

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110818\
 Data File : BG037891.D
 Acq On : 8 Nov 2018 18:36
 Operator : JU/SJ
 Sample : J5844-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

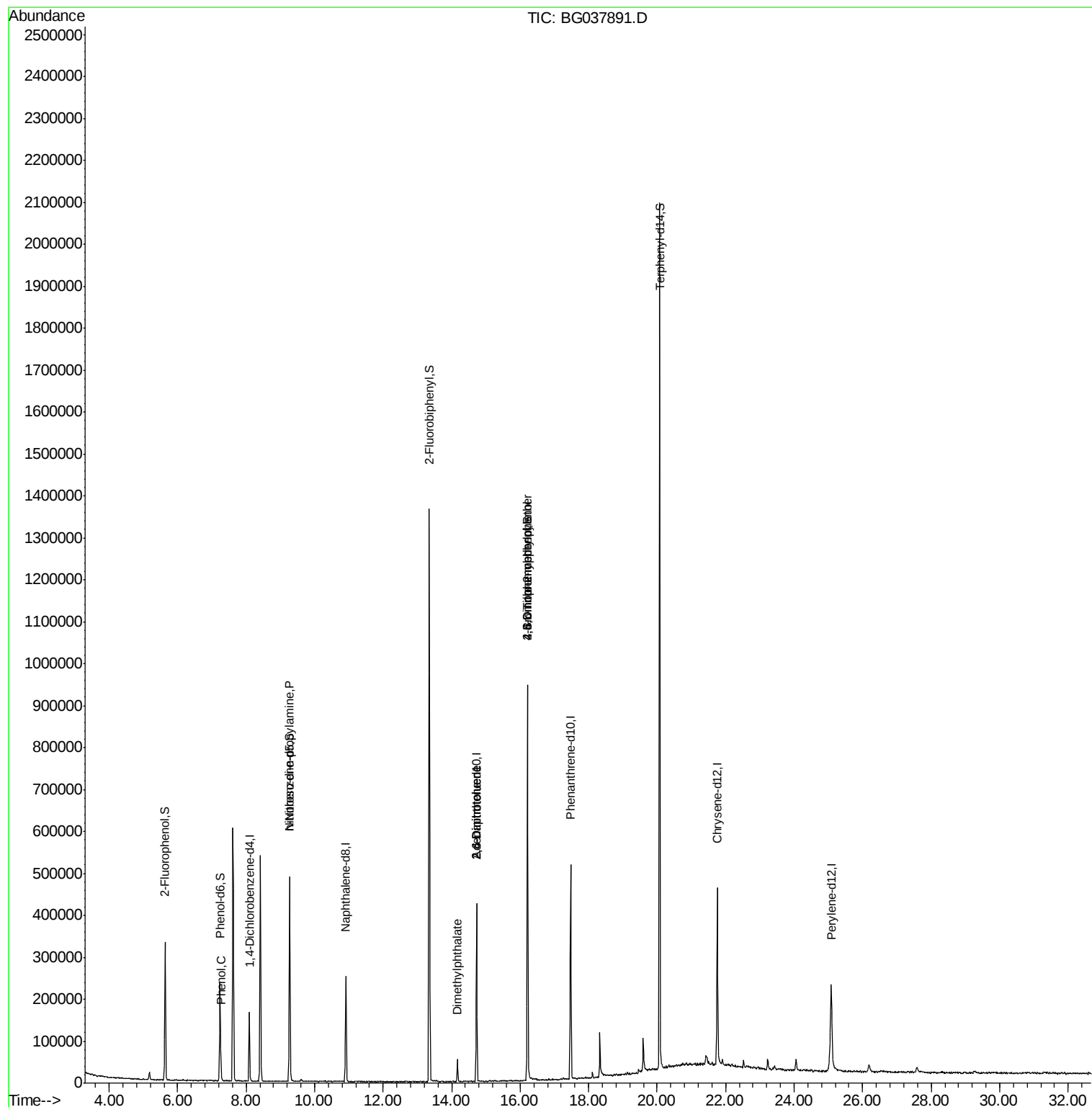
Quant Time: Nov 09 14:41:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	49818	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	227785	20.00	ng	-0.02
39) Acenaphthene-d10	14.72	164	150925	20.00	ng	-0.02
64) Phenanthrene-d10	17.47	188	324499	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	279841	20.00	ng	-0.02
87) Perylene-d12	25.09	264	269946	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	160657	53.92	ng	-0.01
7) Phenol-d6	7.23	99	150723	33.45	ng	-0.02
23) Nitrobenzene-d5	9.27	82	319369	78.54	ng	-0.02
42) 2,4,6-Tribromophenol	16.22	330	183438	111.44	ng	-0.01
45) 2-Fluorobiphenyl	13.35	172	772533	77.19	ng	-0.02
79) Terphenyl-d14	20.07	244	1037718	79.24	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.26	94	20686	4.351	ng	96
19) n-Nitroso-di-n-propylamine	9.27	70	40303	12.989	ng	# 67
50) Dimethylphthalate	14.17	163	38424	3.291	ng	98
51) 2,6-Dinitrotoluene	14.72	165	20221	7.829	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	20221	5.964	ng	# 26
65) 4,6-Dinitro-2-methylphenol	16.21	198	494	8.746	ng	78
67) 4-Bromophenyl-phenylether	16.21	248	13175	3.697	ng	# 1

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

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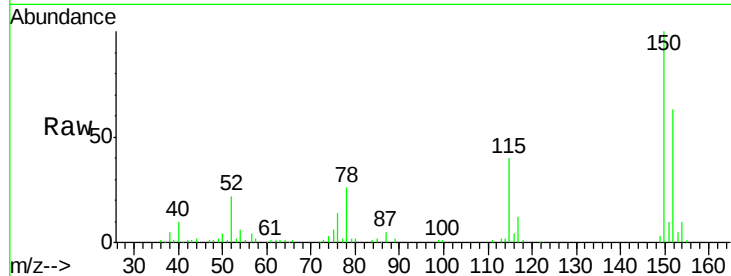
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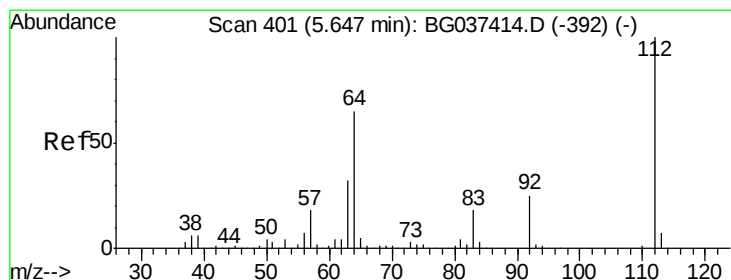
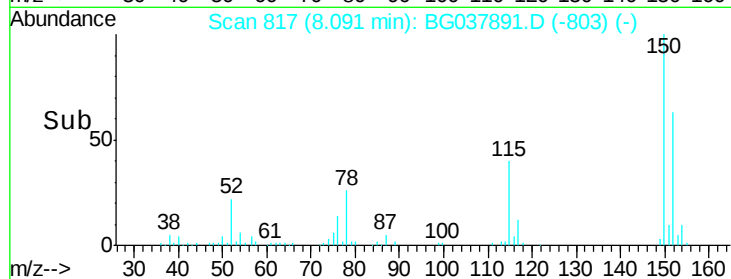
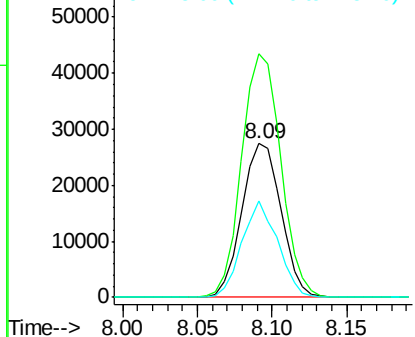


