

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037890.D
 Acq On : 8 Nov 2018 17:57
 Operator : JU/SJ
 Sample : J5844-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

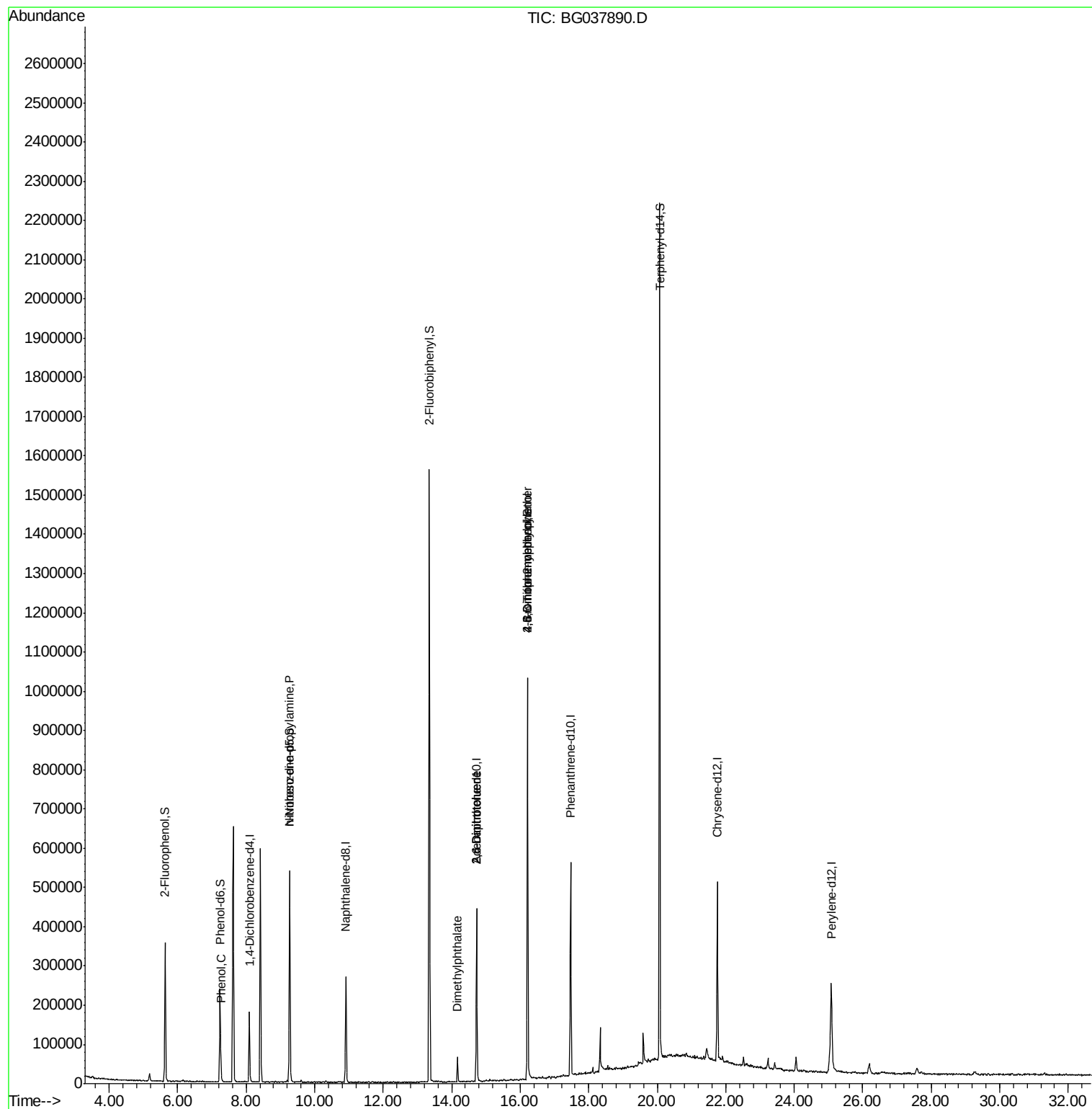
Quant Time: Nov 09 14:41:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

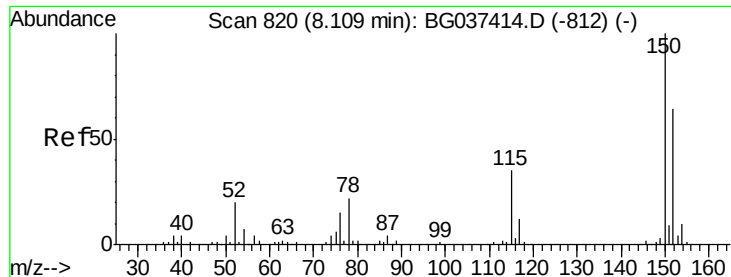
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	55553	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	253987	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	162954	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	346669	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	301807	20.00	ng	-0.02
87) Perylene-d12	25.08	264	294018	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	168605	50.74	ng	-0.01
7) Phenol-d6	7.24	99	158045	31.45	ng	-0.01
23) Nitrobenzene-d5	9.27	82	352727	77.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	198376	111.62	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	857285	79.33	ng	-0.02
79) Terphenyl-d14	20.07	244	1083627	76.72	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.26	94	23264	4.388	ng	99
19) n-Nitroso-di-n-propylamine	9.27	70	44075	12.739	ng	# 69
50) Dimethylphthalate	14.17	163	46824	3.714	ng	# 95
51) 2,6-Dinitrotoluene	14.72	165	21610	7.749	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	21610	5.903	ng	# 25
65) 4,6-Dinitro-2-methylphenol	16.21	198	545	8.754	ng	91
67) 4-Bromophenyl-phenylether	16.22	248	14492	3.807	ng	# 1

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

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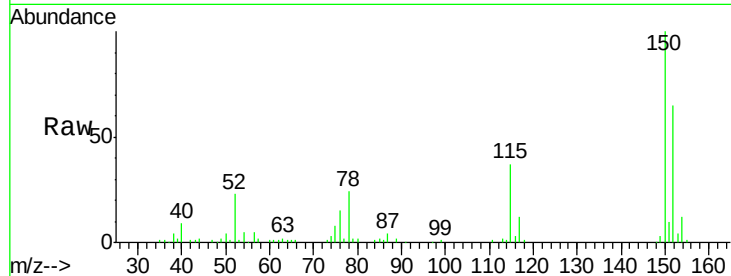




