Fluorobiphenyl
Concen: 97.855 ng
RT: 13.37 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

Tot Ion:172 Resp: 1164754
Ion Ratio Lower Upper
172 100
171 39.3 31.0 46.4
170 25.8 20.2 30.2

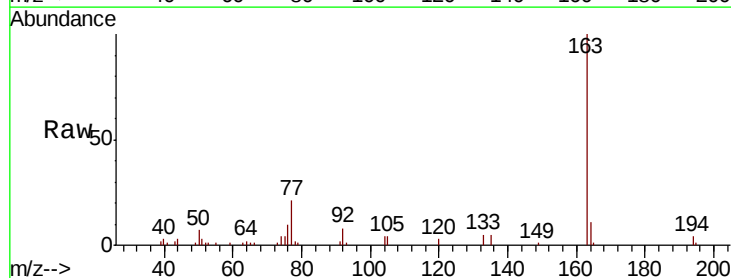


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

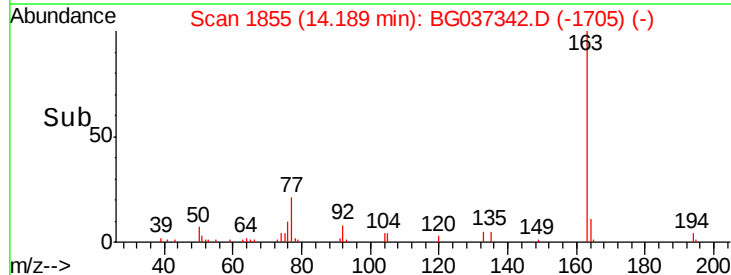
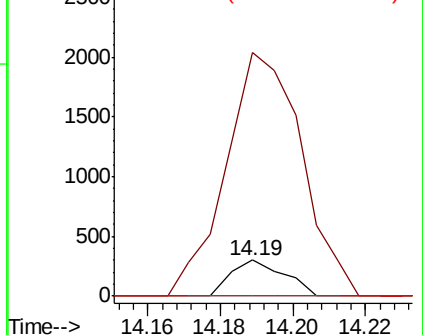


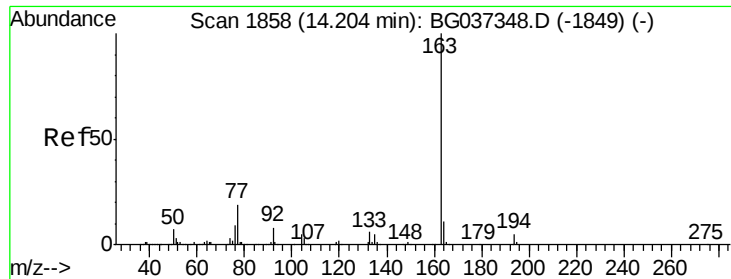
#48
2-Nitroaniline
Concen: 5.844 ng
RT: 14.19 min Scan# 1855
Delta R.T. 0.35 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

Tgt Ion: 65 Resp: 305
Ion Ratio Lower Upper
65 100
92 677.4 53.2 79.8#
138 0.0 79.3 118.9#