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

Tgt Ion:152 Resp: 49818
 Ion Ratio Lower Upper
 152 100
 150 158.6 126.0 189.0
 115 62.6 45.5 68.3

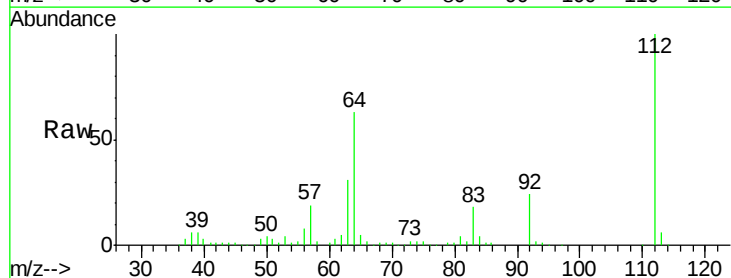


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

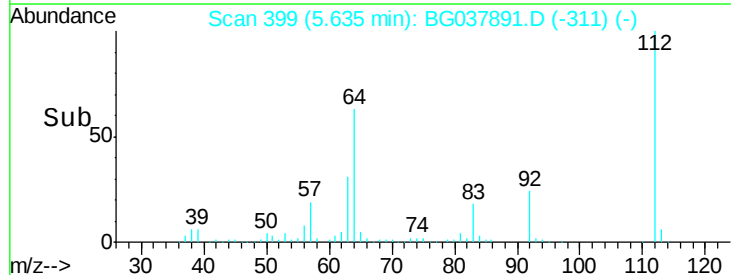
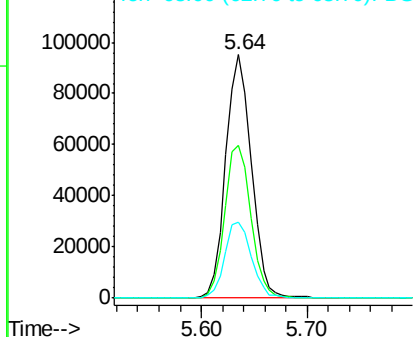


#5
 2-Fluorophenol
 Concen: 53.915 ng
 RT: 5.64 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

Tgt Ion:112 Resp: 160657
 Ion Ratio Lower Upper
 112 100
 64 62.9 53.1 79.7
 63 31.0 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: 33.451 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037891.D

Acq: 8 Nov 2018 18:36

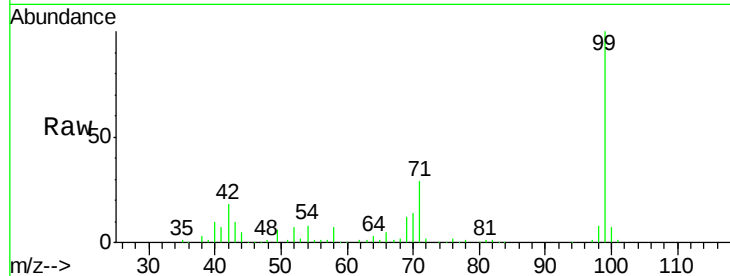
Tgt Ion: 99 Resp: 150723

Ion Ratio Lower Upper

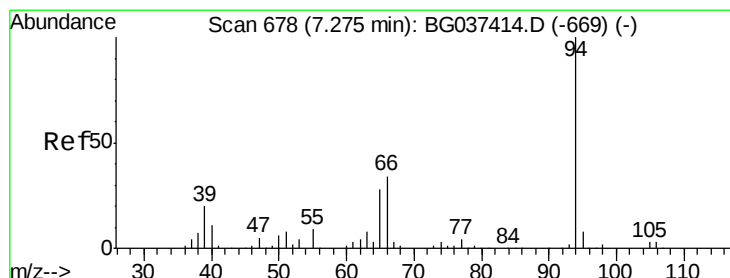
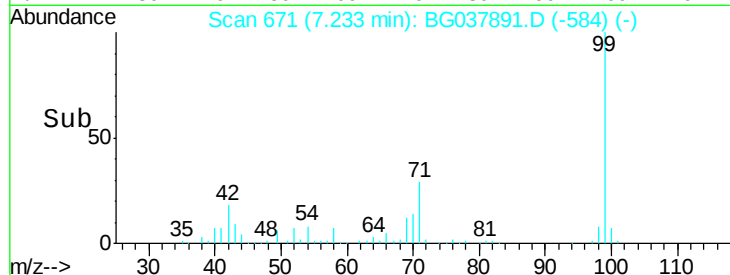
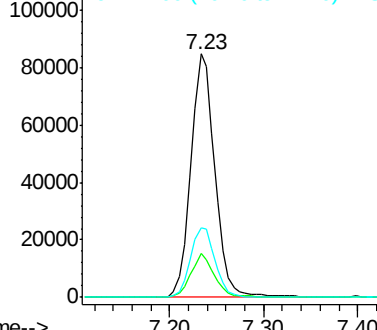
99 100

42 18.3 15.0 22.4

71 28.6 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: 4.351 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.01 min

