

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
 Data File : BG037109.D
 Acq On : 2 Oct 2018 17:59
 Operator : JU/SJ
 Sample : J5188-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

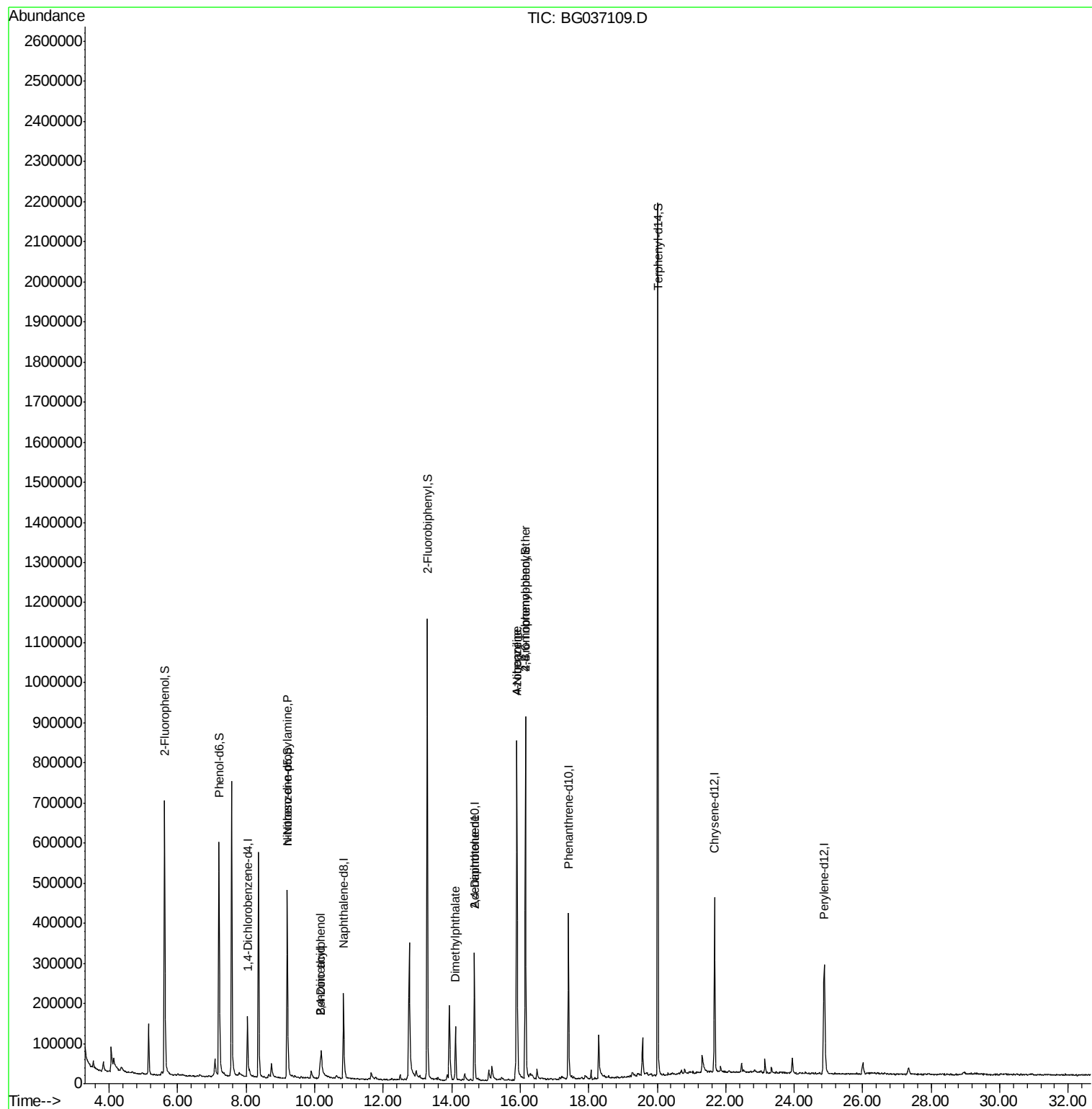
Quant Time: Oct 02 18:36:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

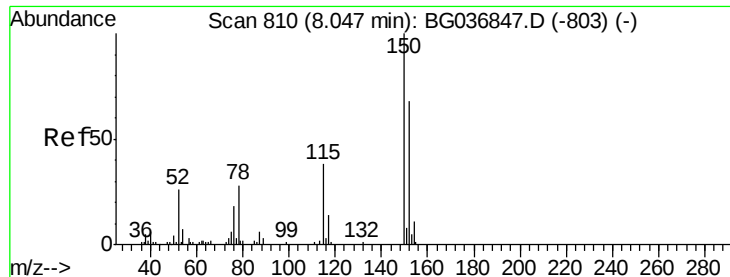
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50111	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	198046	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	115496	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	281505	20.00	ng	0.00
75) Chrysene-d12	21.67	240	291597	20.00	ng	-0.02
86) Perylene-d12	24.88	264	296753	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	318151	121.76	ng	0.00
7) Phenol-d6	7.20	99	387656	95.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	331465	89.63	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	171480	124.10	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	643786	83.02	ng	-0.02
78) Terphenyl-d14	20.02	244	1033636	93.21	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	44721	13.298	ng	# 67
27) 2,4-Dimethylphenol	10.16	122	33753	13.765	ng	# 3
32) Benzoic acid	10.16	122	33753	21.606	ng	95
49) Dimethylphthalate	14.11	163	97672	10.506	ng	99
56) 2,4-Dinitrotoluene	14.66	165	15164	5.358	ng	# 21
61) 4-Nitroaniline	15.90	138	4549	2.023	ng	# 1
62) Azobenzene	15.90	77	34896	3.873	ng	# 28
66) 4-Bromophenyl-phenylether	16.15	248	11760	3.673	ng	# 1

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

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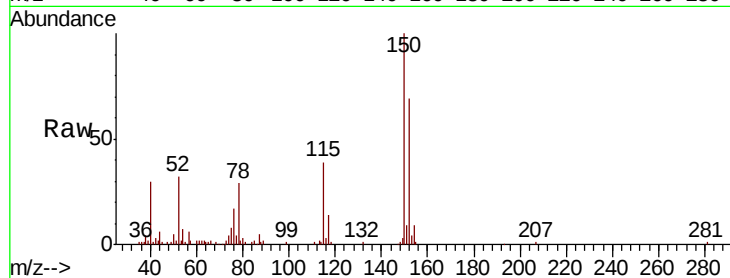




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	119.5	179.3
115	56.1	44.5	66.7

