

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100218\
 Data File : BG037108.D
 Acq On : 2 Oct 2018 17:20
 Operator : JU/SJ
 Sample : J5191-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

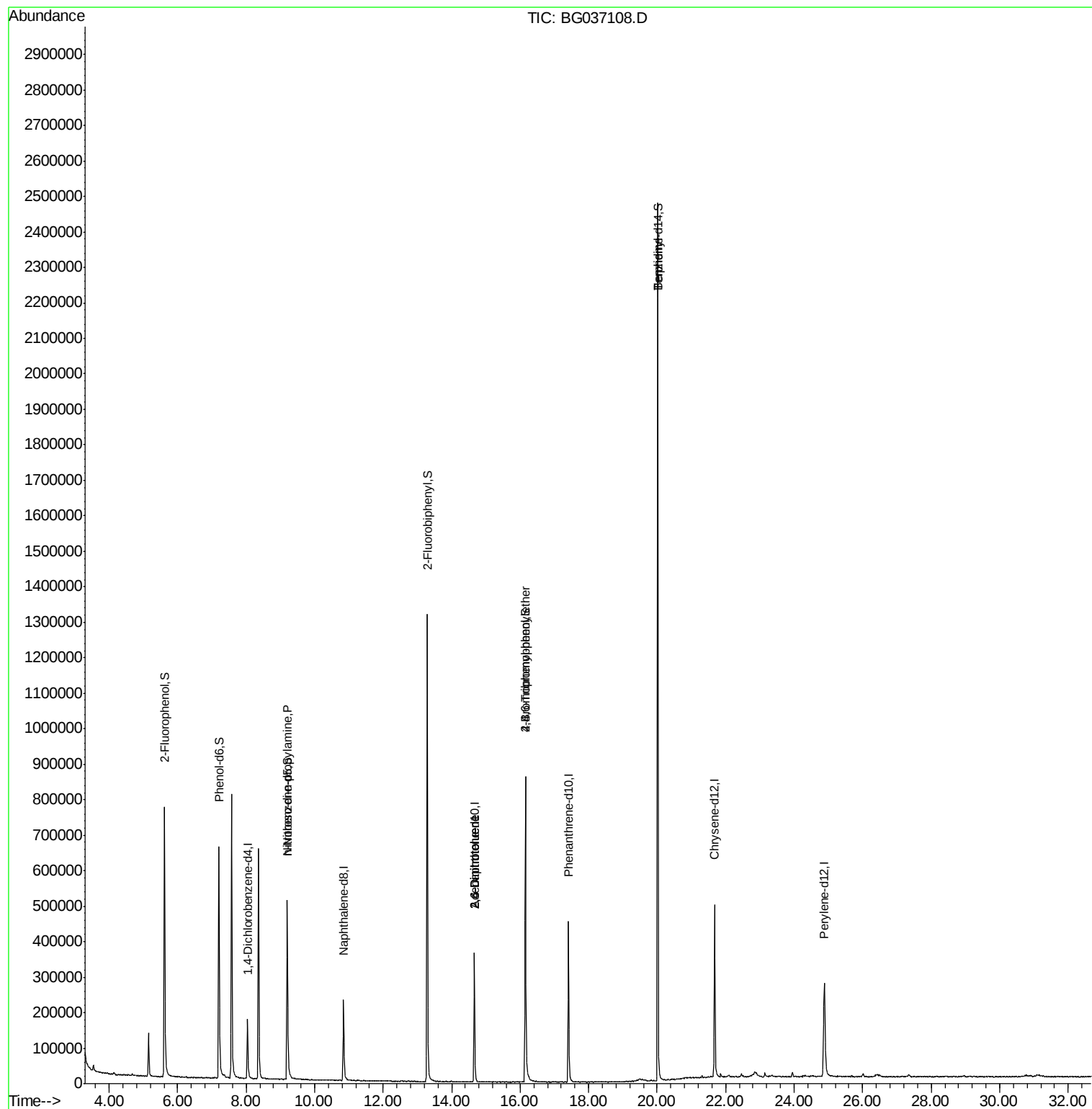
Quant Time: Oct 02 18:36:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

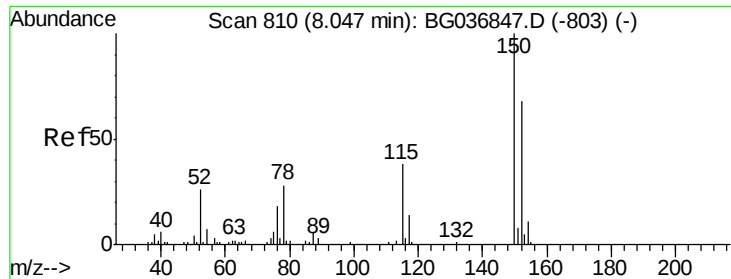
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	55798	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	226443	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	138521	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	329390	20.00	ng	0.00
75) Chrysene-d12	21.67	240	338932	20.00	ng	-0.02
86) Perylene-d12	24.88	264	332413	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	363495	124.93	ng	0.00
7) Phenol-d6	7.20	99	452525	100.53	ng	0.00
23) Nitrobenzene-d5	9.20	82	378169	89.43	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	185122	111.70	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	760980	81.82	ng	-0.02
78) Terphenyl-d14	20.02	244	1241537	96.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	49306	13.167	ng	# 72
50) 2,6-Dinitrotoluene	14.66	165	17670	7.263	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	17670	5.205	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	12979	3.464	ng	# 1
76) Benzidine	20.02	184	21005	2.050	ng	# 95