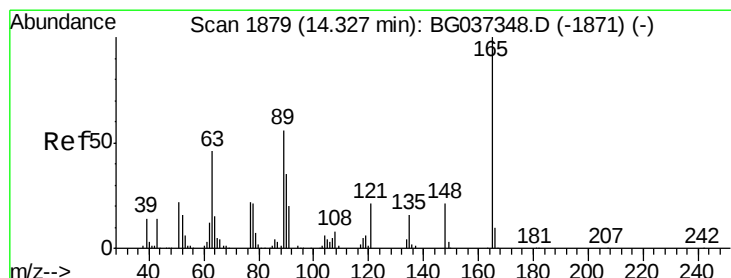
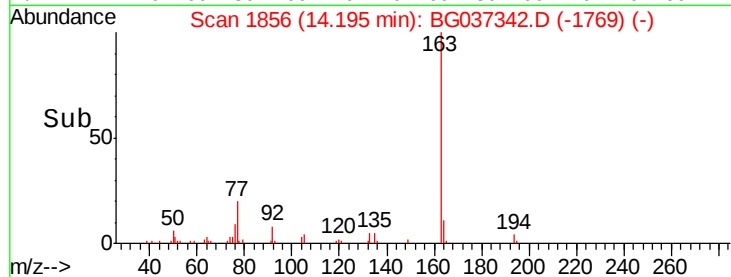
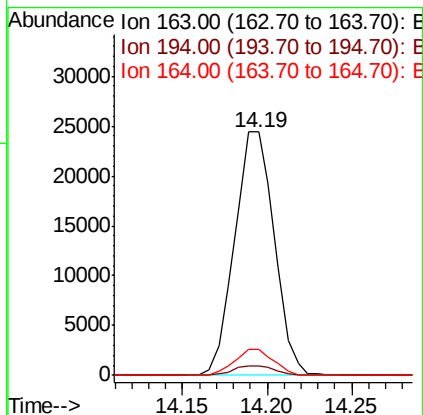
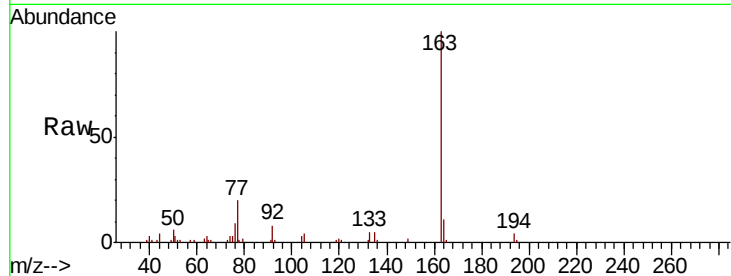
Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





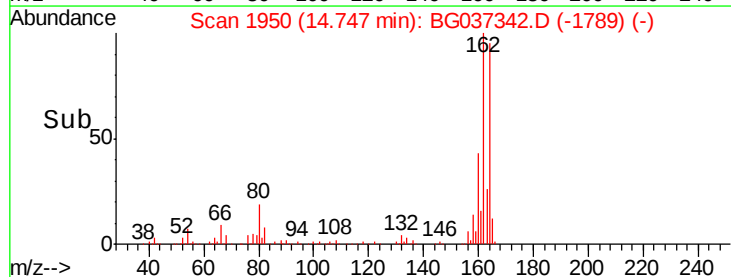
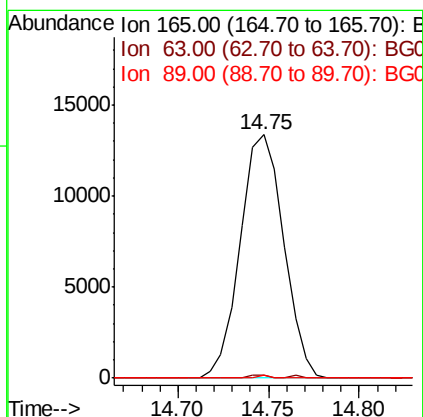
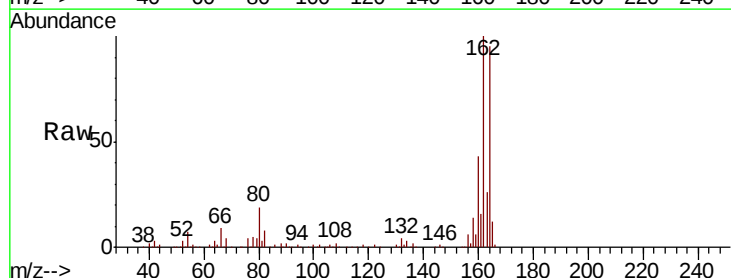
#50
Dimethylphthalate
Concen: 2.834 ng
RT: 14.19 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

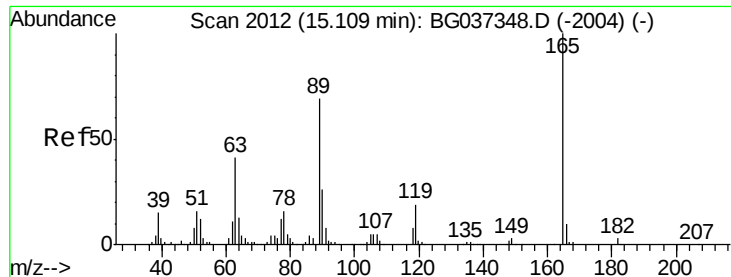
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.9	8.5	12.7



#51
2,6-Dinitrotoluene
Concen: 12.161 ng
RT: 14.75 min Scan# 1950
Delta R.T. 0.41 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