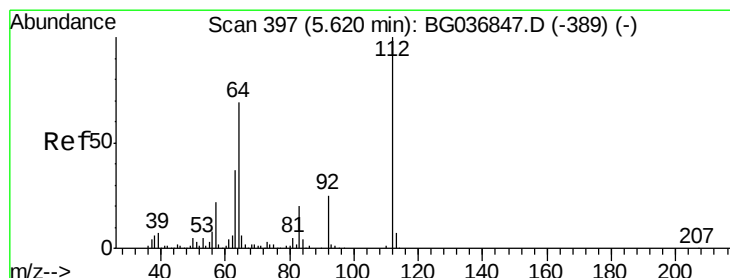
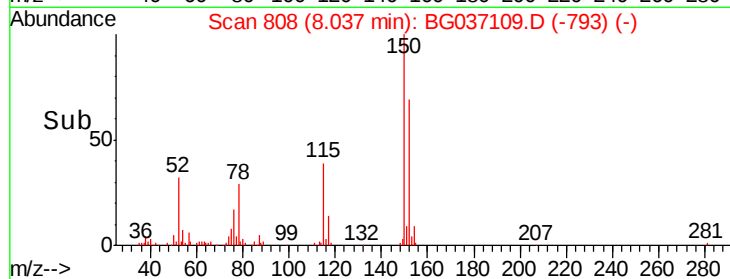
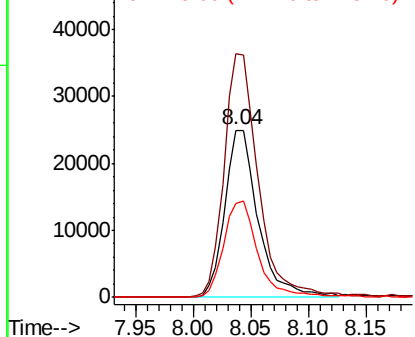


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

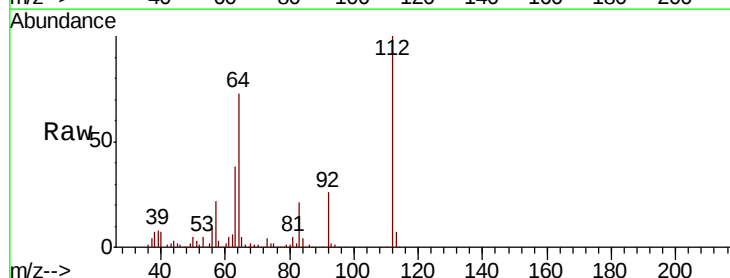
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.759 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.9	57.2	85.8
63	38.1	30.8	46.2

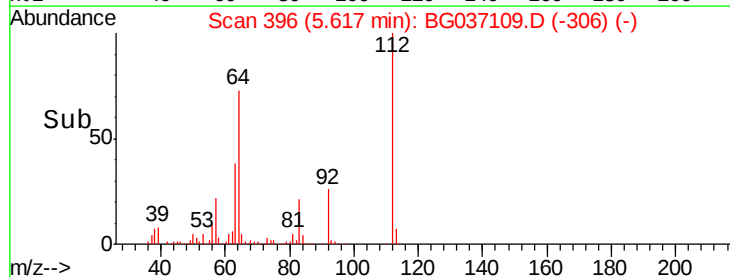
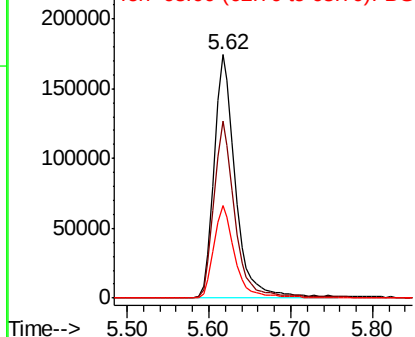


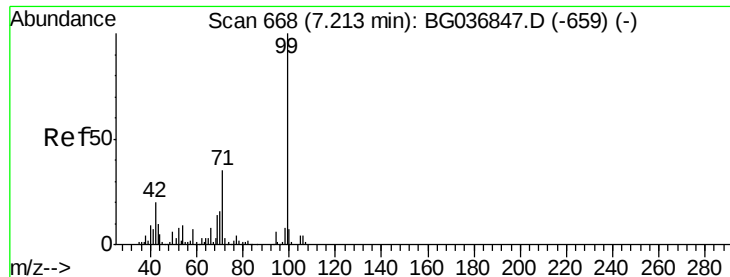
Abundance

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: 95.890 ng

RT: 7.20 min Scan# 666

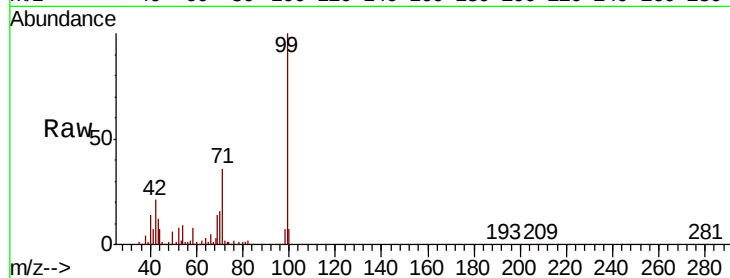
Delta R.T. -0.01 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

Tot Ion: 99 Resp: 387656

Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.5	24.7
71	35.8	29.4	44.2

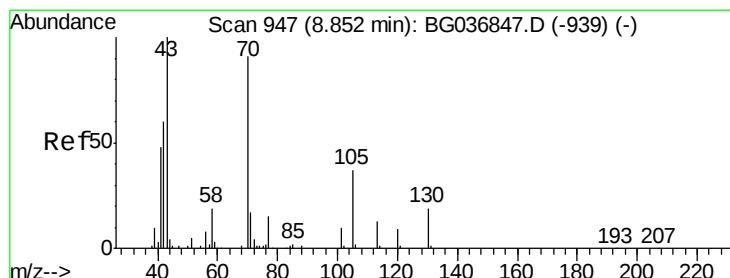
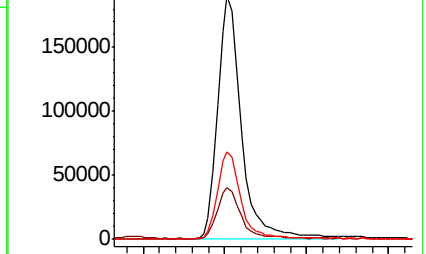
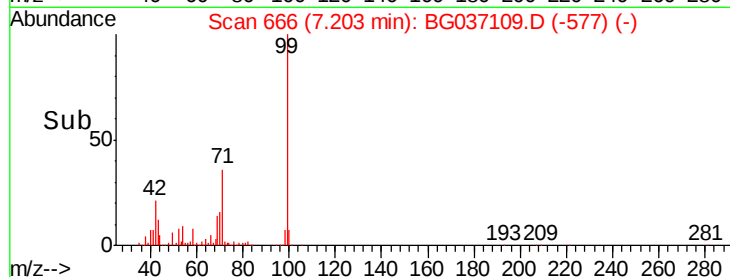


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.298 ng

RT: 9.20 min Scan# 1006

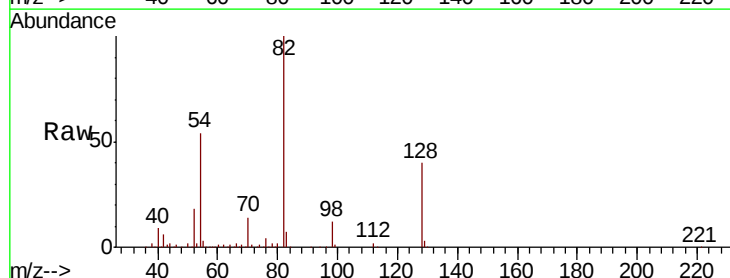
Delta R.T. 0.35 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

Tgt Ion: 70 Resp: 44721

Ion	Ratio	Lower	Upper
70	100		
42	44.6	56.2	84.4#
101	0.0	7.8	11.6#
130	1.7	16.2	24.2#