Lab File: BG037891.D

Acq: 8 Nov 2018 18:36

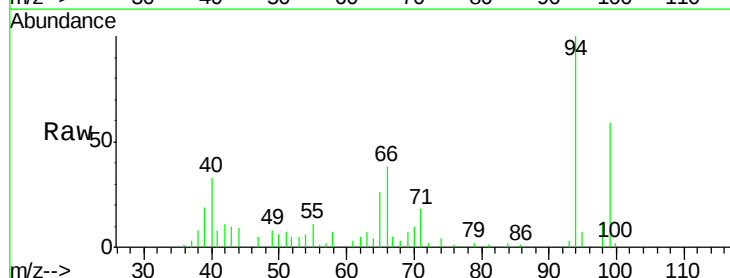
Tgt Ion: 94 Resp: 20686

Ion Ratio Lower Upper

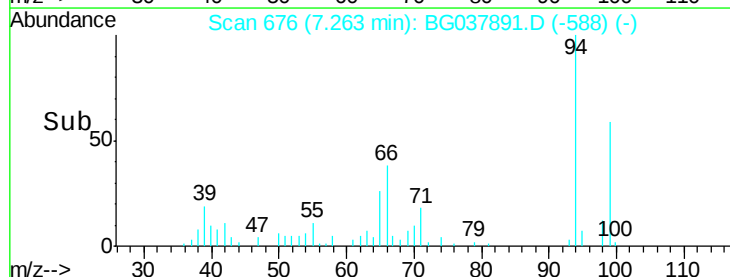
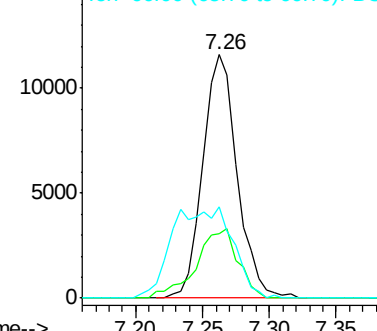
94 100

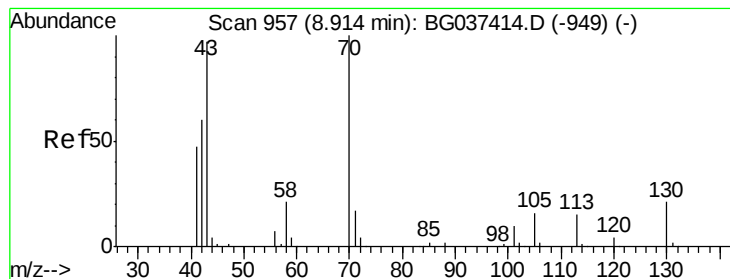
65 26.3 9.7 49.7

66 37.6 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: 12.989 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.35 min

Lab File: BG037891.D

Acq: 8 Nov 2018 18:36

Tgt Ion: 70 Resp: 40303

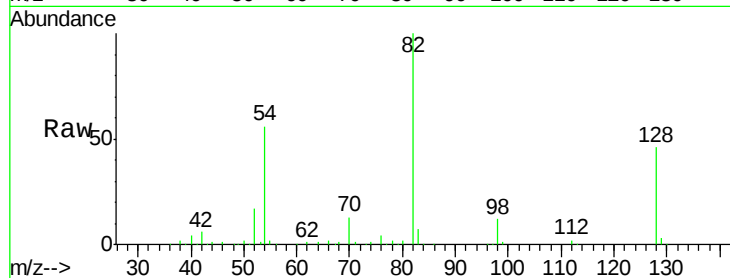
Ion Ratio Lower Upper

70 100

42 43.0 53.9 80.9#

101 0.0 8.2 12.2#

130 2.7 18.2 27.4#

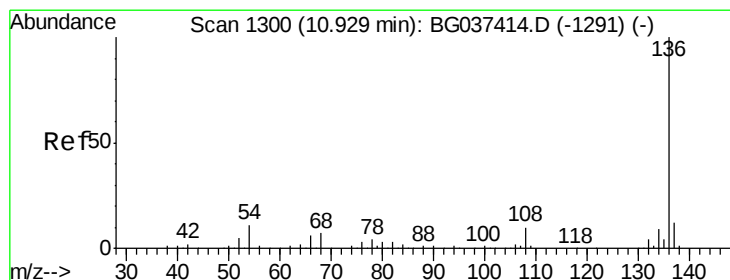
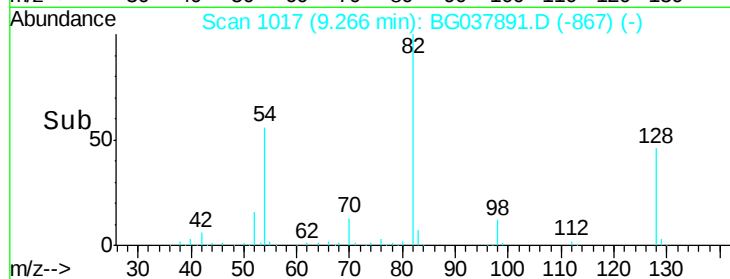
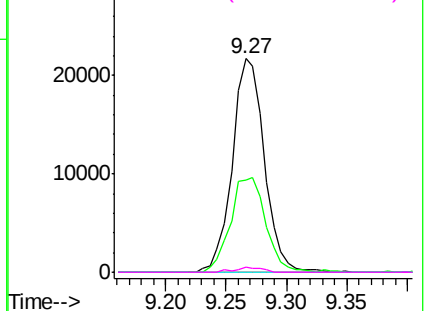


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: BG037891.D

Acq: 8 Nov 2018 18:36

Tgt Ion: 136 Resp: 227785

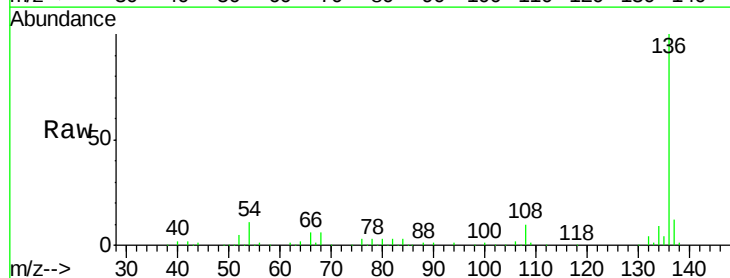
Ion Ratio Lower Upper

136 100

137 12.1 9.6 14.4

54 10.8 7.9 11.9

68 6.2 4.8 7.2

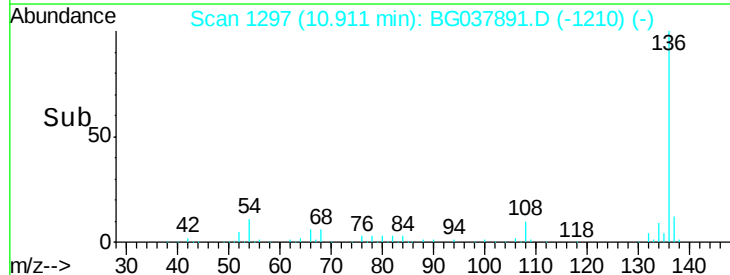
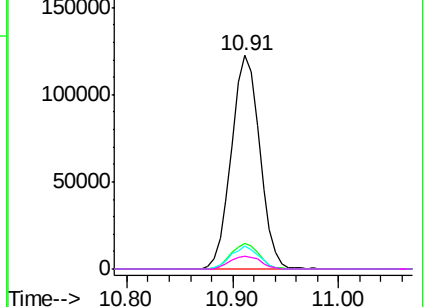


Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 78.542 ng

RT: 9.27 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BG037891.D

Acq: 8 Nov 2018 18:36

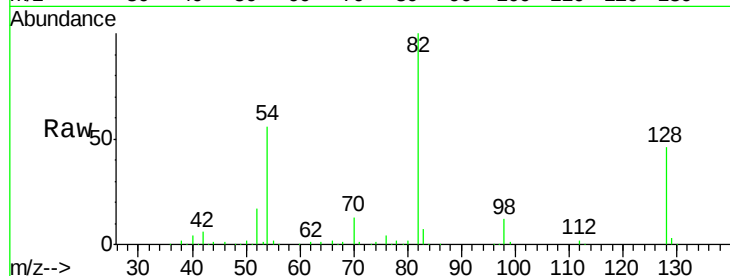
Tgt Ion: 82 Resp: 319369

Ion Ratio Lower Upper

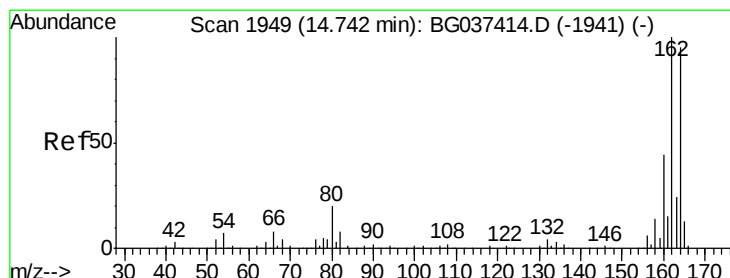
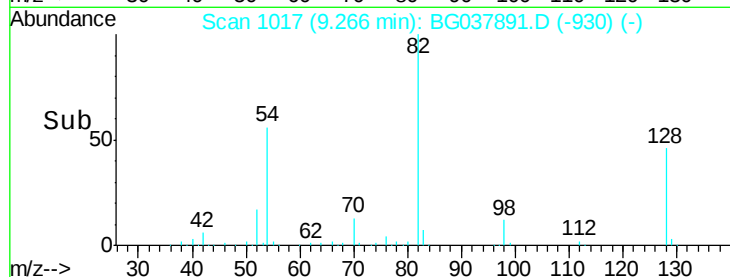
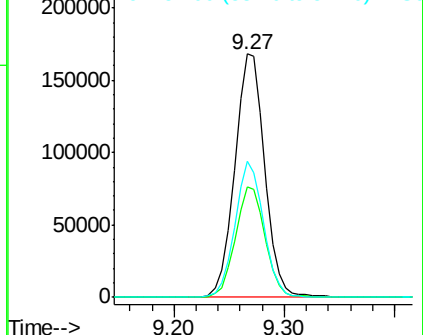
82 100

128 45.6 34.6 51.8

54 55.9 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: BG037891.D

Acq: 8 Nov 2018 18:36

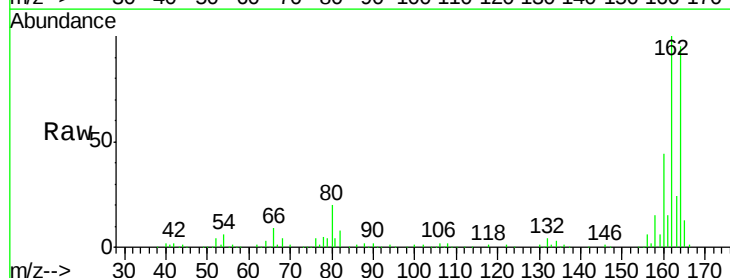
Tgt Ion: 164 Resp: 150925

Ion Ratio Lower Upper

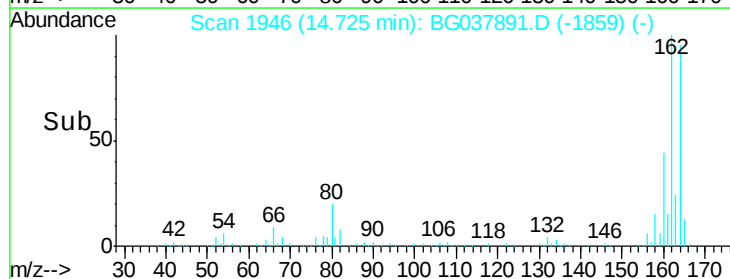
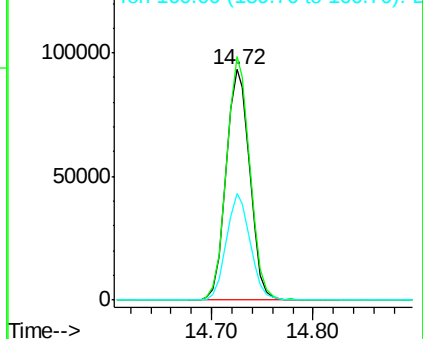
164 100

162 105.6 81.3 121.9

160 46.1 36.3 54.5



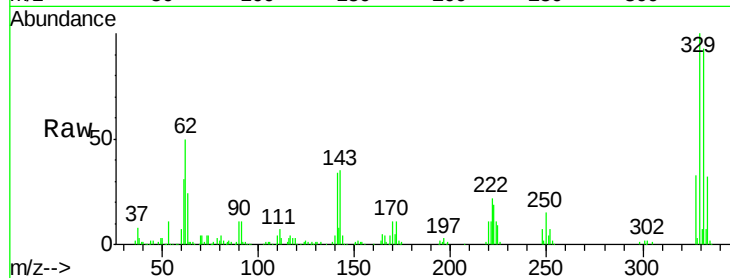
Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42
 2,4,6-Tribromophenol
 Concen: 111.436 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.4	117.6
141	38.5	32.2	48.2