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

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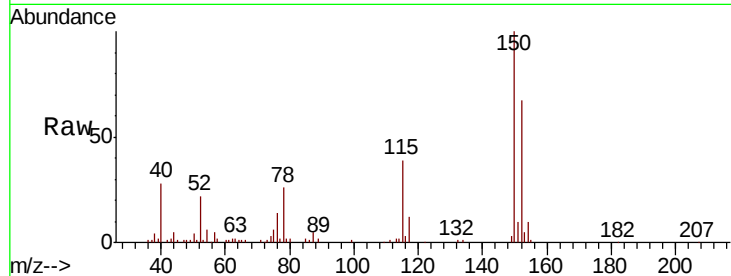




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	119.5	179.3
115	58.5	44.5	66.7

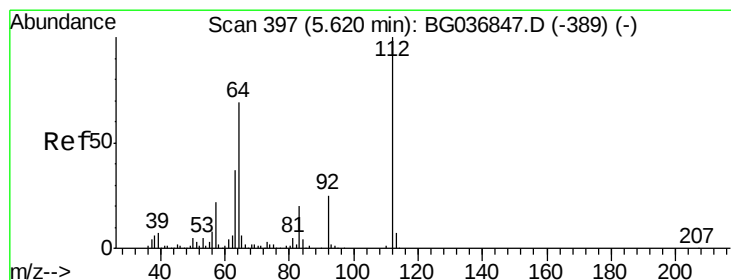
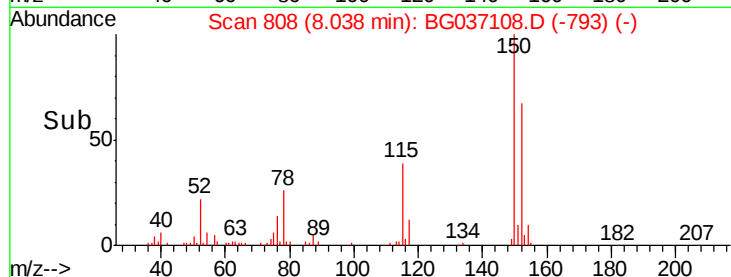
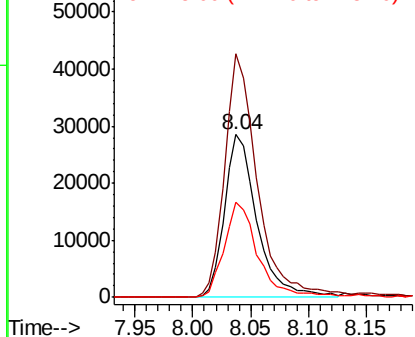


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

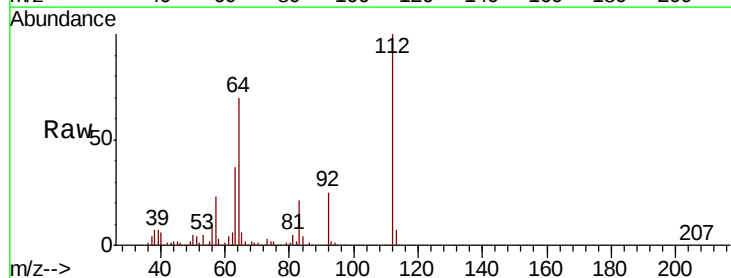
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 124.934 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	57.2	85.8
63	36.9	30.8	46.2

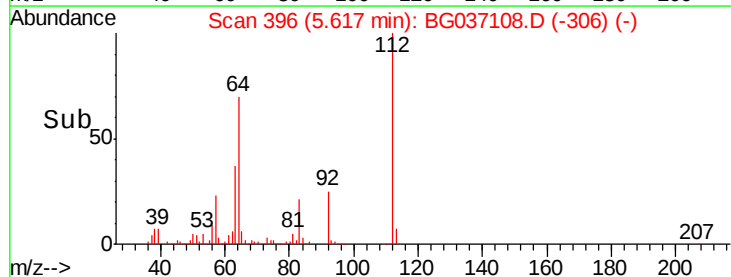
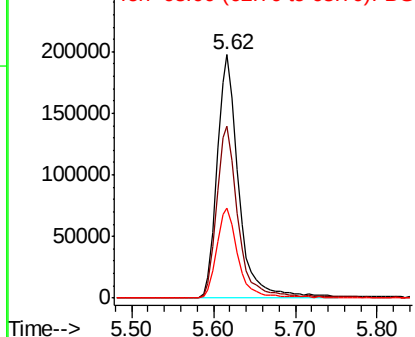