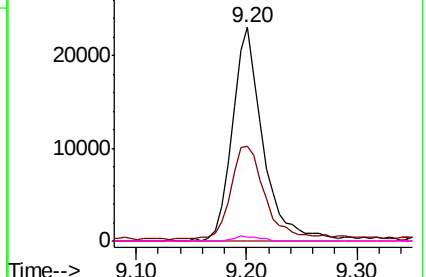
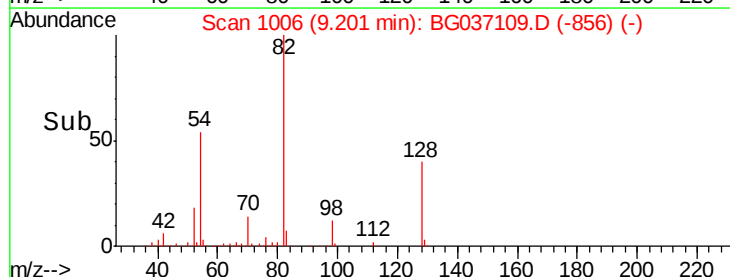
Abundance

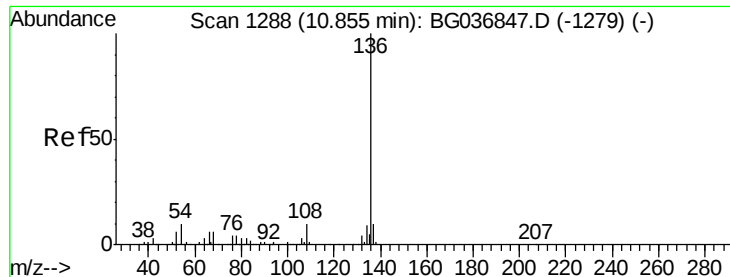
Ion 70.00 (69.70 to 70.70): BGC

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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

Tot Ion:136 Resp: 198046

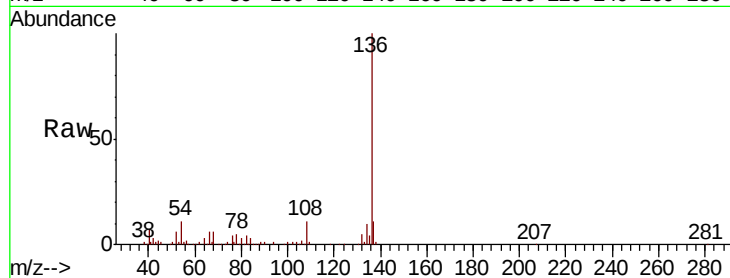
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 11.2 9.2 13.8

68 6.4 5.8 8.6

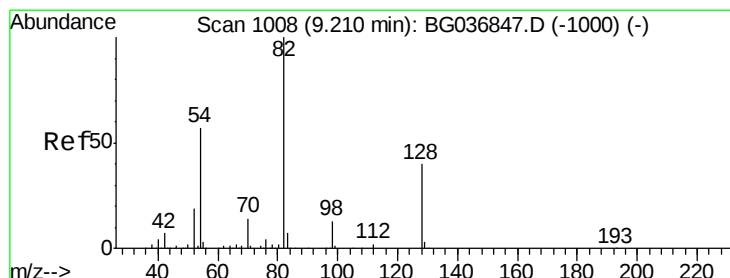
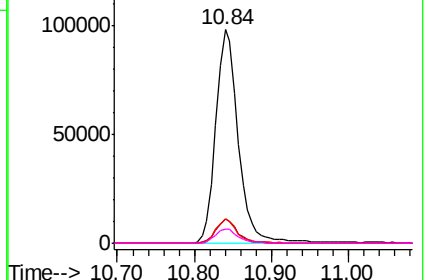
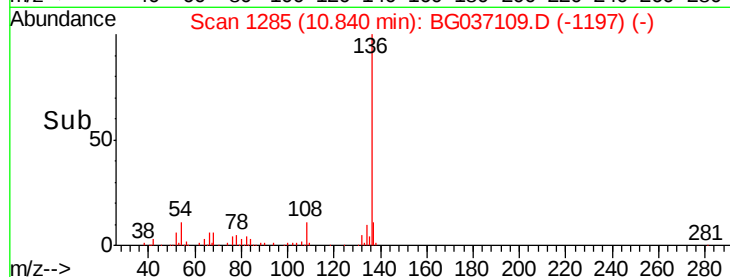


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 89.627 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

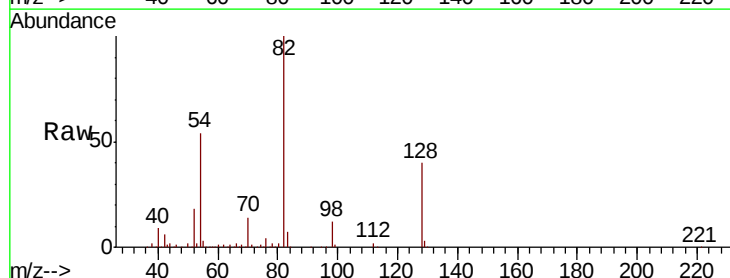
Tgt Ion: 82 Resp: 331465

Ion Ratio Lower Upper

82 100

128 40.0 33.3 49.9

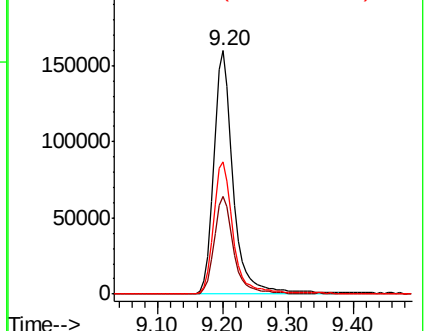
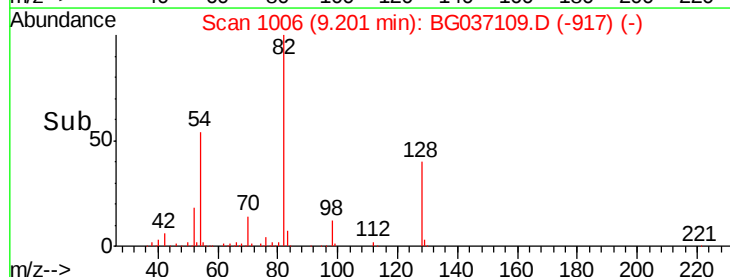
54 54.1 45.1 67.7