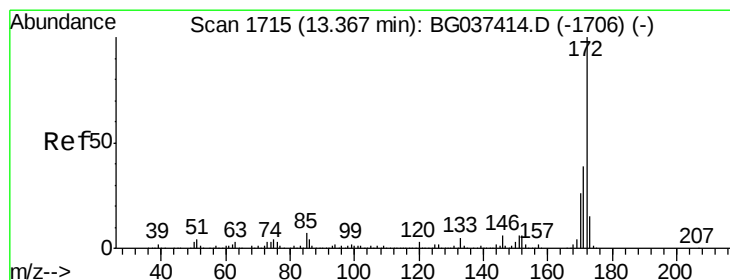
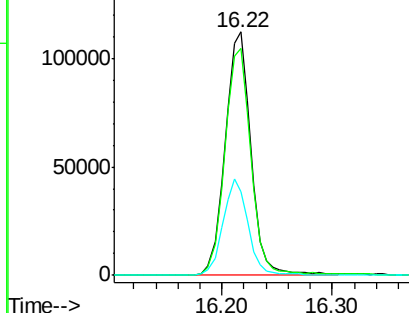
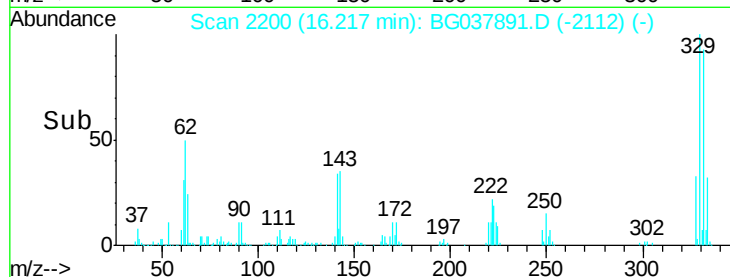


Abundance

Ion 329.80 (329.50 to 330.50): E

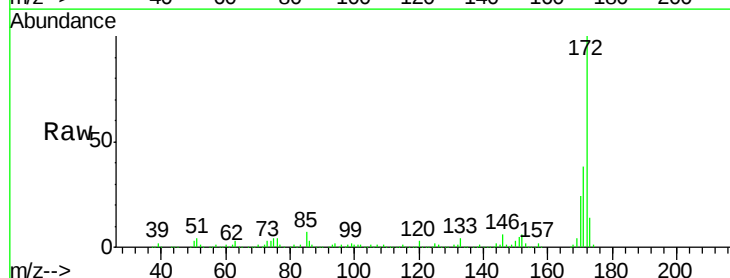
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.186 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.0	46.4
170	24.4	20.2	30.2

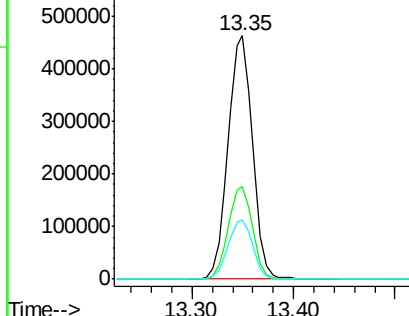
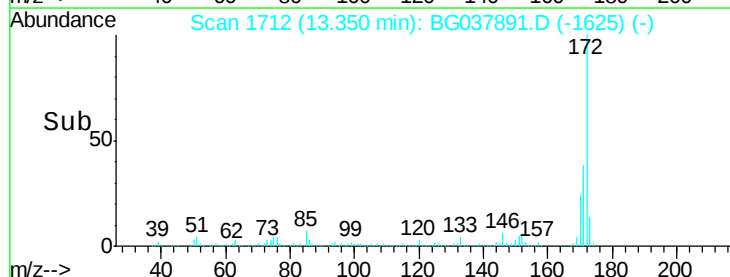


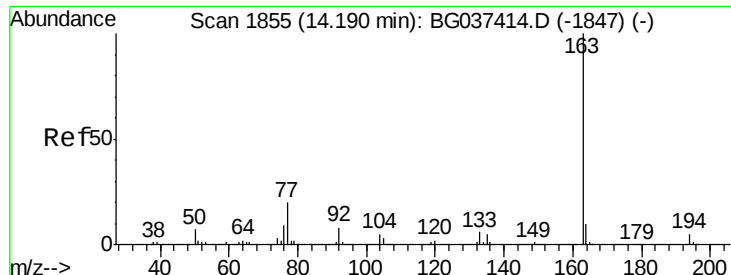
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

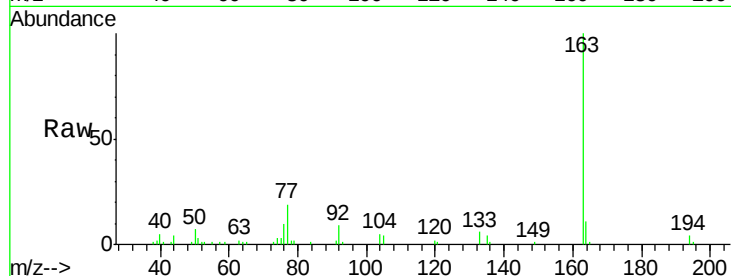
Ion 170.00 (169.70 to 170.70): E



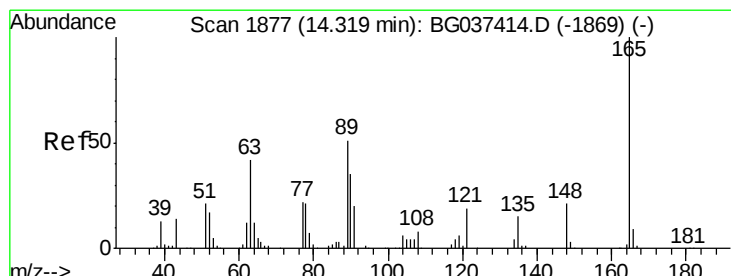
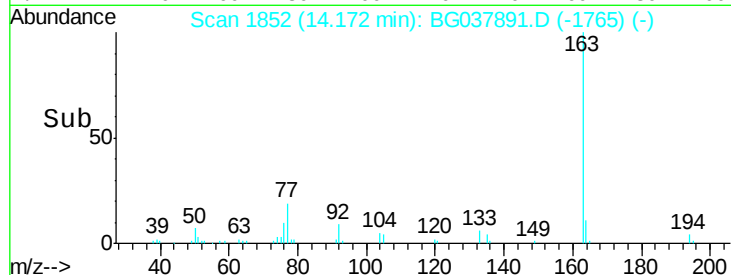
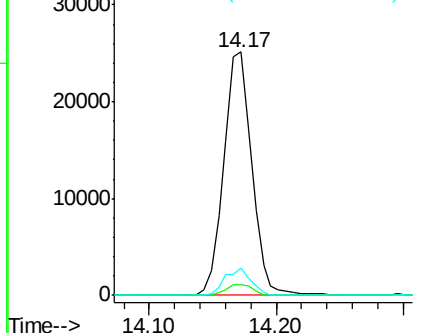