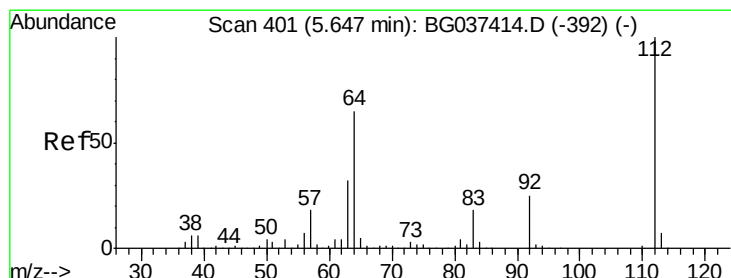
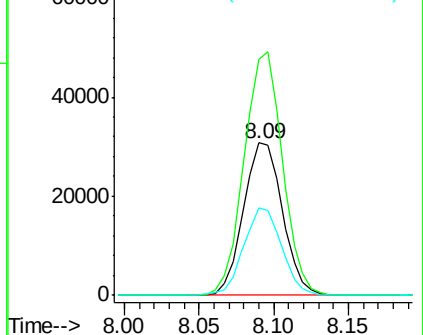
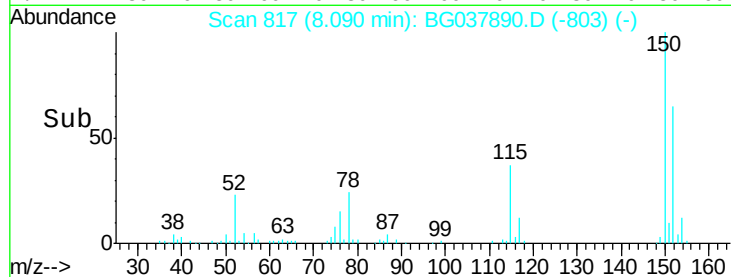
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion:152 Resp: 55553
Ion Ratio Lower Upper
152 100
150 154.9 126.0 189.0
115 57.8 45.5 68.3



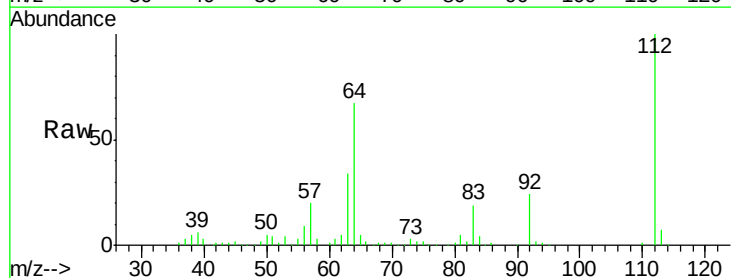
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



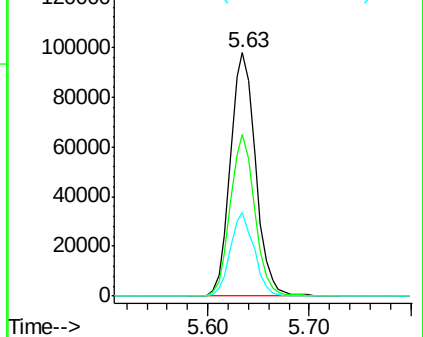
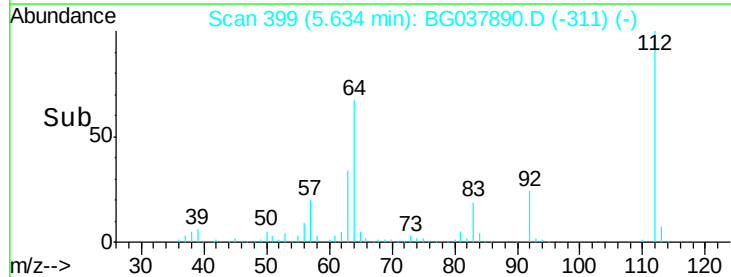
#5

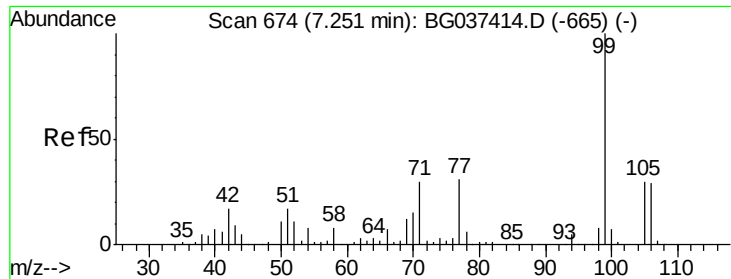
2-Fluorophenol
Concen: 50.741 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion:112 Resp: 168605
Ion Ratio Lower Upper
112 100
64 66.6 53.1 79.7
63 34.2 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: 31.455 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

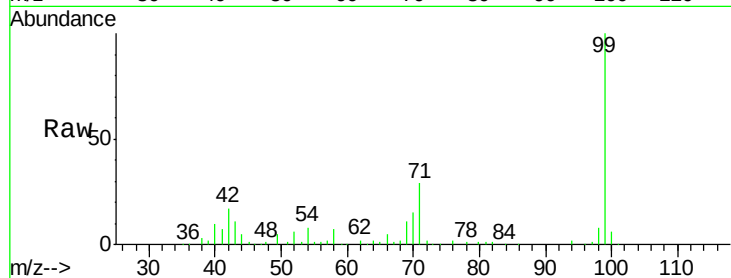
Tgt Ion: 99 Resp: 158045

Ion Ratio Lower Upper

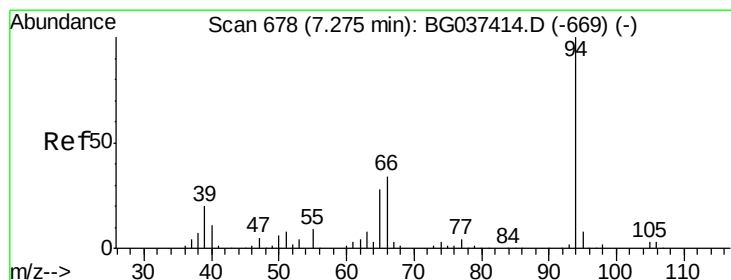
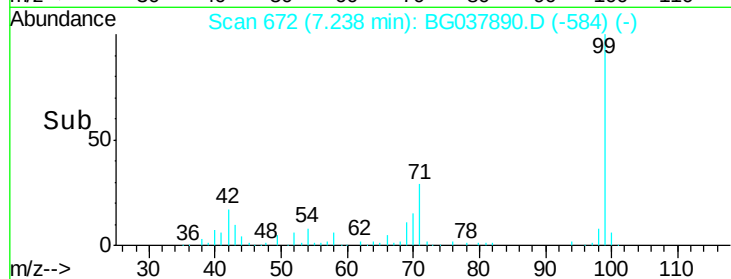
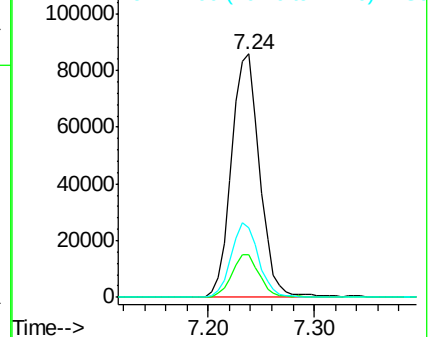
99 100