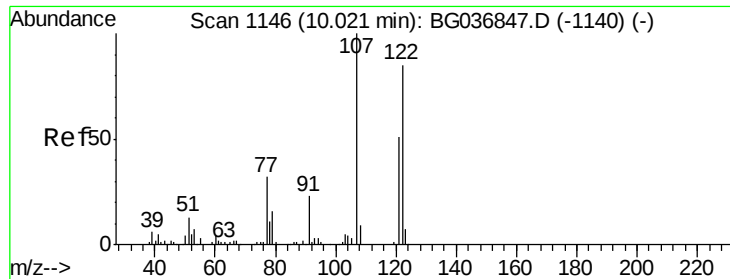


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

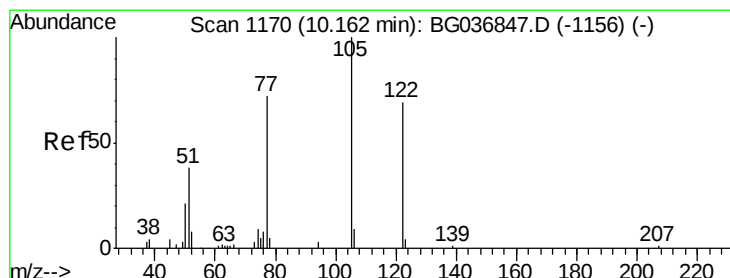
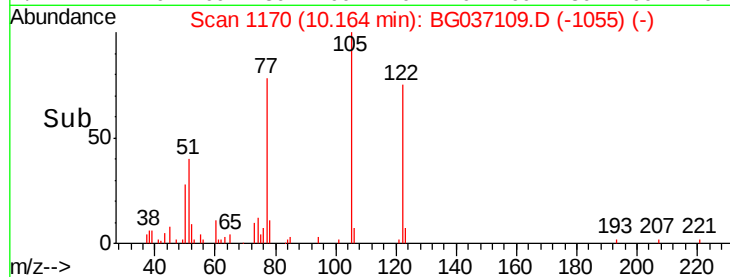
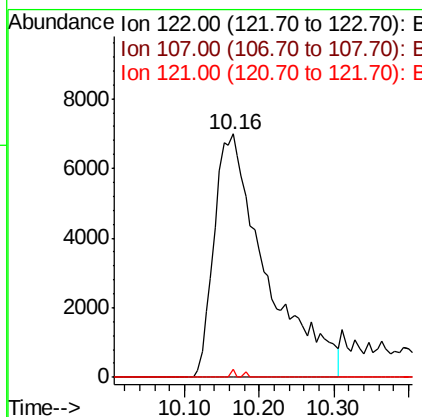
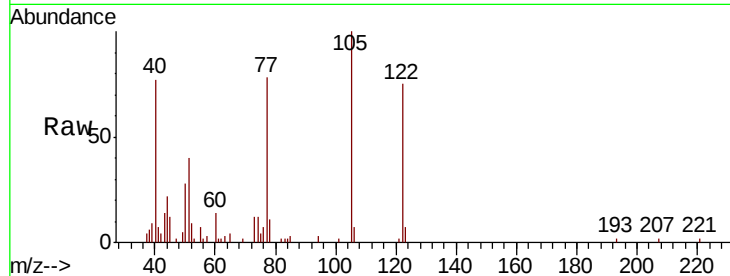
Ion 54.00 (53.70 to 54.70): BGC





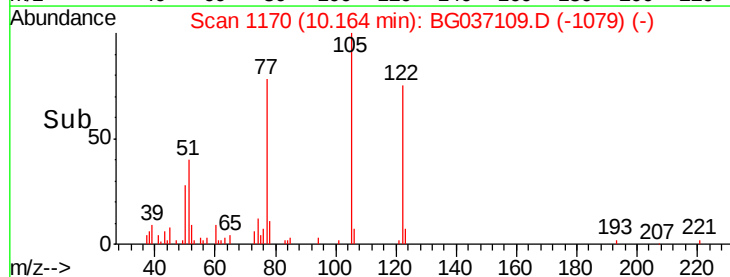
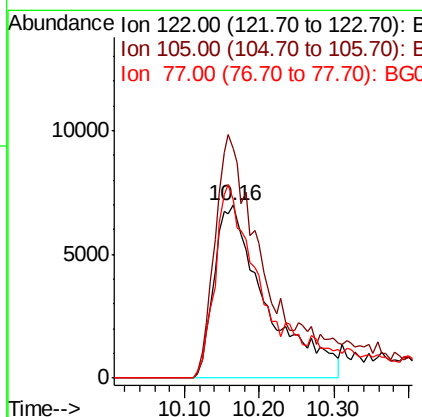
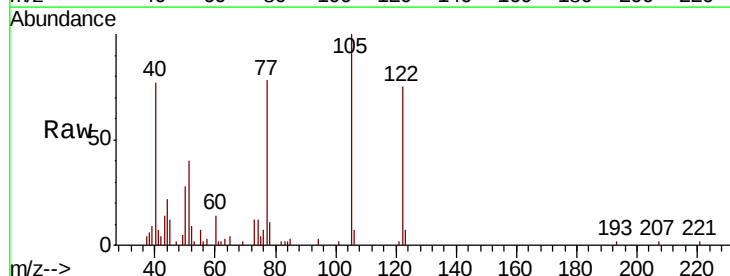
#27
 2,4-Dimethylphenol
 Concen: 13.765 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. 0.14 min
 Lab File: BG037109.D
 Acq: 2 Oct 2018 17:59

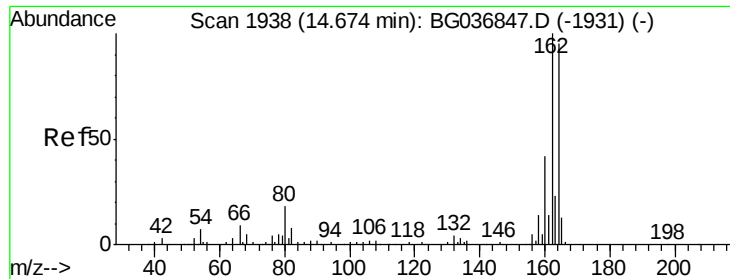
Tot Ion	Ratio	Lower	Upper
122	100		
107	0.0	96.0	144.0#
121	3.2	48.2	72.4#



#32
 Benzoic acid
 Concen: 21.606 ng
 RT: 10.16 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BG037109.D
 Acq: 2 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.6	108.1	148.1
77	103.0	76.3	116.3





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

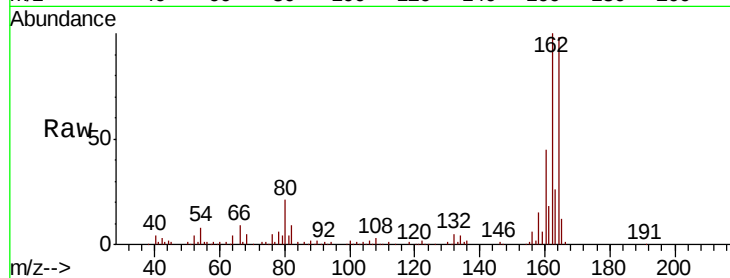
Delta R.T. -0.01 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