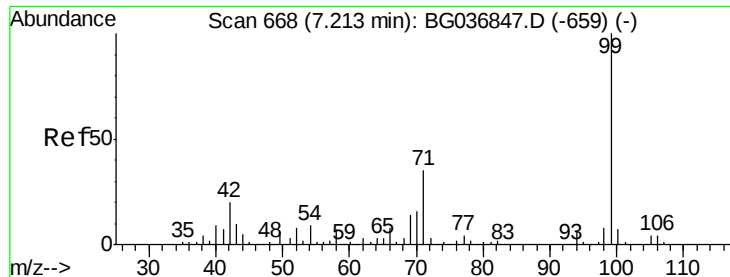
Abundance

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: 100.528 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037108.D

Acq: 2 Oct 2018 17:20

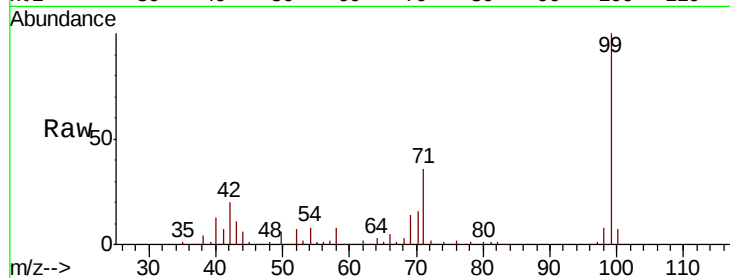
Tot Ion: 99 Resp: 452525

Ion Ratio Lower Upper

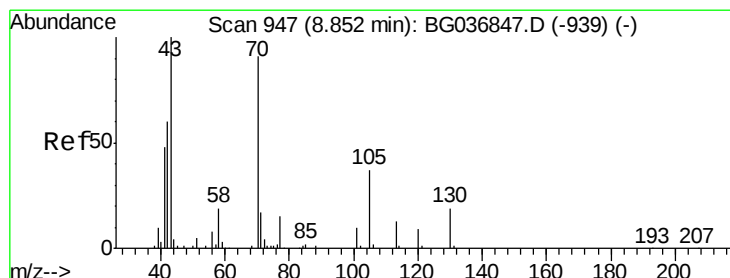
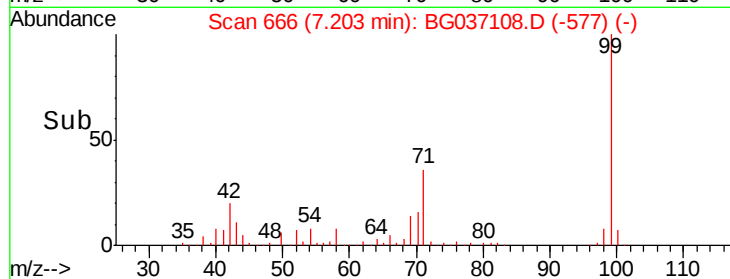
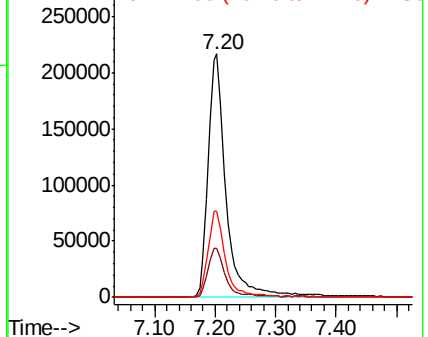
99 100

42 20.4 16.5 24.7

71 35.5 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: 13.167 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037108.D