42 17.4 15.0 22.4

71 28.5 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: 4.388 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

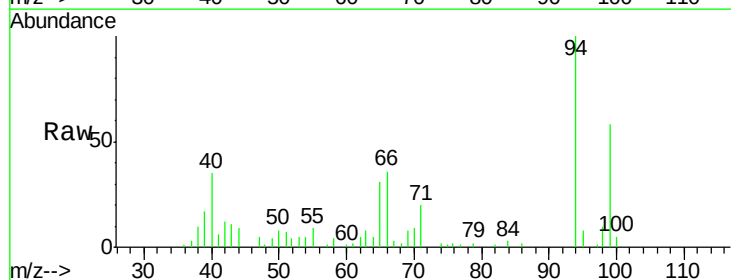
Tgt Ion: 94 Resp: 23264

Ion Ratio Lower Upper

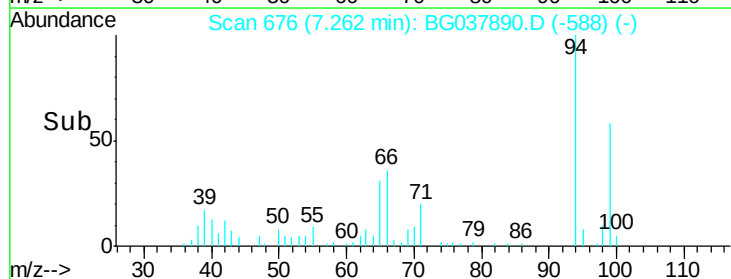
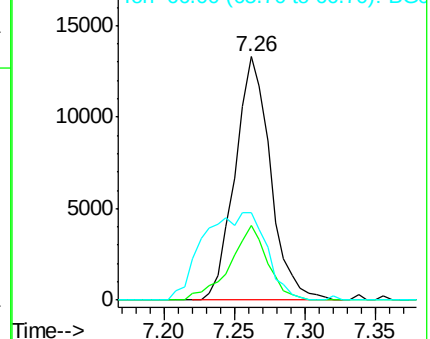
94 100

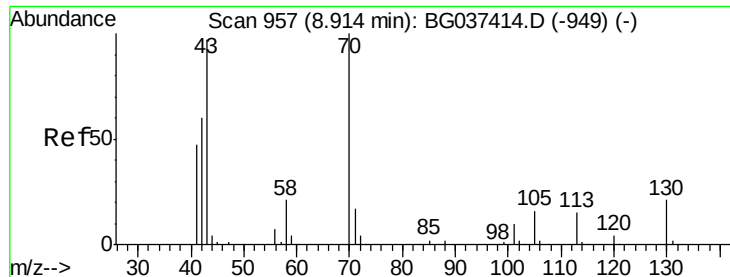
65 30.8 9.7 49.7

66 36.1 15.9 55.9



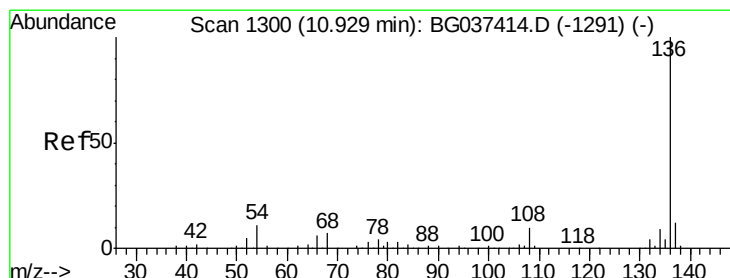
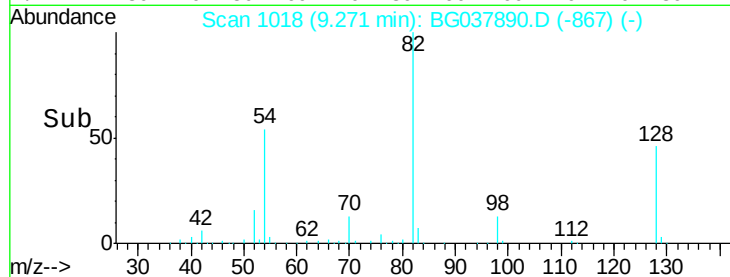
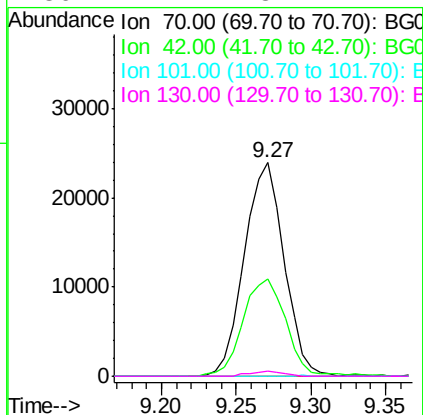
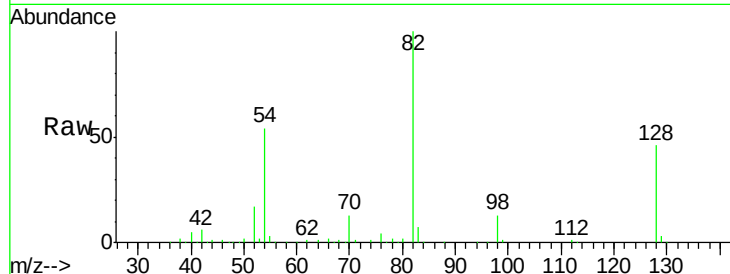
Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





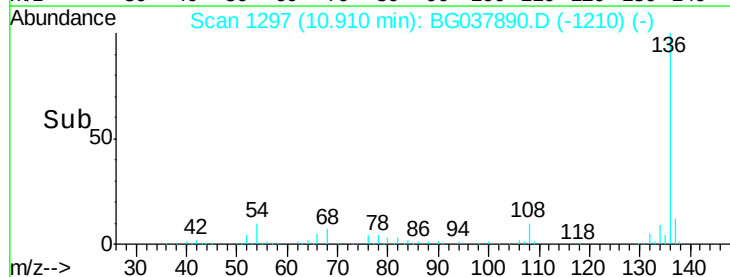
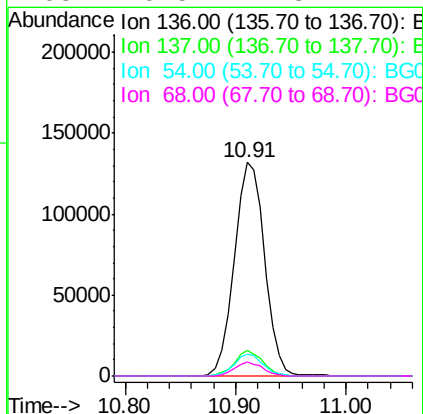
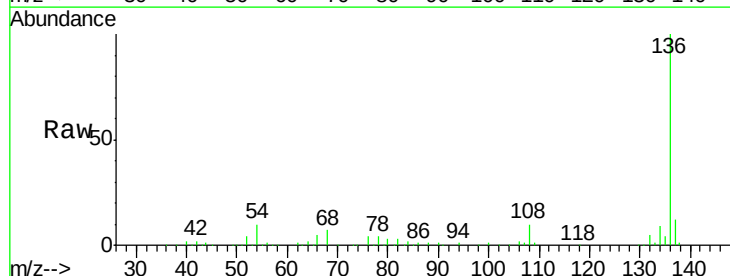
#19
n-Nitroso-di-n-propylamine
Concen: 12.739 ng
RT: 9.27 min Scan# 1018
Delta R.T. 0.36 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