Tot Ion:164 Resp: 115496

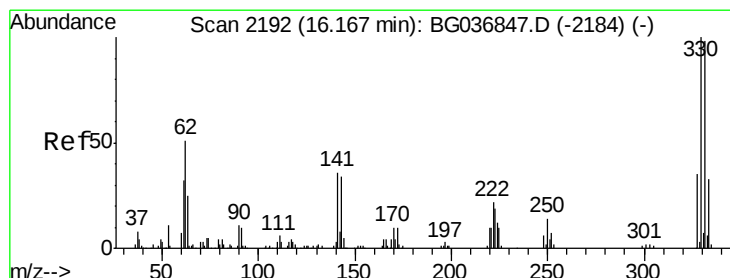
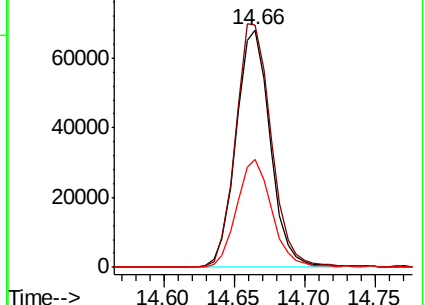
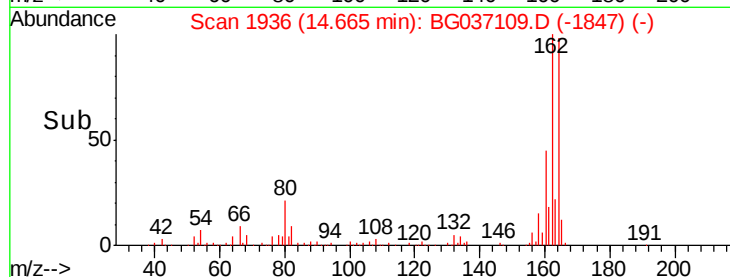
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.7	121.1
160	45.7	35.3	52.9



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



#41

2,4,6-Tribromophenol

Concen: 124.096 ng

RT: 16.15 min Scan# 2189

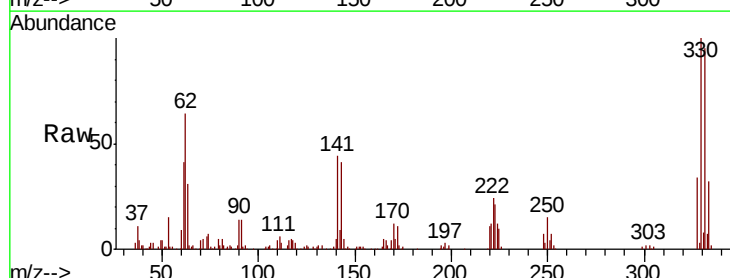
Delta R.T. -0.02 min

Lab File: BG037109.D

Acq: 2 Oct 2018 17:59

Tgt Ion:330 Resp: 171480

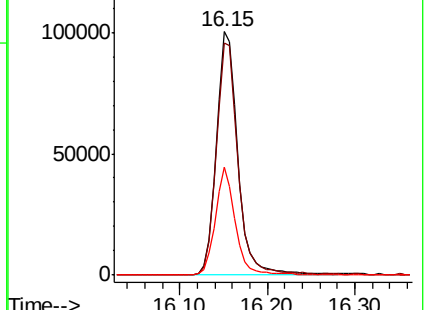
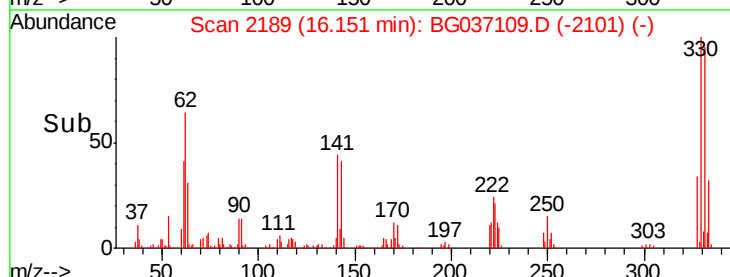
Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.4	113.2
141	41.1	30.7	46.1

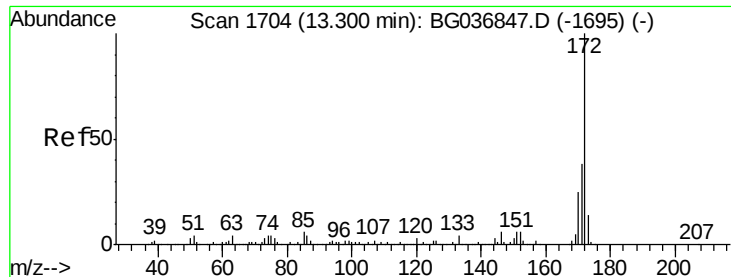


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

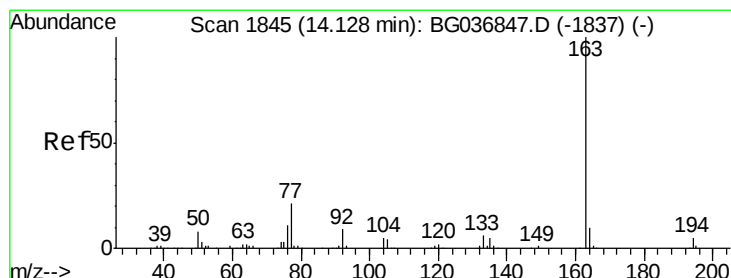
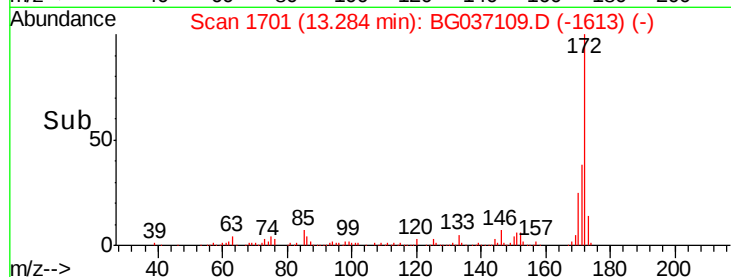
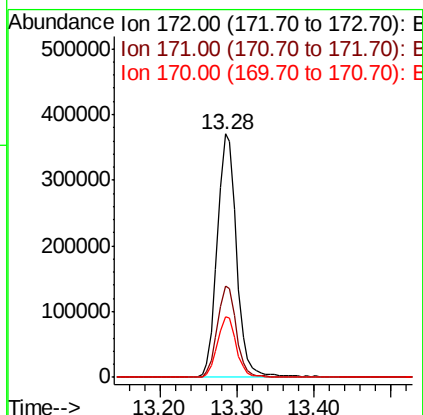
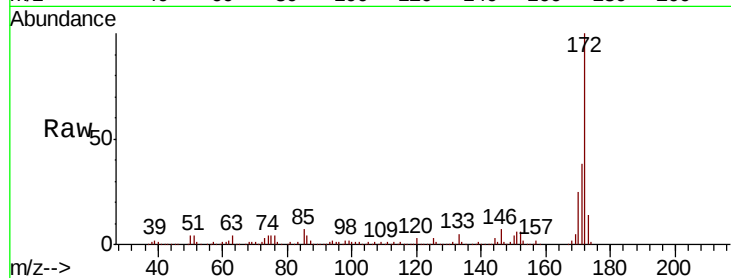
Ion 141.00 (140.70 to 141.70): E