#50
Dimethylphthalate
Concen: 3.291 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BG037891.D
Acq: 8 Nov 2018 18:36

Tgt Ion:163 Resp: 38424
Ion Ratio Lower Upper
163 100
194 4.1 3.5 5.3
164 11.4 8.5 12.7

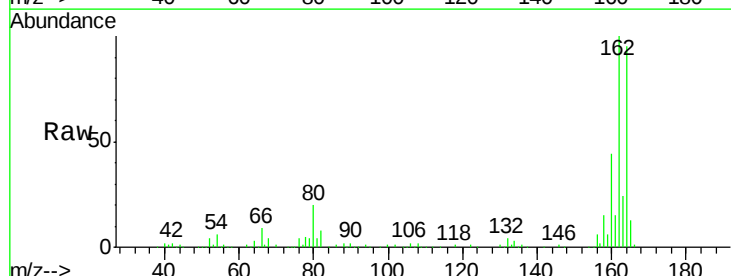


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

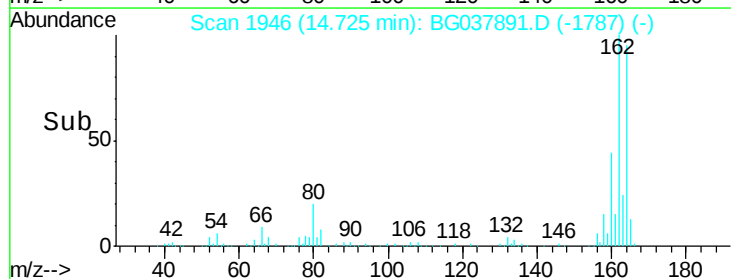
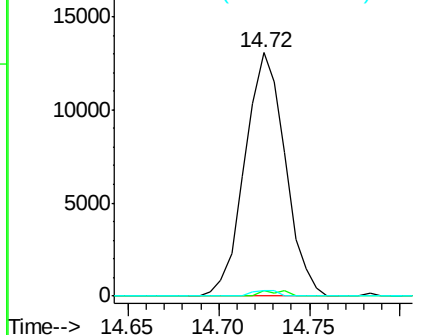


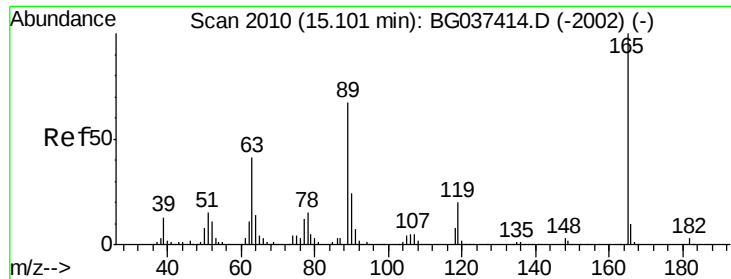
#51
2,6-Dinitrotoluene
Concen: 7.829 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.41 min
Lab File: BG037891.D
Acq: 8 Nov 2018 18:36

Tgt Ion:165 Resp: 20221
Ion Ratio Lower Upper
165 100
63 2.0 43.4 65.2#
89 2.2 45.8 68.6#



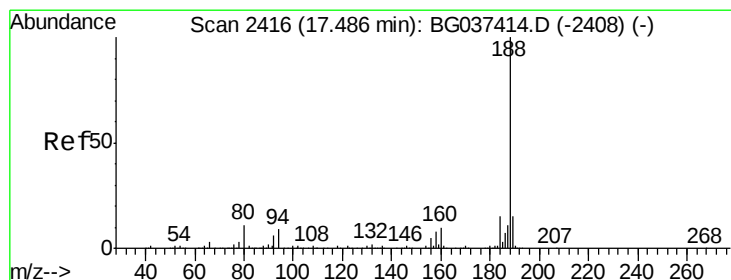
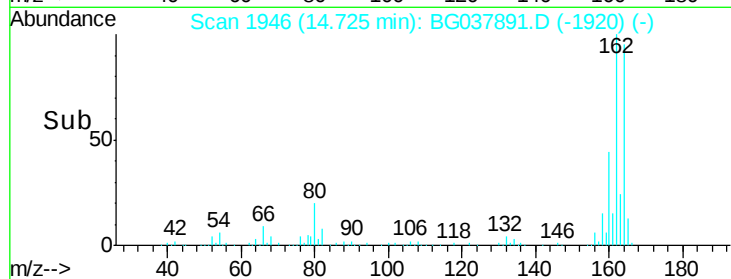
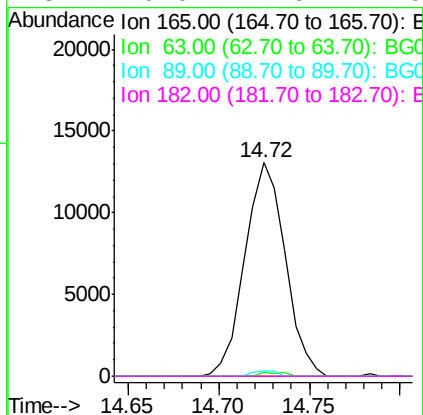
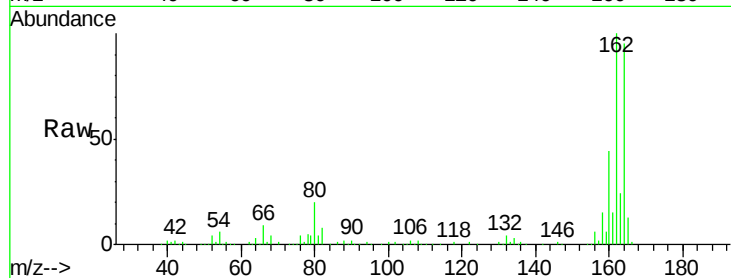
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC





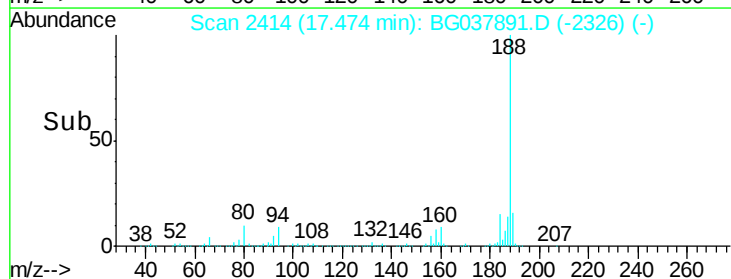
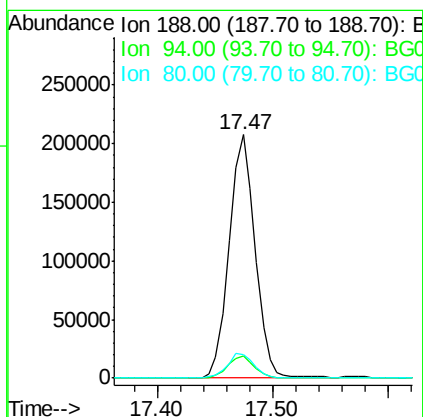
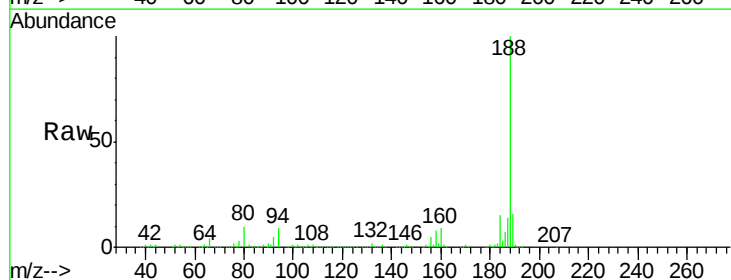
#57
 2,4-Dinitrotoluene
 Concen: 5.964 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.38 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

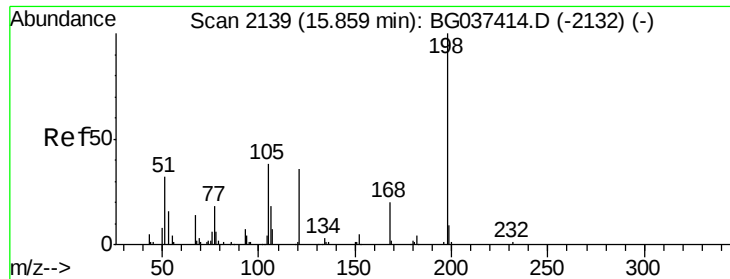
Tgt Ion:	165	Resp:	20221
Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

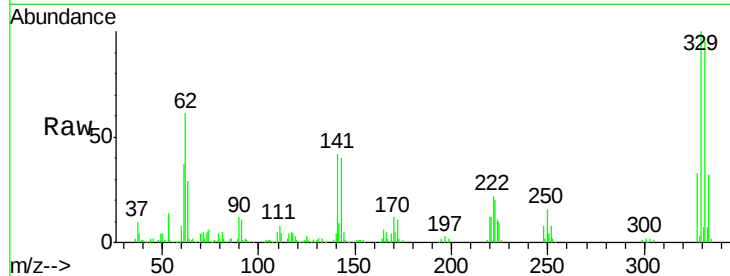
Tgt Ion:	188	Resp:	324499
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.7	11.5



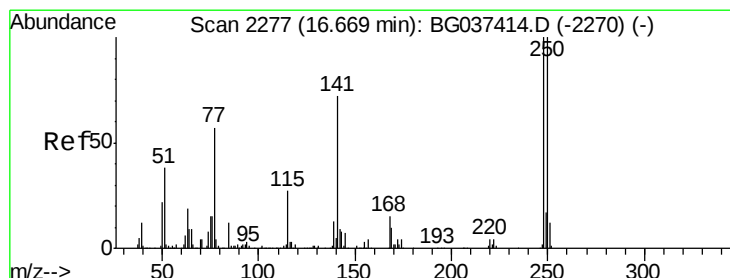
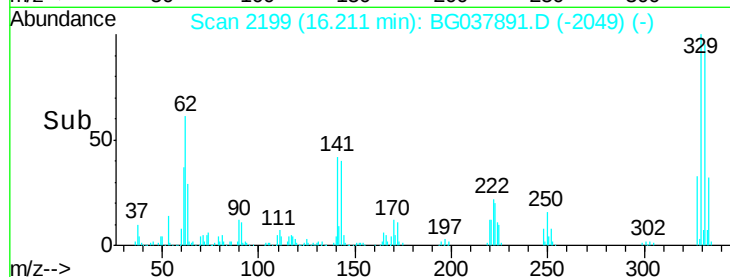
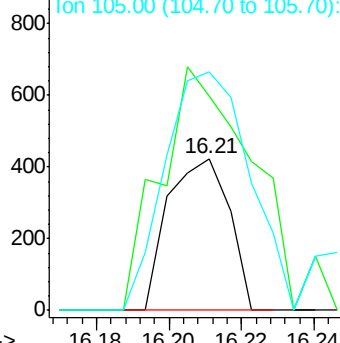


#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.746 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. 0.35 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

Tgt Ion:198 Resp: 494
 Ion Ratio Lower Upper
 198 100
 51 26.2 22.7 62.7
 105 29.3 19.7 59.7

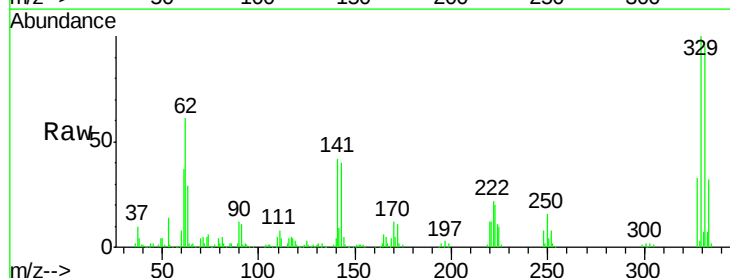


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG037891.D (-2187) (-)
 Ion 105.00 (104.70 to 105.70): E

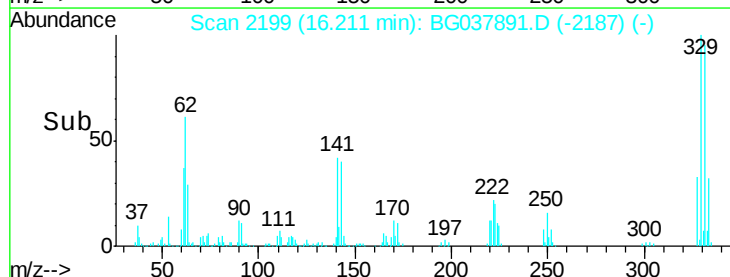
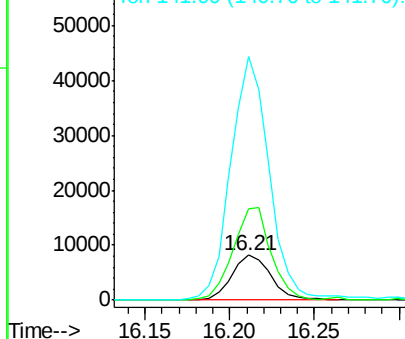