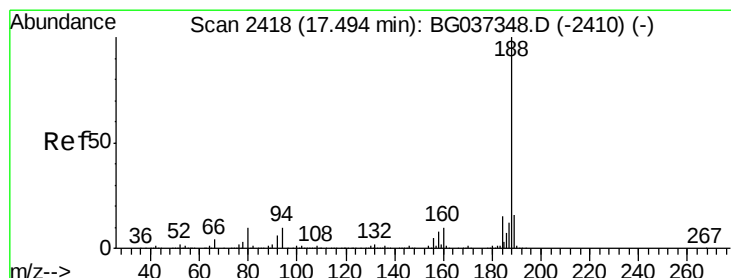
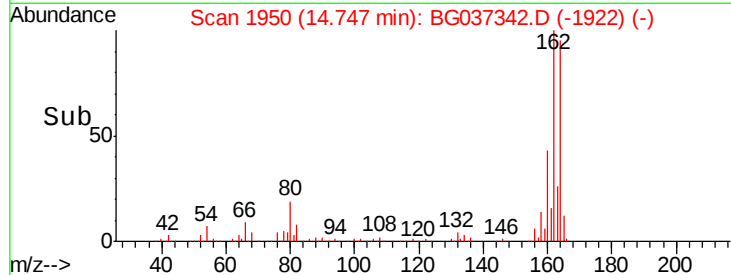
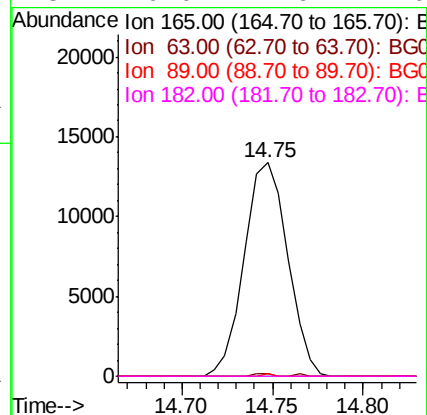
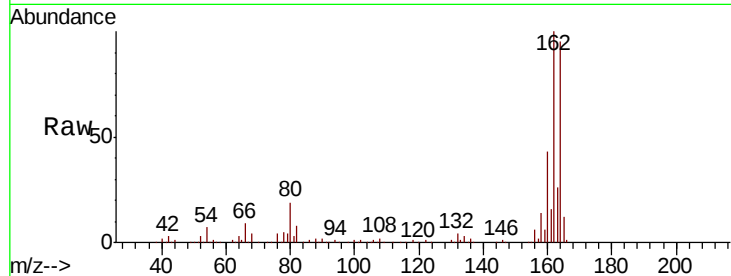
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.4	65.2#
89	1.4	45.8	68.6#





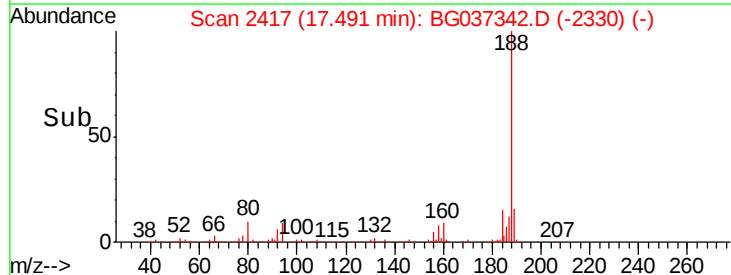
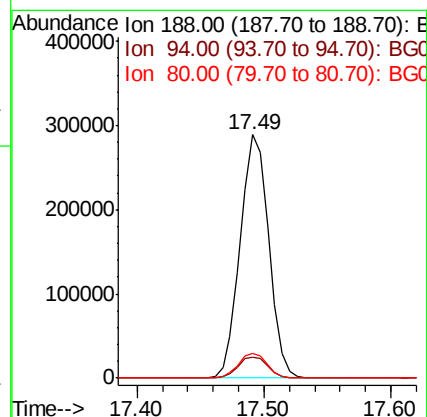
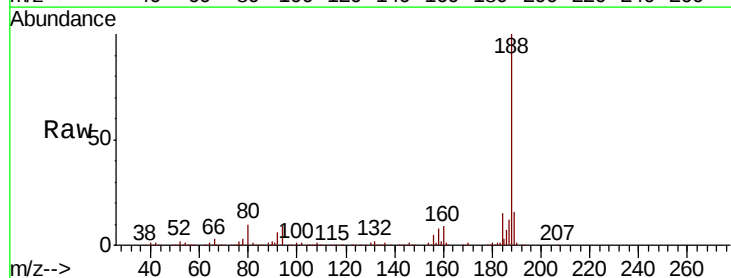
#57
 2,4-Dinitrotoluene
 Concen: 11.070 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.37 min
 Lab File: BG037342.D
 Acq: 15 Oct 2018 20:38