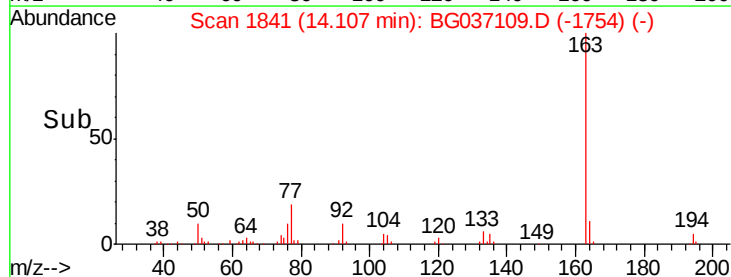
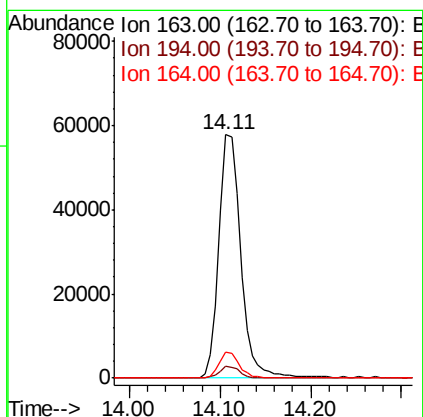
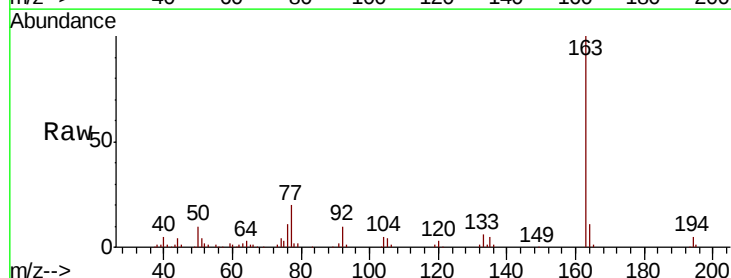
#44
2-Fluorobiphenyl
Concen: 83.020 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

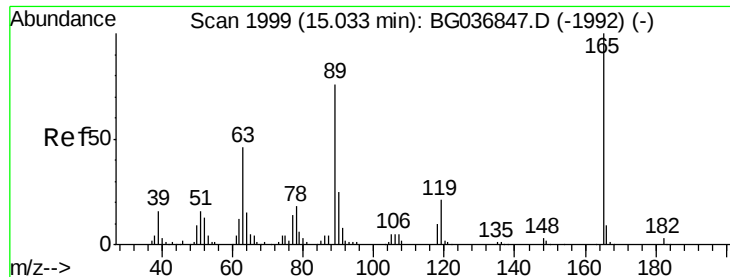
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	24.9	21.0	31.6



#49
Dimethylphthalate
Concen: 10.506 ng
RT: 14.11 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

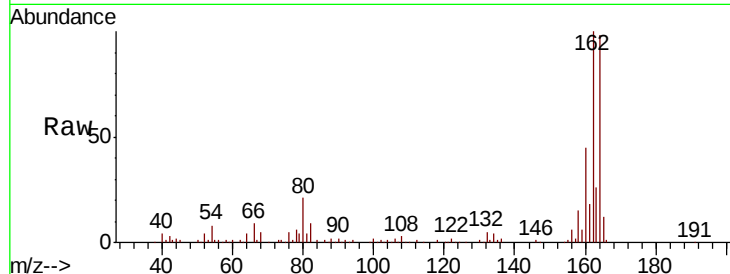
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.0	6.0
164	10.5	8.1	12.1



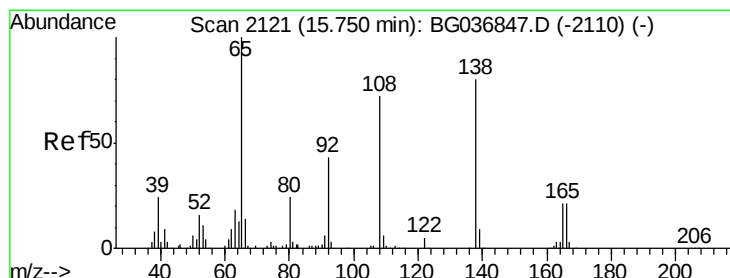
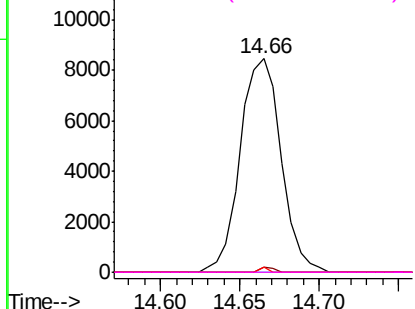
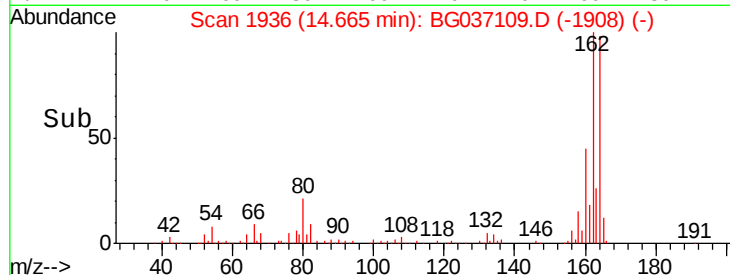


#56
2,4-Dinitrotoluene
Concen: 5.358 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.37 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.4	40.1	60.1#
89	2.4	63.7	95.5#
182	0.0	2.5	3.7#

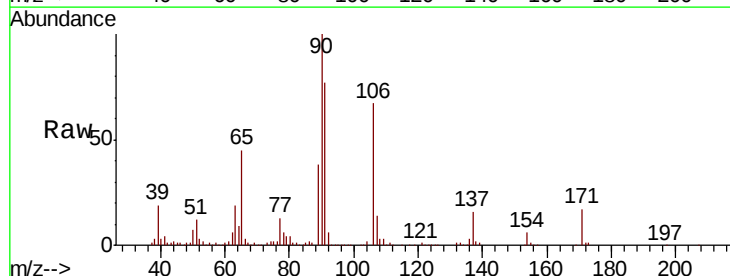


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

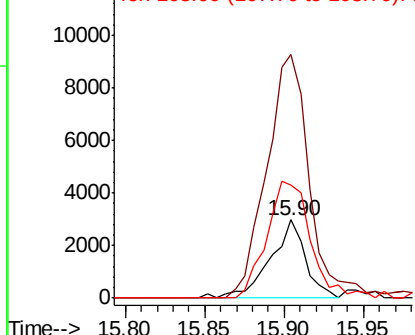
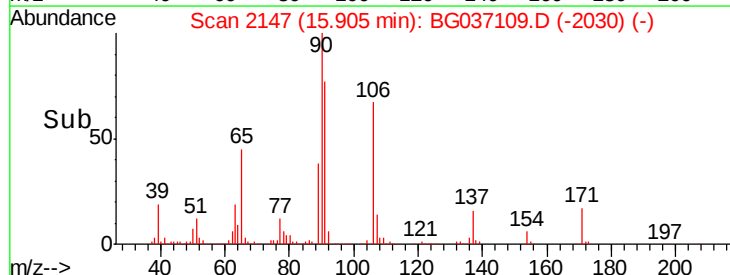


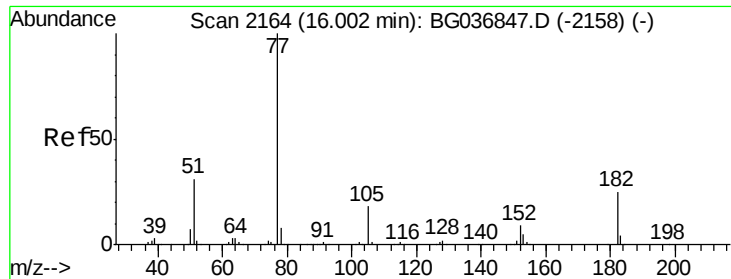
#61
4-Nitroaniline
Concen: 2.023 ng
RT: 15.90 min Scan# 2147
Delta R.T. 0.15 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	311.7	38.5	78.5#
108	144.5	70.3	110.3#