Acq: 2 Oct 2018 17:20

Tgt Ion: 70 Resp: 49306

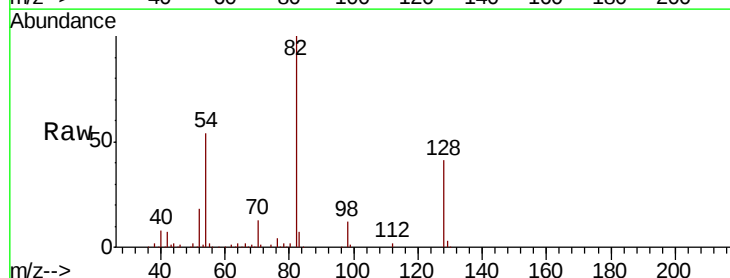
Ion Ratio Lower Upper

70 100

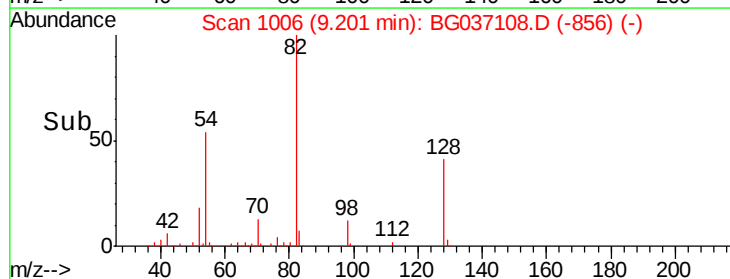
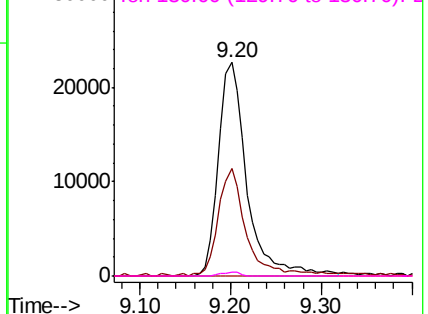
42 50.5 56.2 84.4#

101 0.0 7.8 11.6#

130 1.7 16.2 24.2#



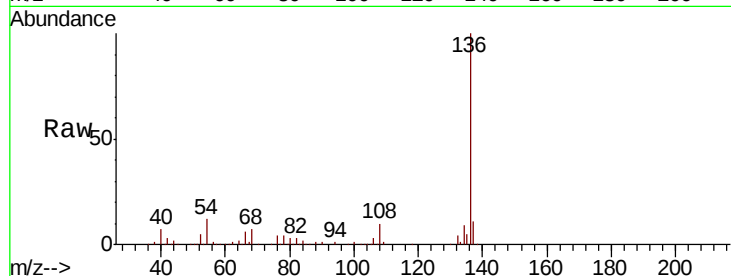
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



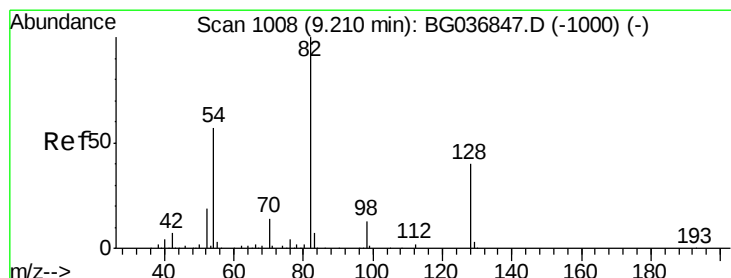
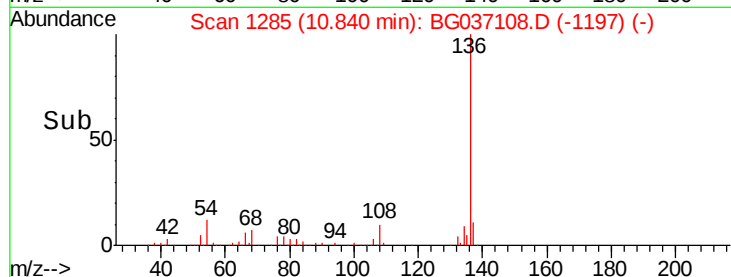
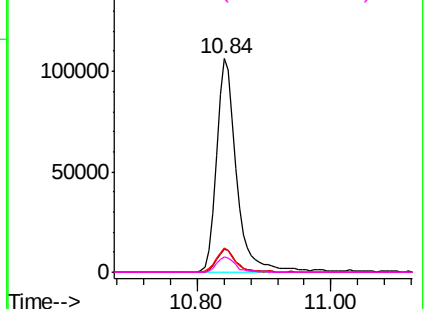


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tot Ion:136	Resp:	226443
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.8	13.2
54 11.6	9.2	13.8
68 7.0	5.8	8.6