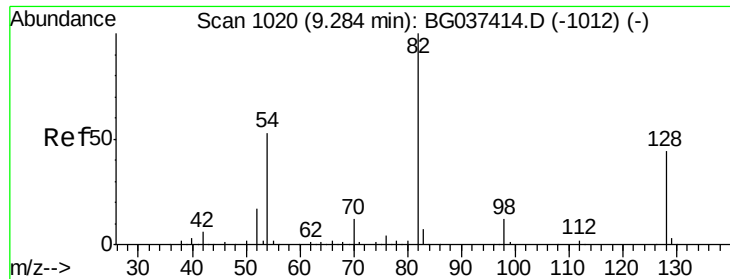
Tgt Ion: 70 Resp: 44075
Ion Ratio Lower Upper
70 100
42 45.4 53.9 80.9#
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

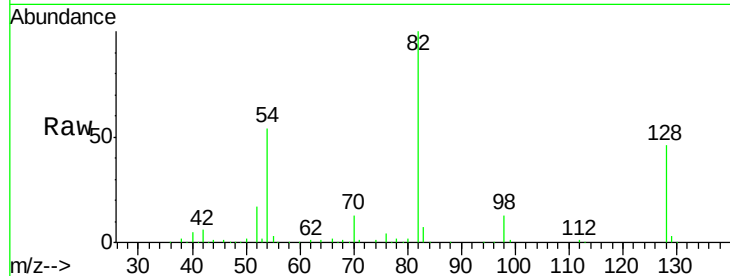
Tgt Ion: 136 Resp: 253987
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 10.1 7.9 11.9
68 6.5 4.8 7.2



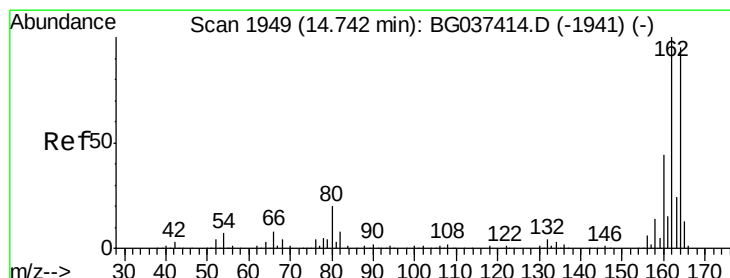
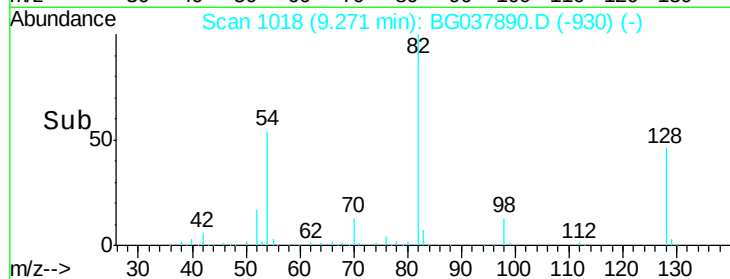
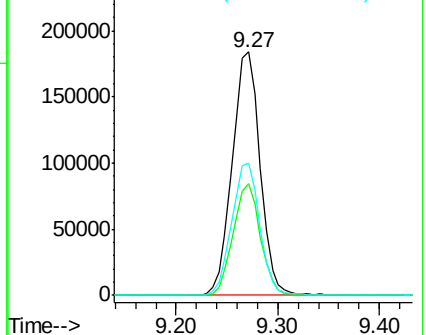


#23
 Nitrobenzene-d5
 Concen: 77.797 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	51.8
54	54.3	45.3	67.9

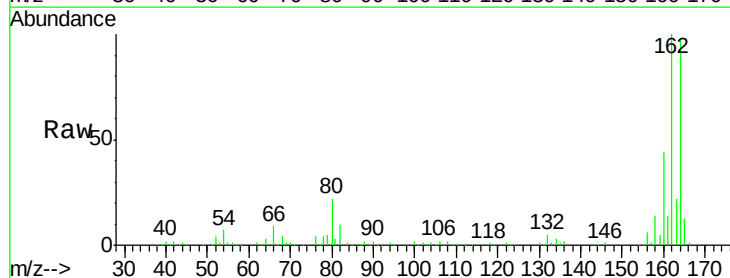


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

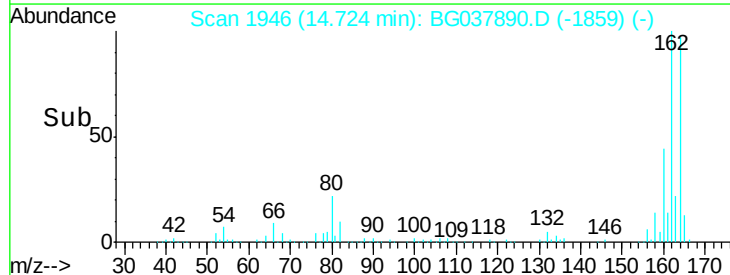
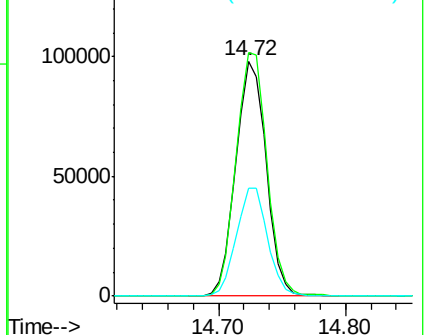


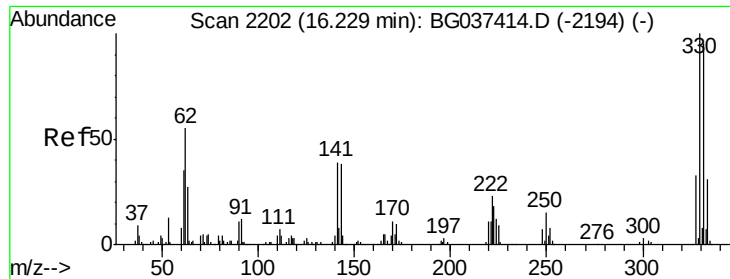
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.02 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.3	121.9
160	45.6	36.3	54.5