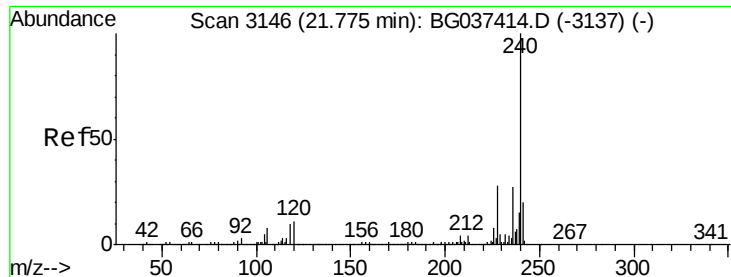
#67
 4-Bromophenyl-phenylether
 Concen: 3.697 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.46 min
 Lab File: BG037891.D
 Acq: 8 Nov 2018 18:36

Tgt Ion:248 Resp: 13175
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.0 115.6#
 141 407.3 55.5 83.3#



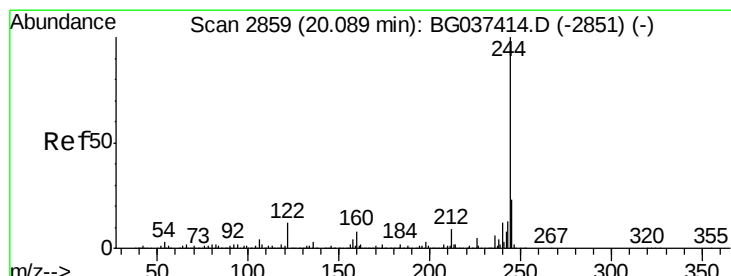
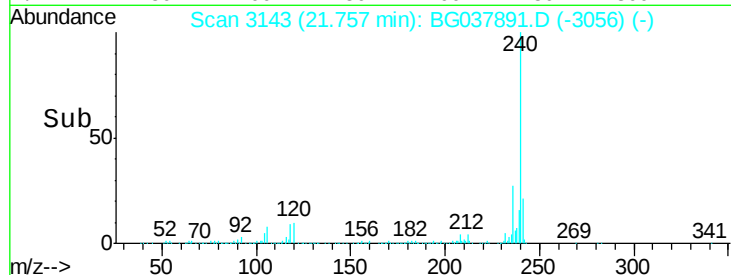
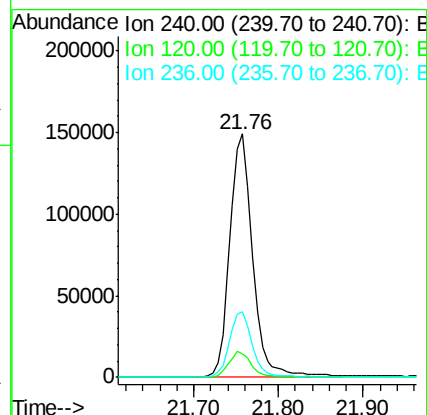
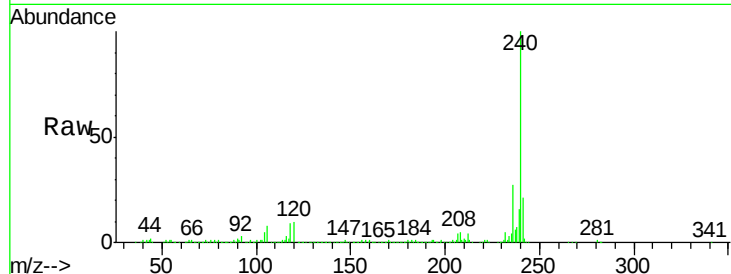
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





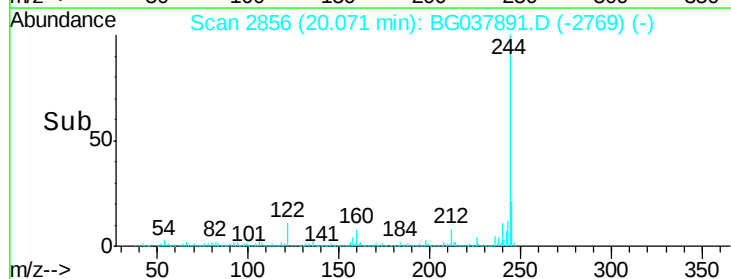
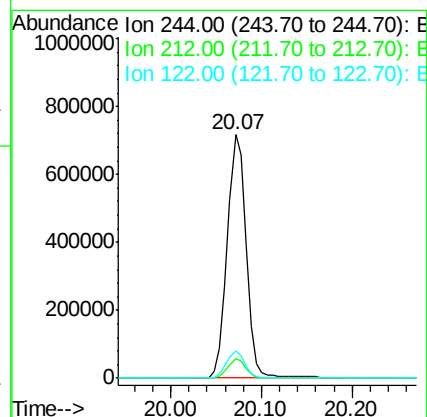
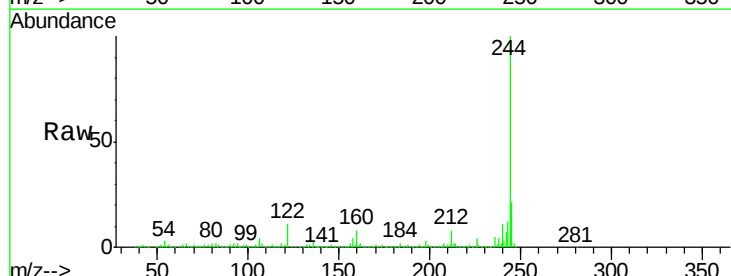
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3143
Delta R.T. -0.02 min
Lab File: BG037891.D
Acq: 8 Nov 2018 18:36

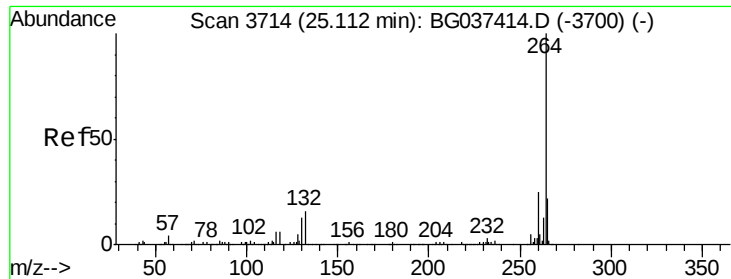
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	27.1	21.4	32.0



#79
Terphenyl-d14
Concen: 79.236 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BG037891.D
Acq: 8 Nov 2018 18:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	11.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG037891.D
Acq: 8 Nov 2018 18:36

Tgt Ion:	264	Resp:	269946
Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.4
265	21.6	17.9	26.9