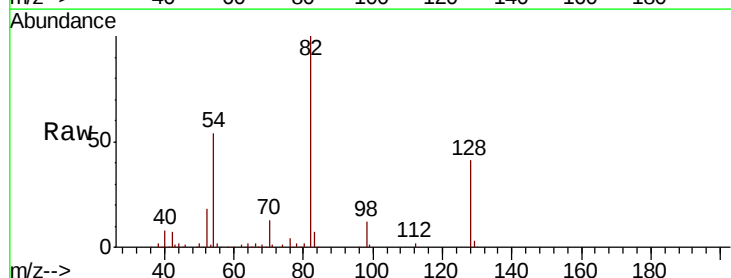


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

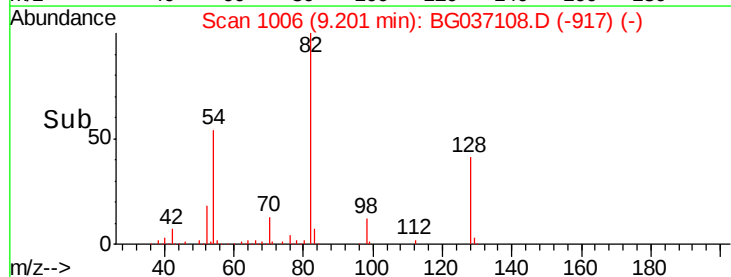
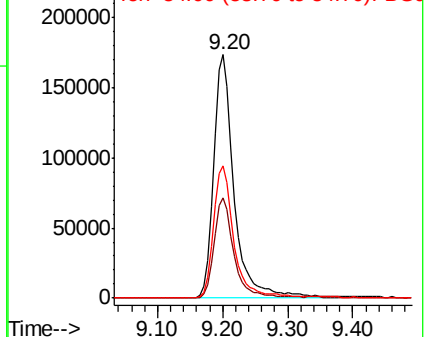


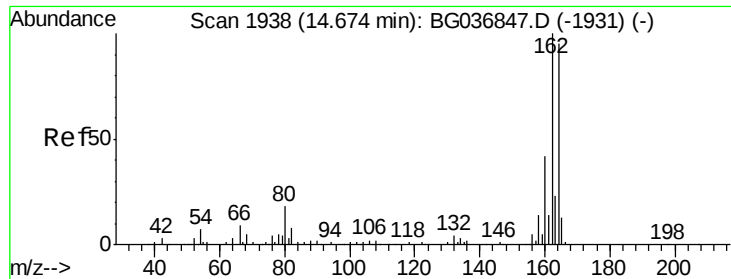
#23
Nitrobenzene-d5
Concen: 89.432 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tgt	Ion: 82	Resp:	378169
Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.3	49.9
54	54.3	45.1	67.7



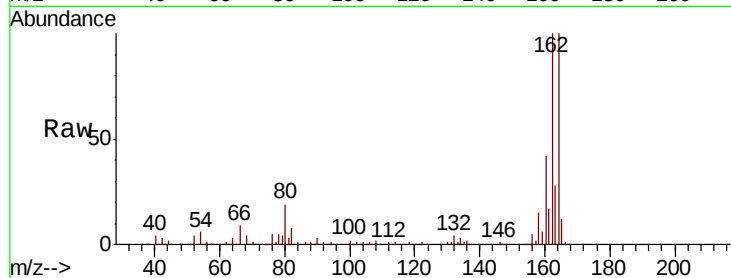
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC



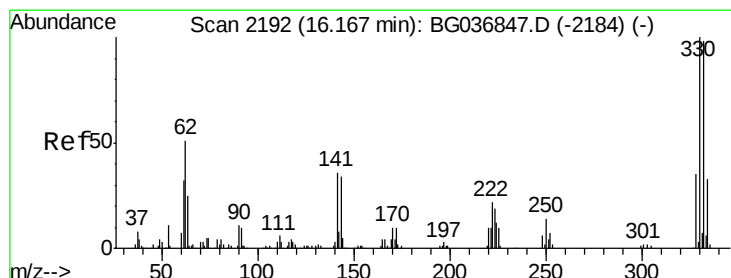
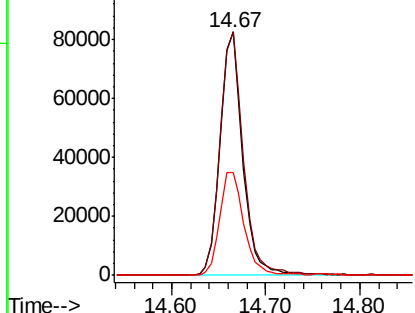
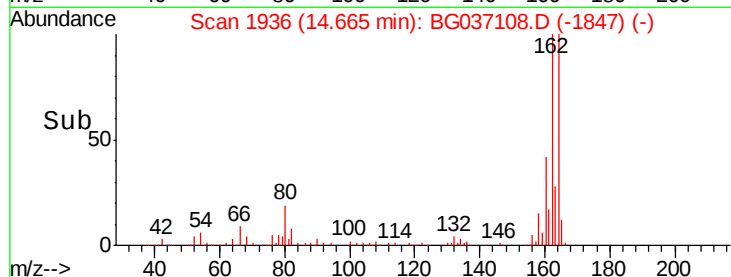