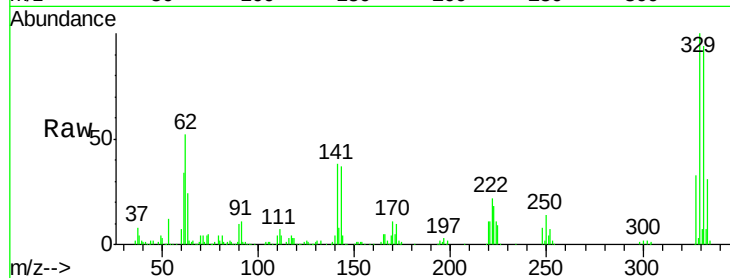
Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC



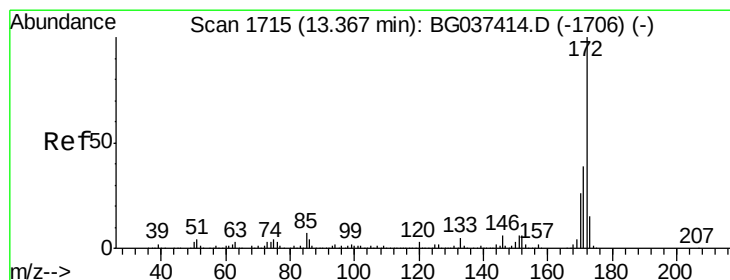
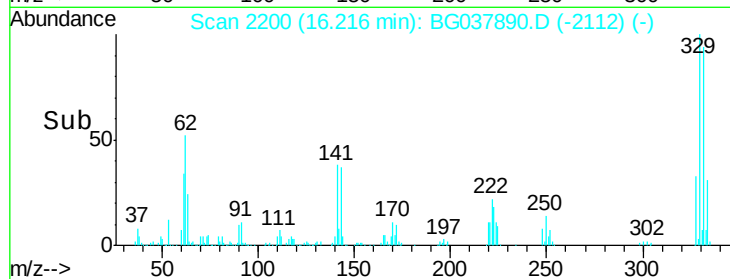
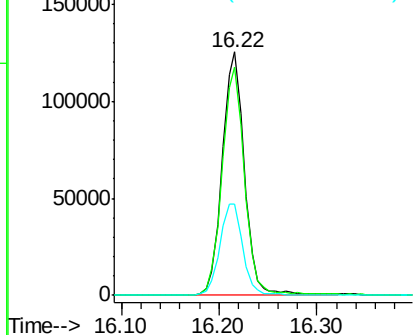


#42
 2,4,6-Tribromophenol
 Concen: 111.615 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.4	117.6
141	39.1	32.2	48.2

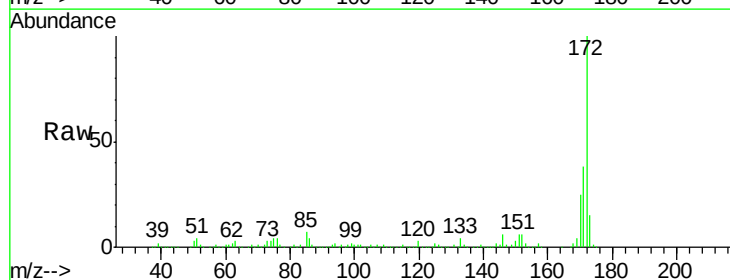


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

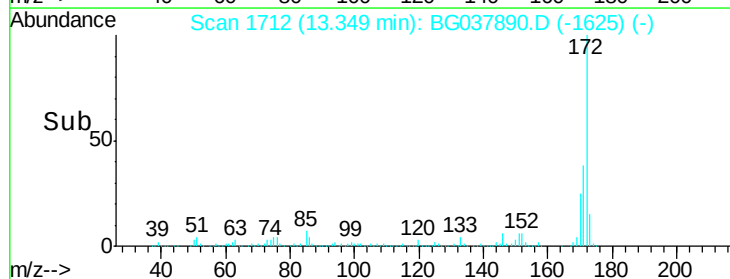
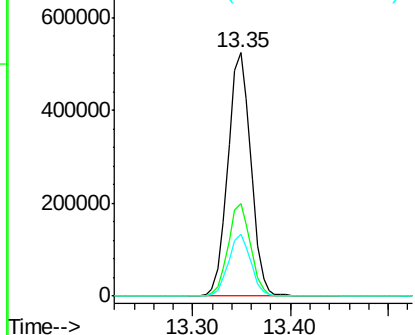


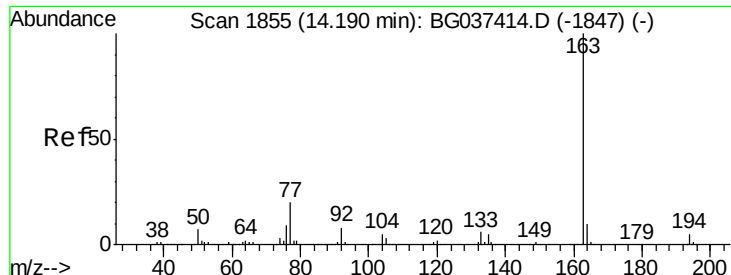
#45
 2-Fluorobiphenyl
 Concen: 79.331 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.4	20.2	30.2



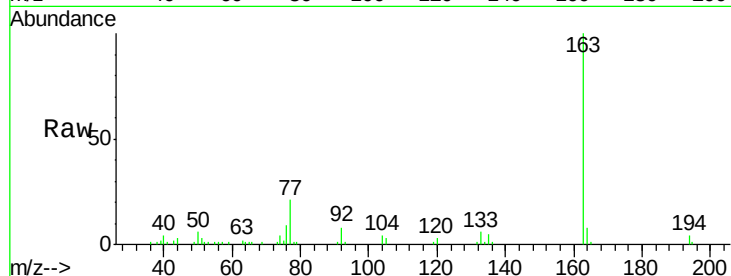
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