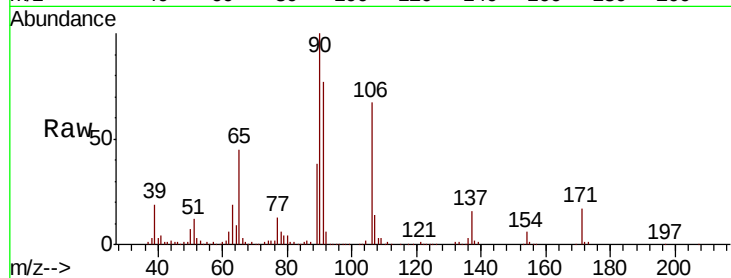
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E



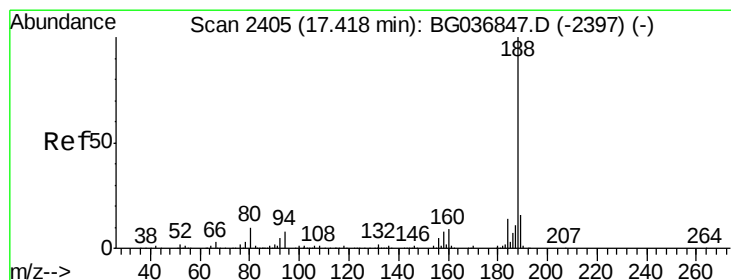
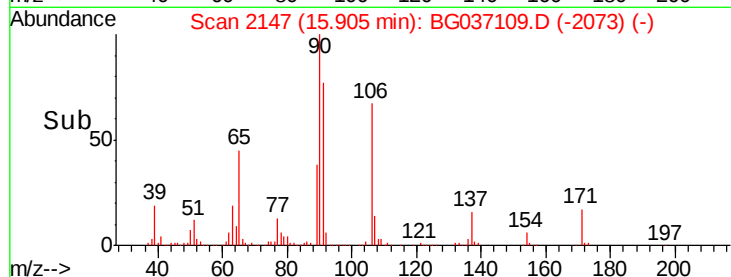
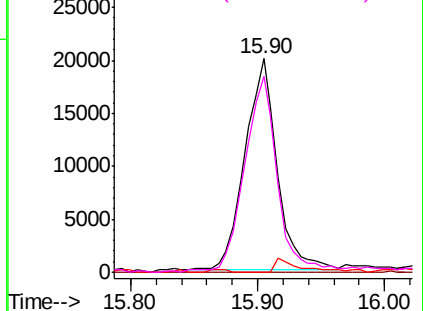


#62
Azobenzene
Concen: 3.873 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.10 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion: 77 Resp: 34896
Ion Ratio Lower Upper
77 100
182 0.0 6.7 46.7#
105 0.0 0.0 39.8
51 91.9 12.4 52.4#

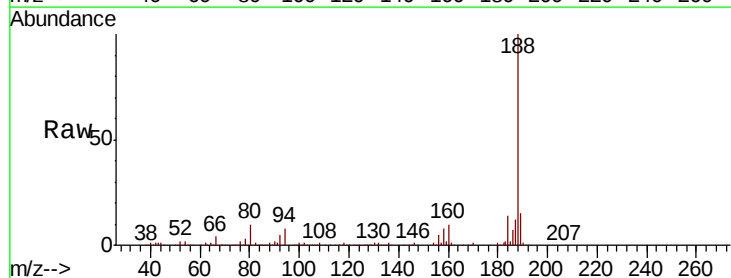


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

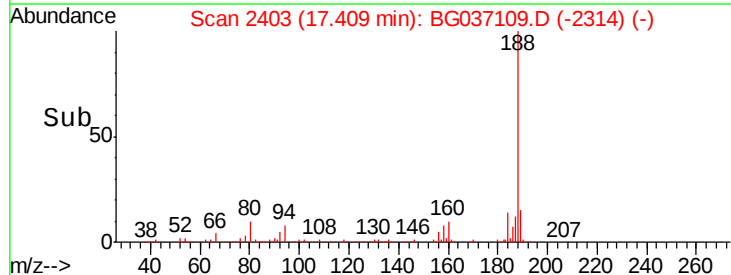
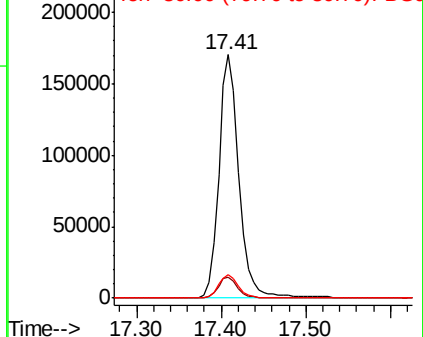


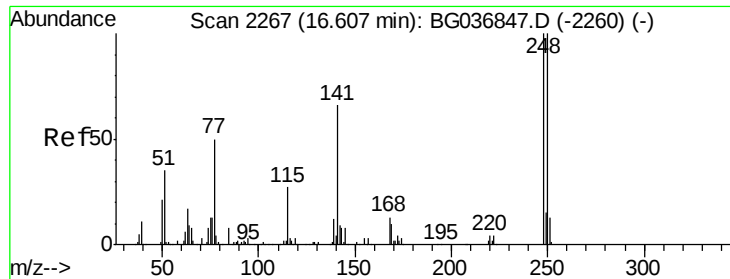
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion: 188 Resp: 281505
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 9.7 8.1 12.1



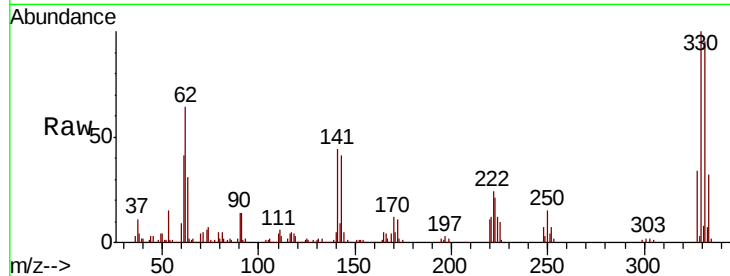
Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



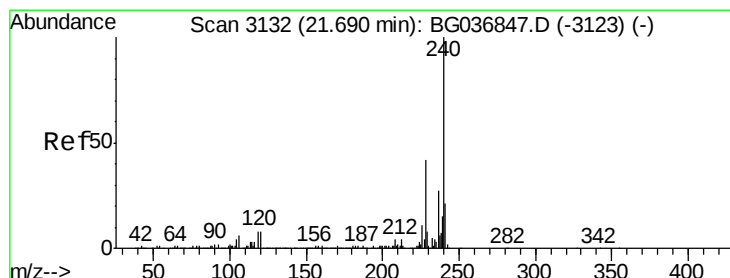
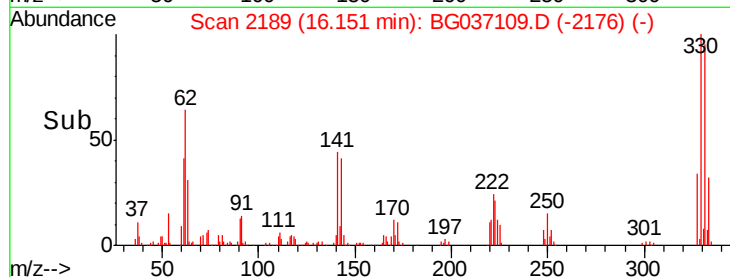
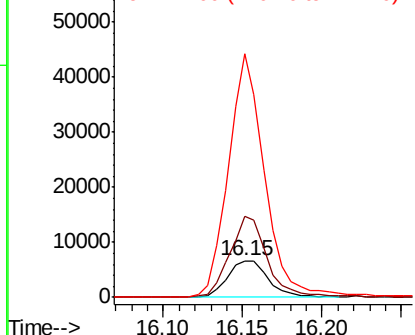