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.7	121.1
160	42.6	35.3	52.9

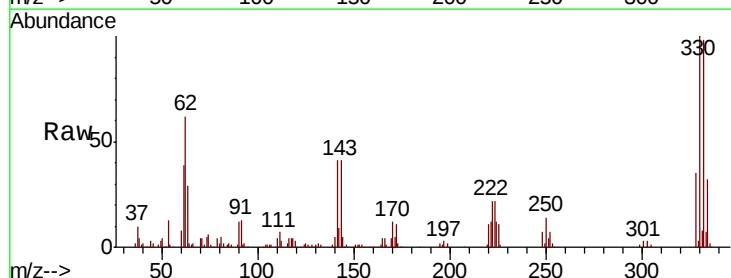


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

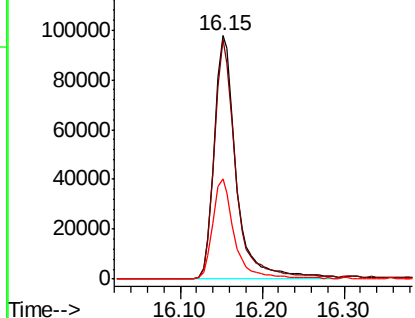
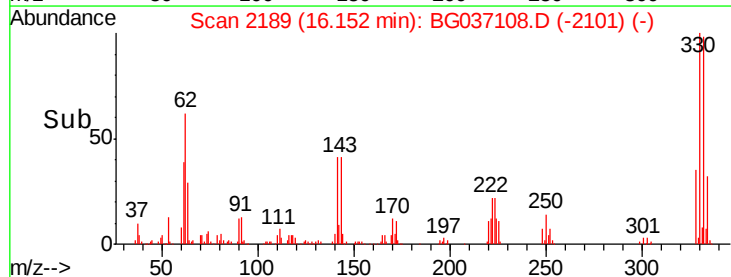


#41
2,4,6-Tribromophenol
Concen: 111.700 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	40.2	30.7	46.1



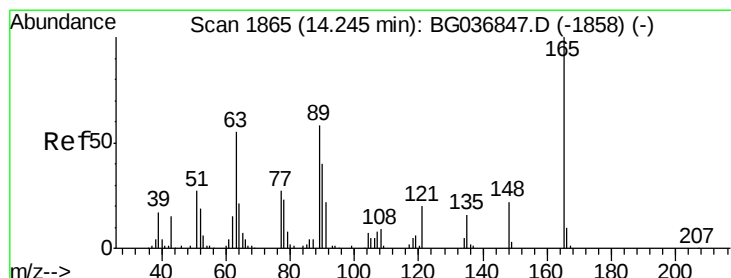
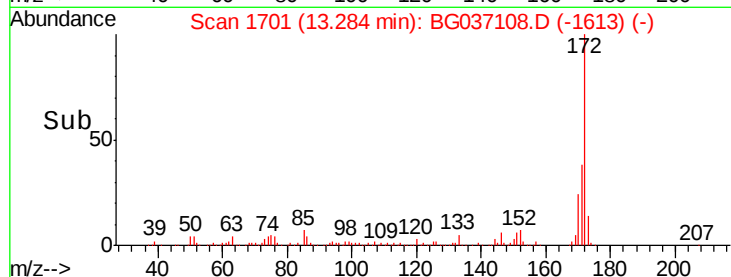
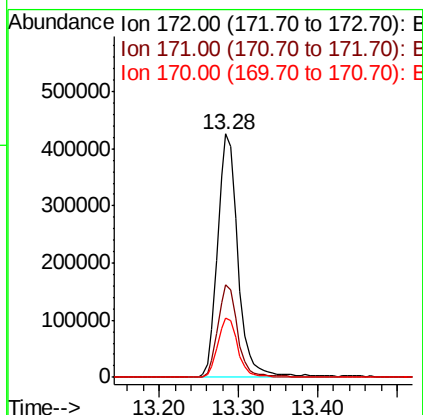
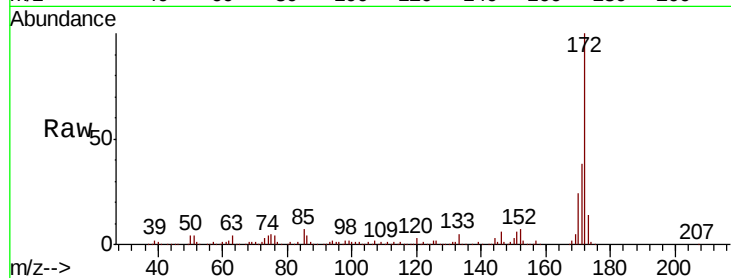
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