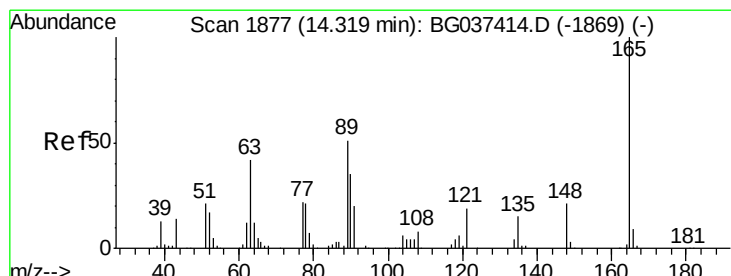
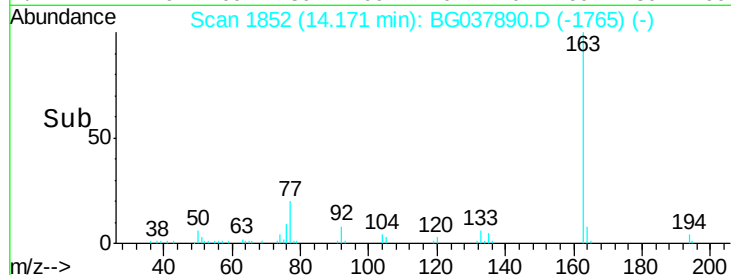
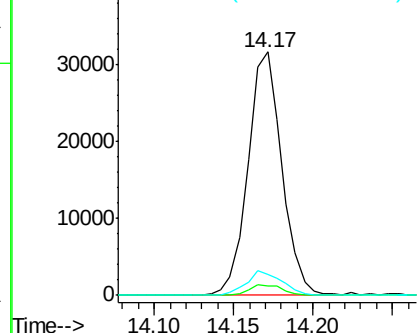


#50
Dimethylphthalate
Concen: 3.714 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion:163 Resp: 46824
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 8.3 8.5 12.7#

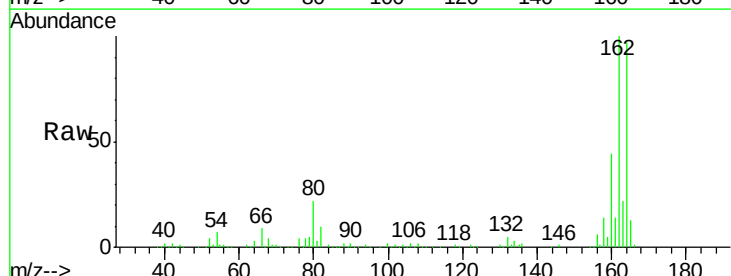


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

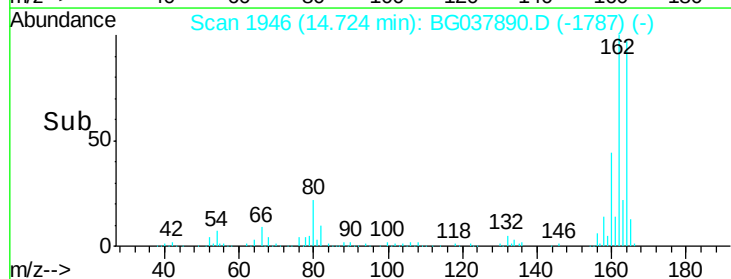
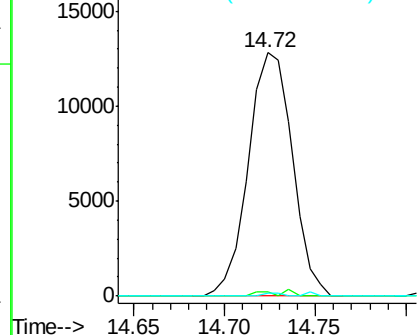


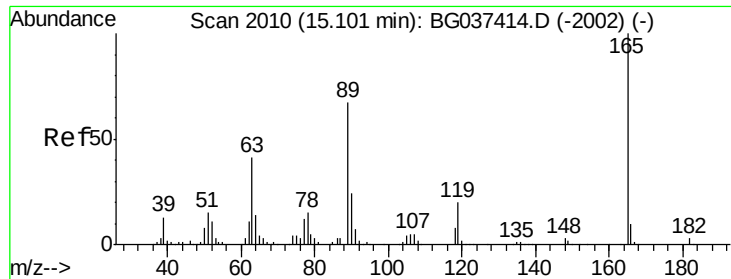
#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.40 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion:165 Resp: 21610
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 1.5 45.8 68.6#



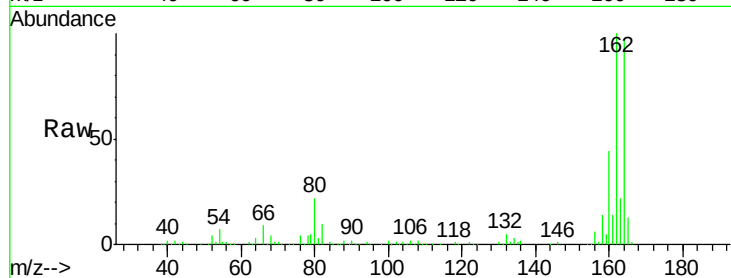
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#57
 2,4-Dinitrotoluene
 Concen: 5.903 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tgt Ion:	165	Resp:	21610
Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.4	50.0#
89	1.5	57.2	85.8#
182	0.0	2.6	4.0#

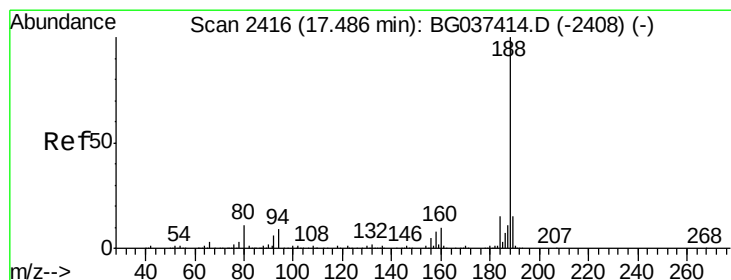
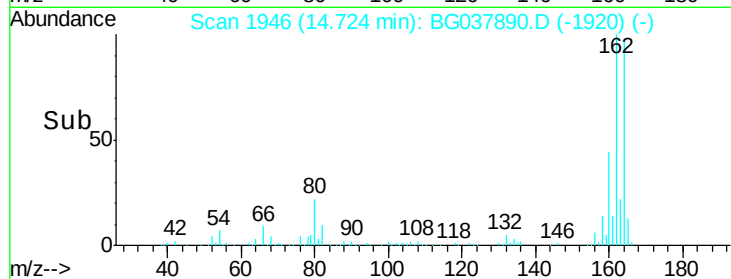
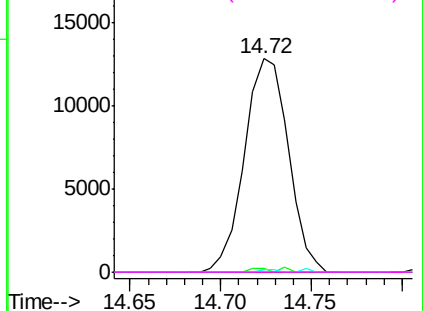


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

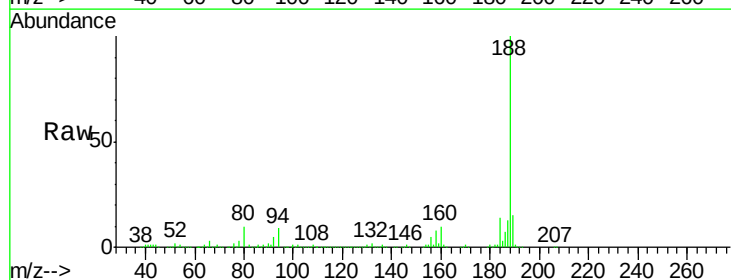
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