#66
4-Bromophenyl-phenylether
Concen: 3.673 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tot Ion:248 Resp: 11760
Ion Ratio Lower Upper
248 100
250 224.5 78.1 117.1#
141 670.4 53.7 80.5#

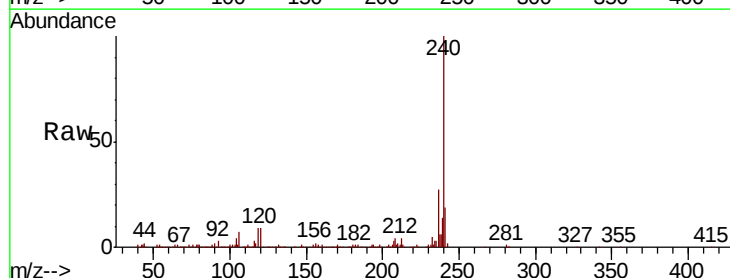


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

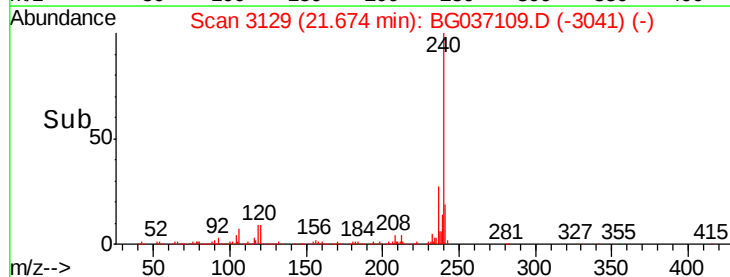
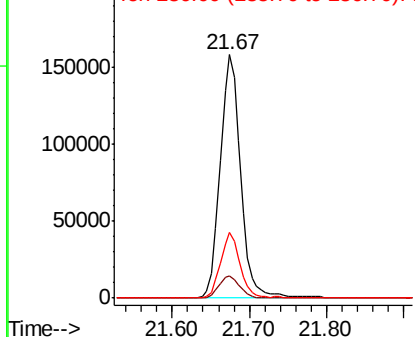


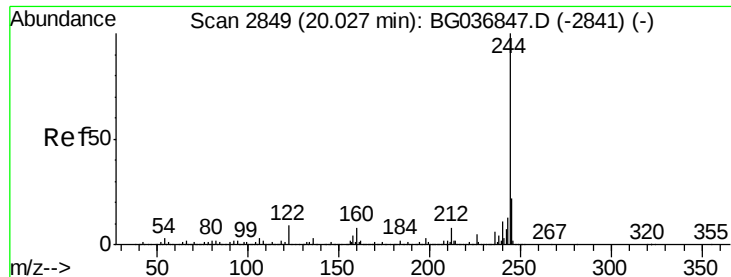
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037109.D
Acq: 2 Oct 2018 17:59

Tgt Ion:240 Resp: 291597
Ion Ratio Lower Upper
240 100
120 8.9 6.9 10.3
236 27.2 21.2 31.8



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

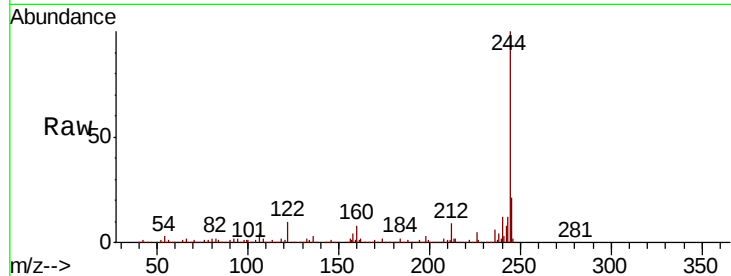




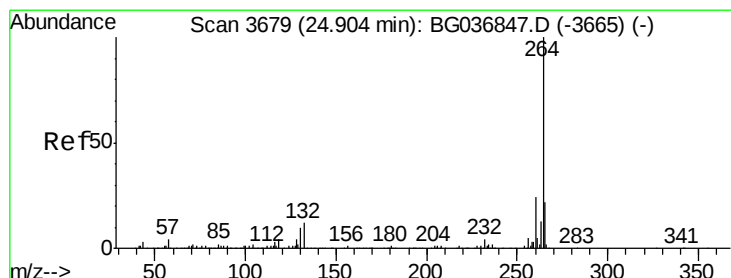
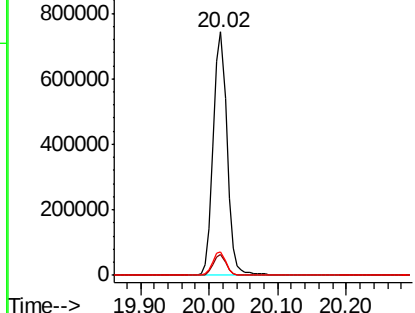
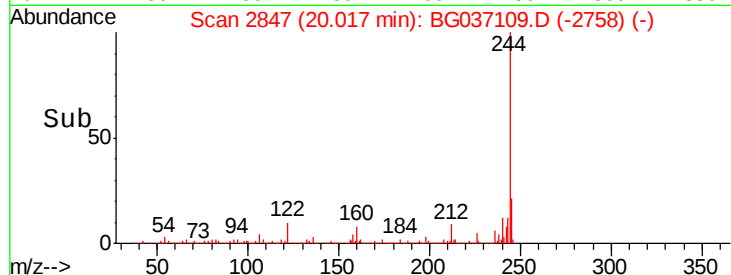
#78
 Terphenyl-d14
 Concen: 93.209 ng
 RT: 20.02 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BG037109.D
 Acq: 2 Oct 2018 17:59

Tot Ion:244 Resp: 1033636

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.6
122	9.5	7.1	10.7



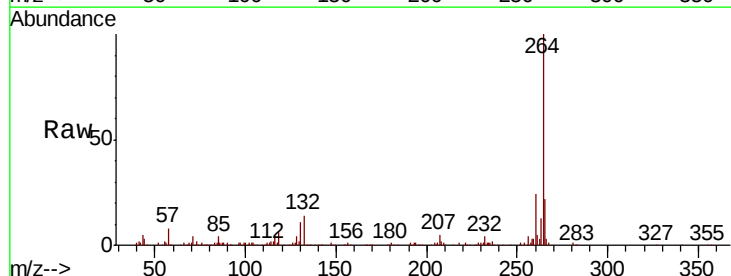
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037109.D
 Acq: 2 Oct 2018 17:59

Tgt Ion:264 Resp: 296753

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.8	17.4	26.0



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