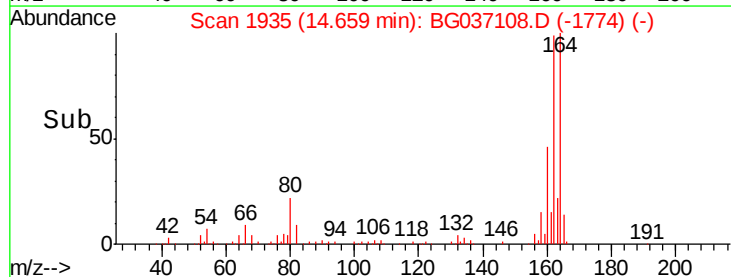
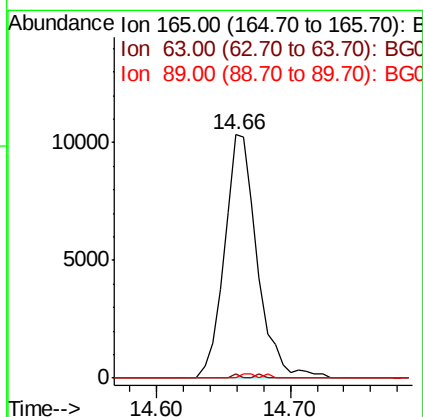
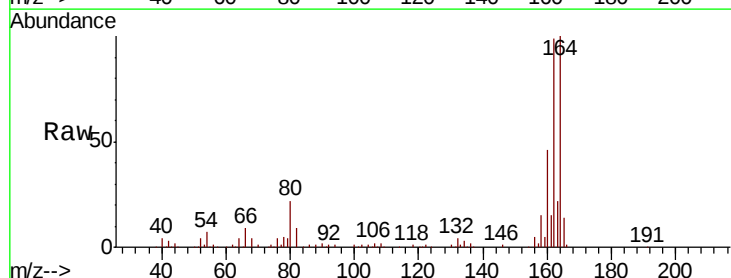
#44
2-Fluorobiphenyl
Concen: 81.821 ng
RT: 13.28 min Scan# 1701
Delta R.T. -0.02 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

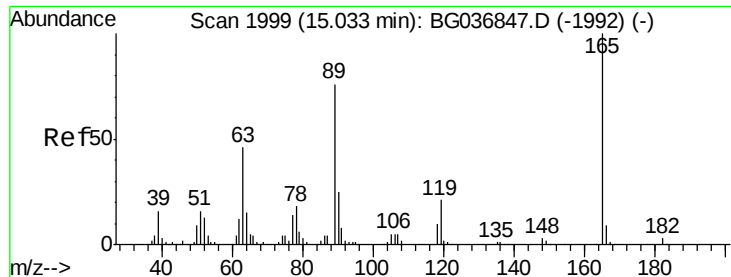
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	24.5	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.263 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

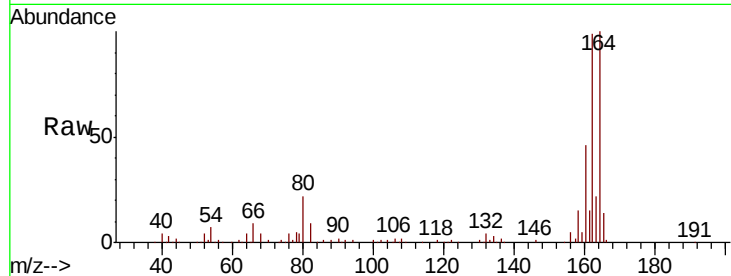
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	50.1	75.1#
89	0.0	47.8	71.6#



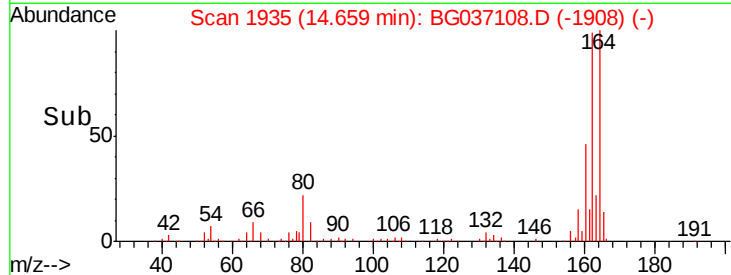
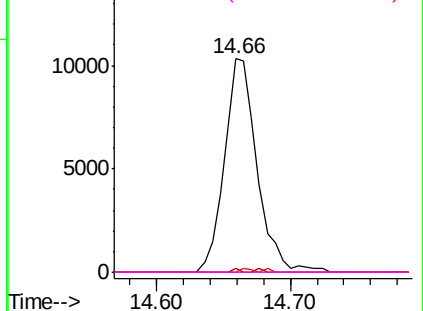


#56
2,4-Dinitrotoluene
Concen: 5.205 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.37 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tot Ion:165 Resp: 17670
Ion Ratio Lower Upper
165 100
63 1.9 40.1 60.1#
89 0.0 63.7 95.5#
182 0.0 2.5 3.7#