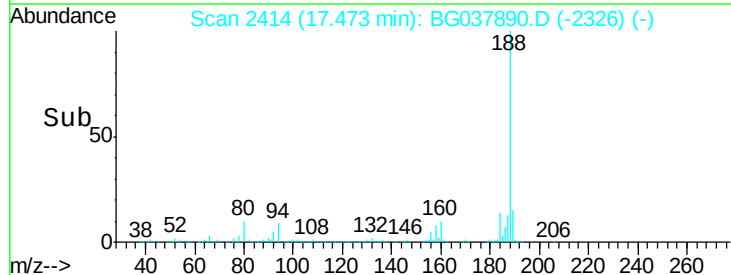
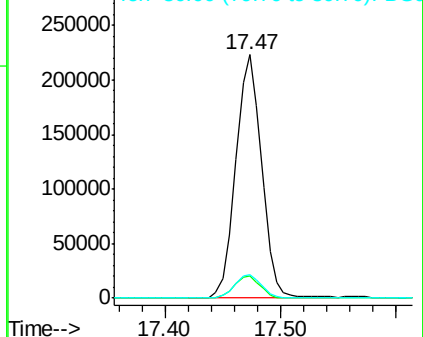
Tgt Ion:	188	Resp:	346669
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.9	7.7	11.5

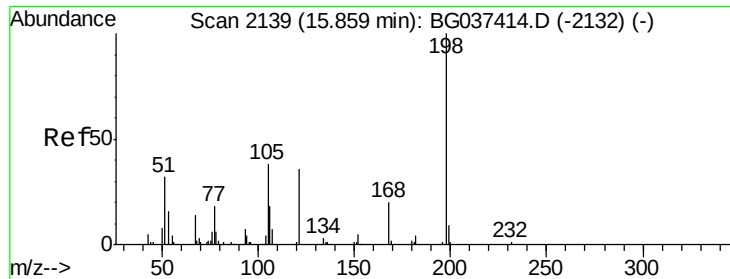


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.754 ng

RT: 16.21 min Scan# 2199

Delta R.T. 0.35 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

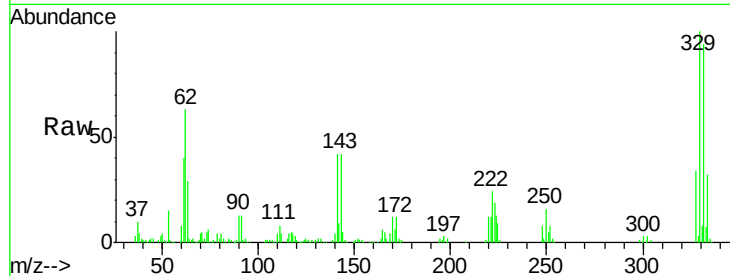
Tgt Ion:198 Resp: 545

Ion Ratio Lower Upper

198 100

51 33.7 22.7 62.7

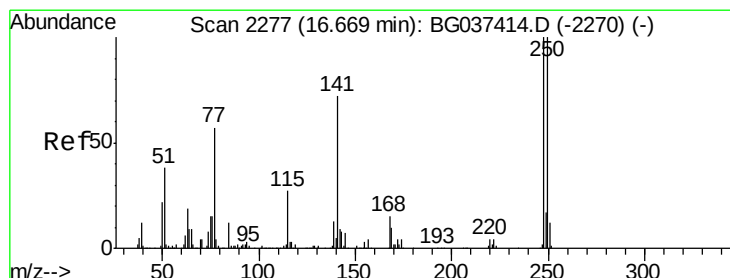
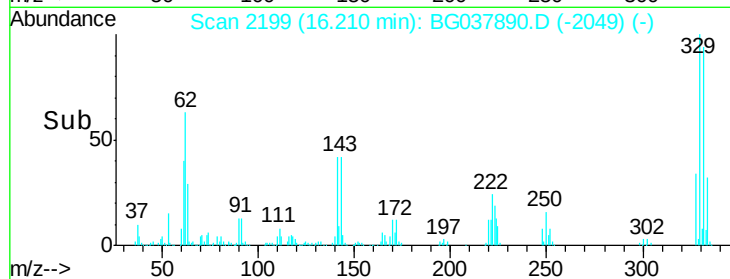
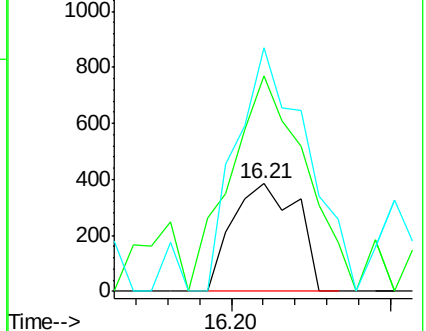
105 38.1 19.7 59.7



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



#67

4-Bromophenyl-phenylether

Concen: 3.807 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.45 min

Lab File: BG037890.D

Acq: 8 Nov 2018 17:57

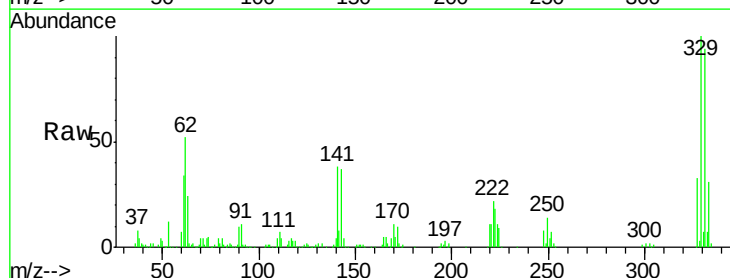
Tgt Ion:248 Resp: 14492

Ion Ratio Lower Upper

248 100

250 187.1 77.0 115.6#

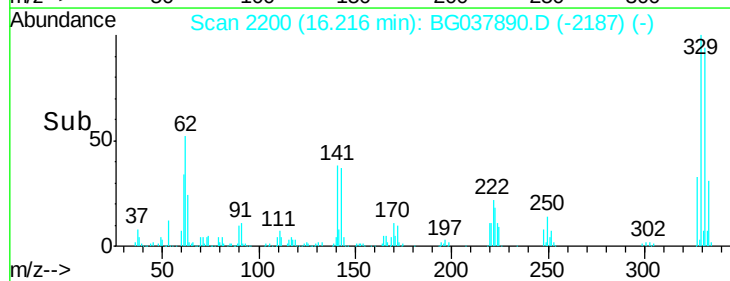
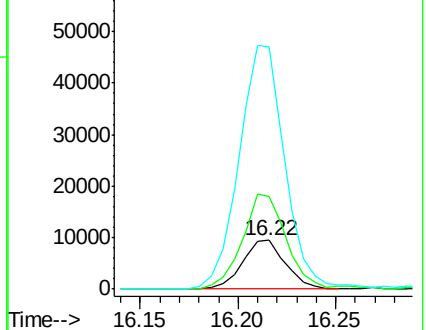
141 380.9 55.5 83.3#