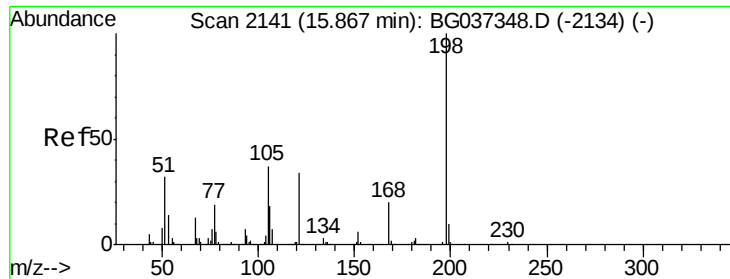
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.4	50.0#
89	1.4	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2417
 Delta R.T. -0.02 min
 Lab File: BG037342.D
 Acq: 15 Oct 2018 20:38

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





#65

4,6-Dinitro-2-methylphenol

Concen: 6.268 ng

RT: 16.23 min Scan# 2203

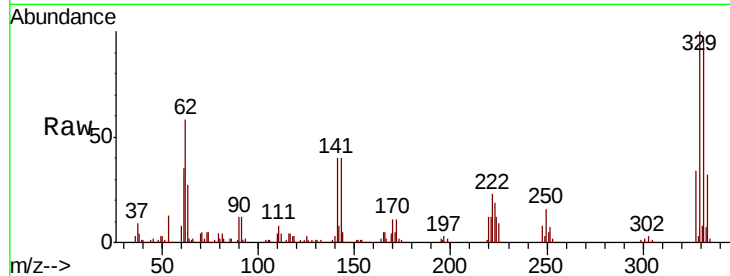
Delta R.T. 0.36 min

Lab File: BG037342.D

Acq: 15 Oct 2018 20:38

Tot Ion:198 Resp: 520

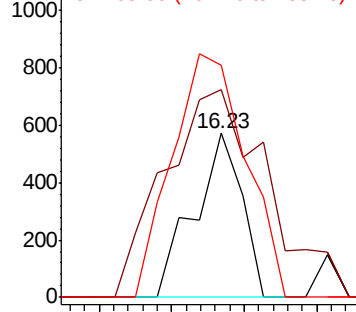
Ion	Ratio	Lower	Upper
198	100		
51	24.3	22.7	62.7
105	27.1	19.7	59.7



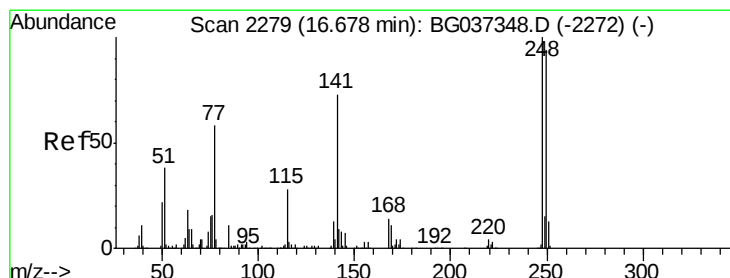
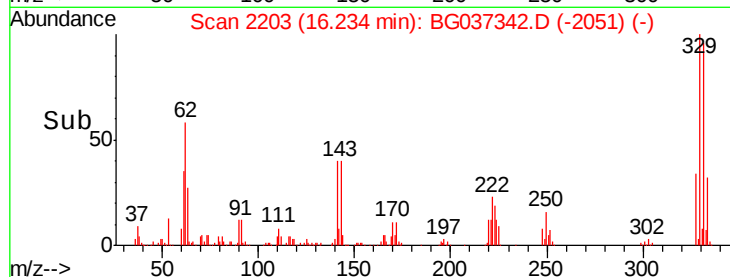
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.775 ng