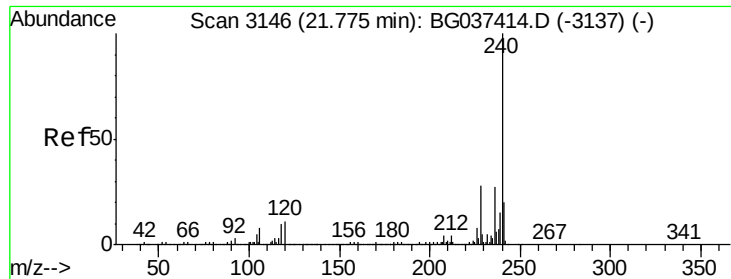


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

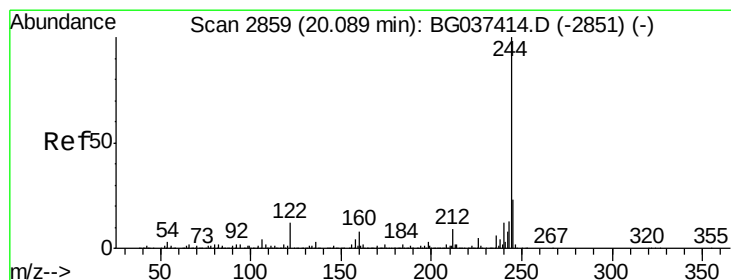
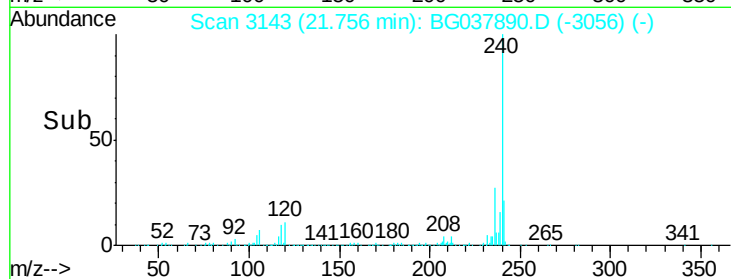
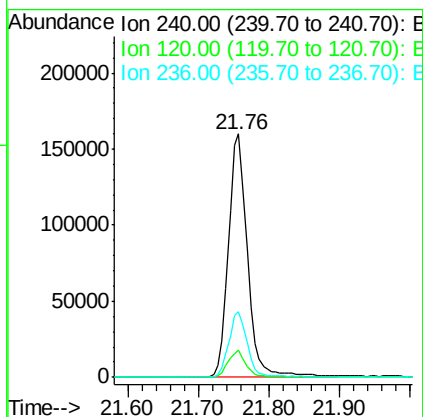
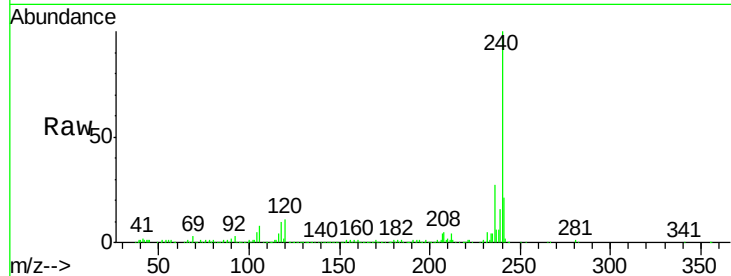
Ion 141.00 (140.70 to 141.70): E





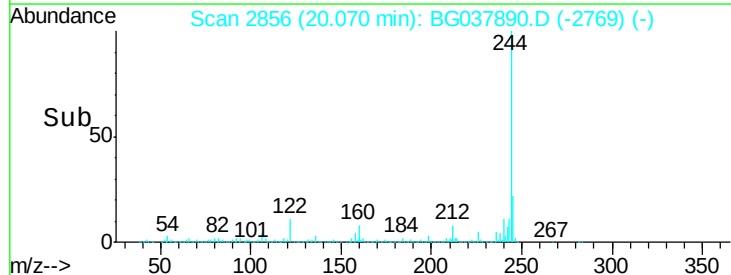
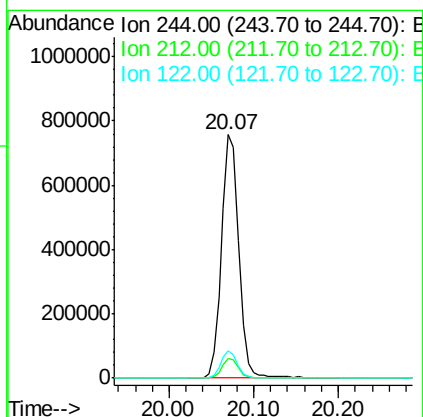
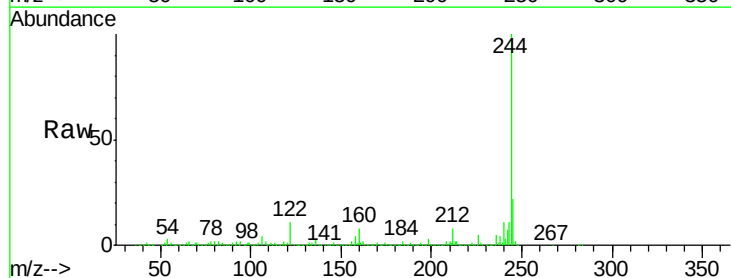
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. -0.02 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

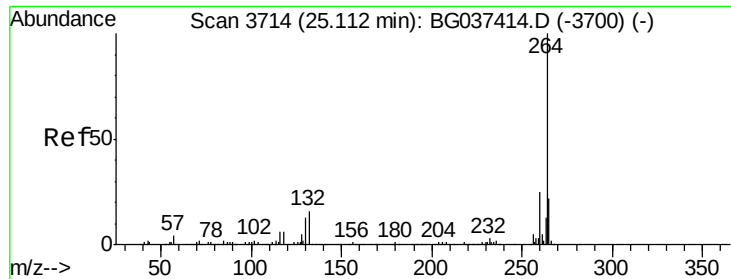
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	26.9	21.4	32.0



#79
 Terphenyl-d14
 Concen: 76.720 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. -0.02 min
 Lab File: BG037890.D
 Acq: 8 Nov 2018 17:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.03 min
Lab File: BG037890.D
Acq: 8 Nov 2018 17:57

Tgt Ion:	264	Resp:	294018
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.0	17.9	26.9