RT: 16.23 min Scan# 2203

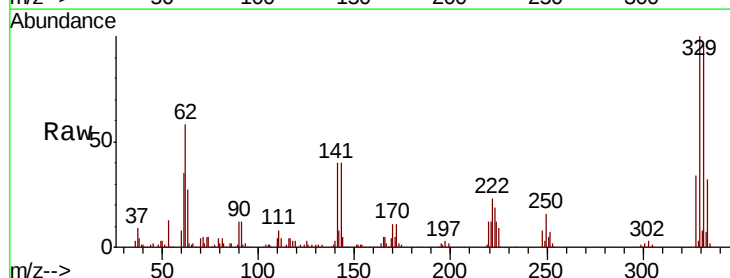
Delta R.T. -0.46 min

Lab File: BG037342.D

Acq: 15 Oct 2018 20:38

Tgt Ion:248 Resp: 13535

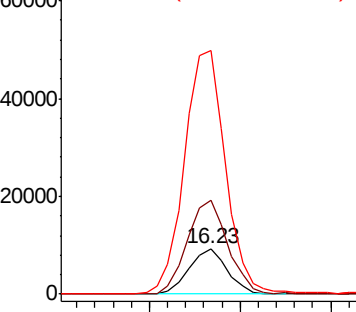
Ion	Ratio	Lower	Upper
248	100		
250	197.8	77.0	115.6#
141	393.9	55.5	83.3#



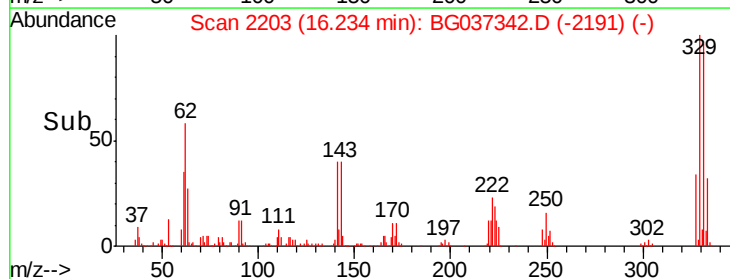
Abundance Ion 248.00 (247.70 to 248.70): E

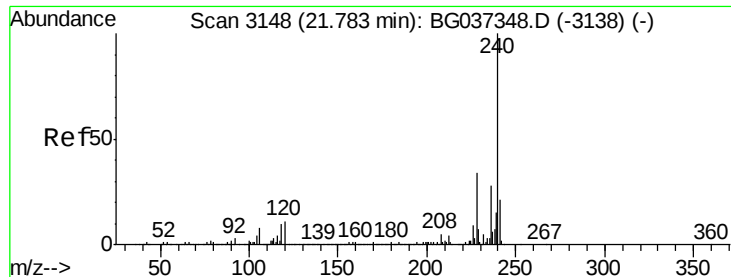
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



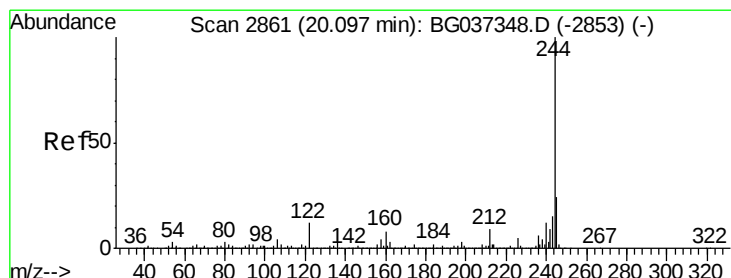
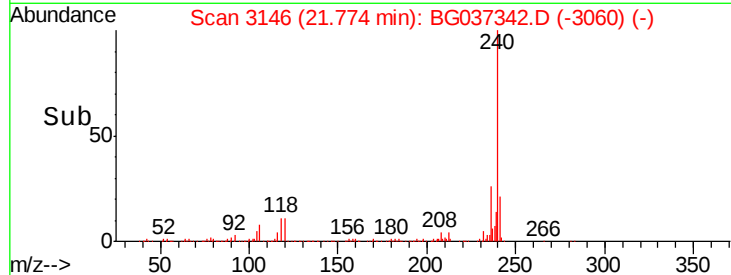
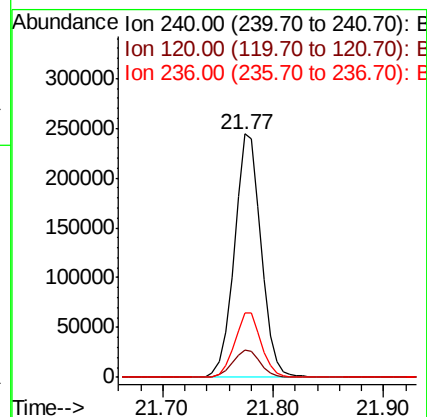
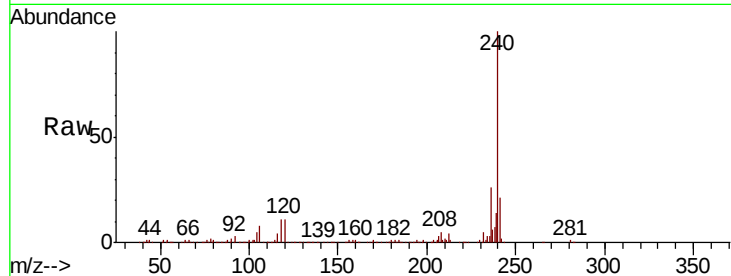
Time-->





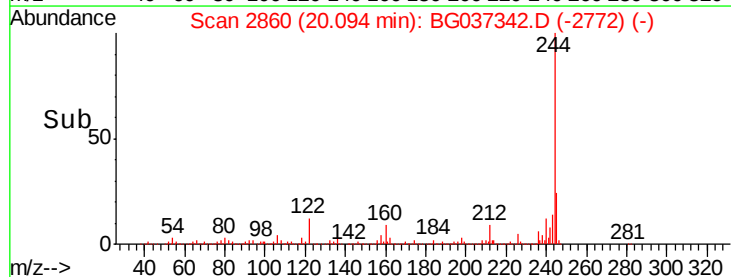
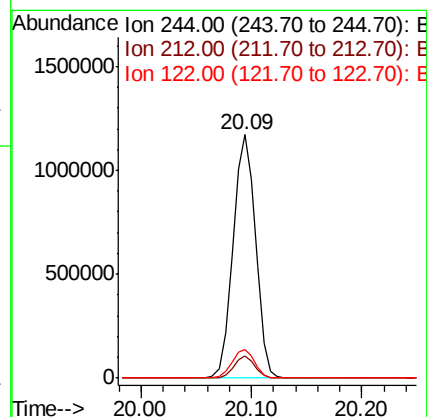
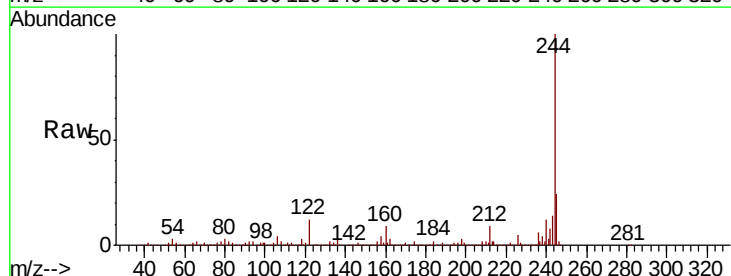
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

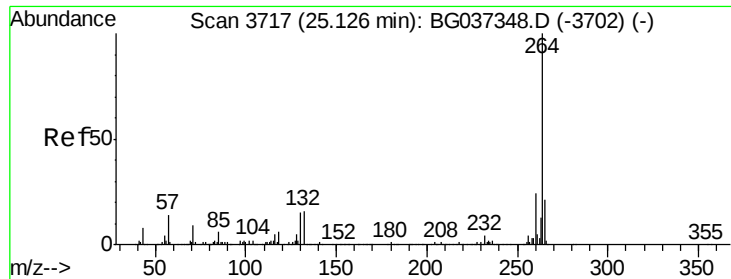
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	26.4	21.4	32.0



#79
Terphenyl-d14
Concen: 85.217 ng
RT: 20.09 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

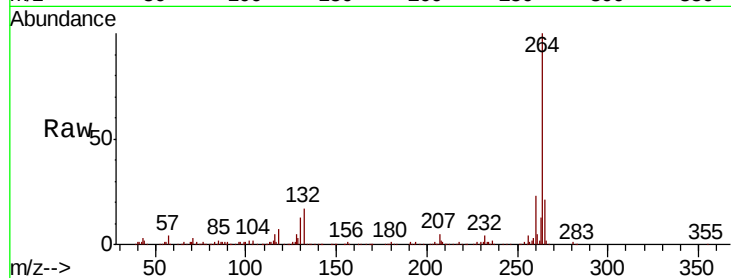
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	12.0	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.12 min Scan# 3716
Delta R.T. -0.02 min
Lab File: BG037342.D
Acq: 15 Oct 2018 20:38

Tot Ion:	264	Resp:	413723
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	20.9	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