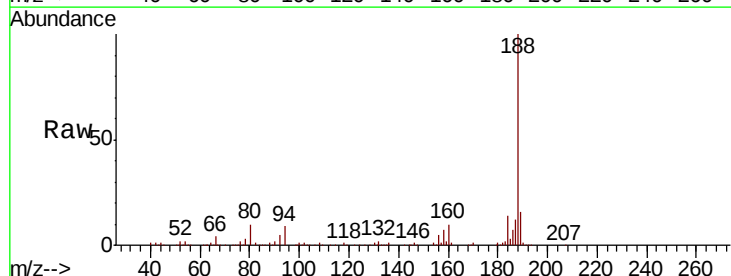


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

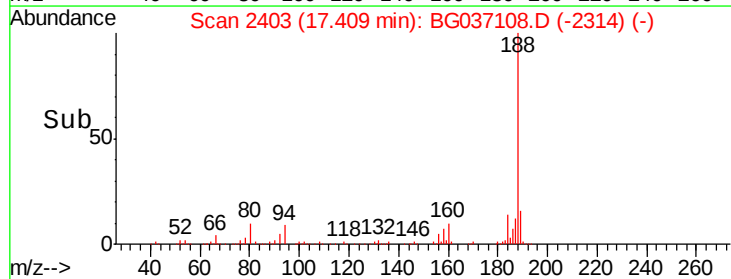
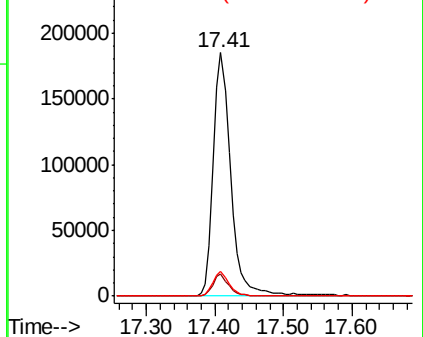


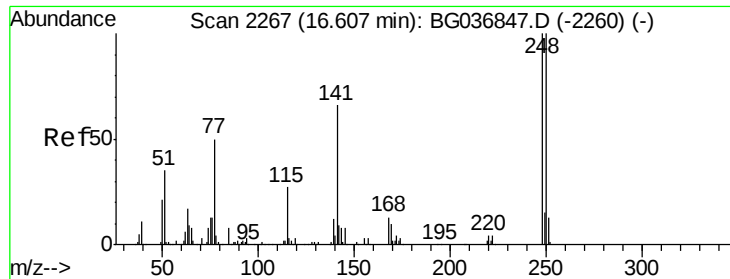
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tgt Ion:188 Resp: 329390
Ion Ratio Lower Upper
188 100
94 9.0 6.7 10.1
80 10.0 8.1 12.1



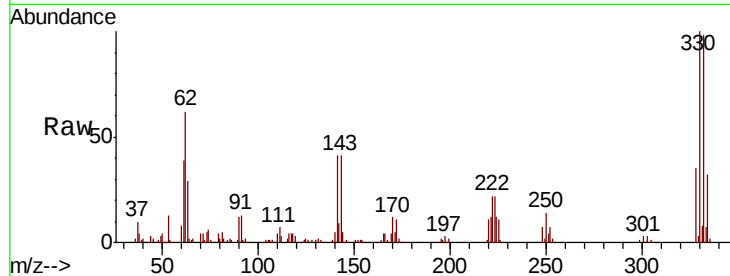
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC



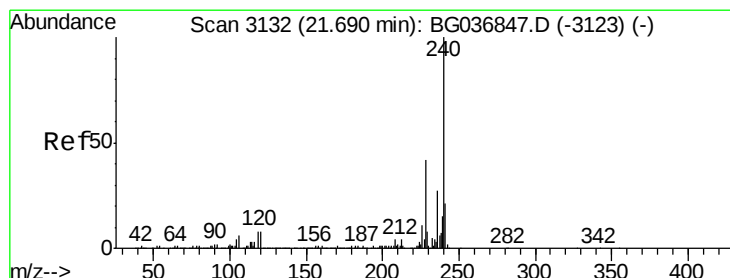
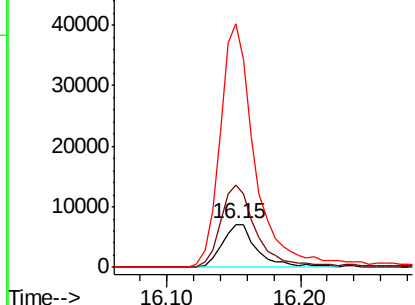
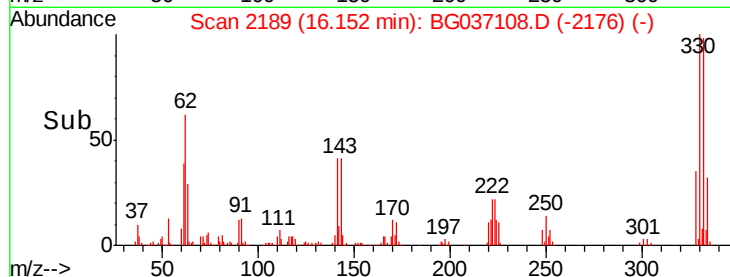


#66
 4-Bromophenyl-phenylether
 Concen: 3.464 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037108.D
 Acq: 2 Oct 2018 17:20

Tot Ion:248 Resp: 12979
 Ion Ratio Lower Upper
 248 100
 250 192.6 78.1 117.1#
 141 565.2 53.7 80.5#

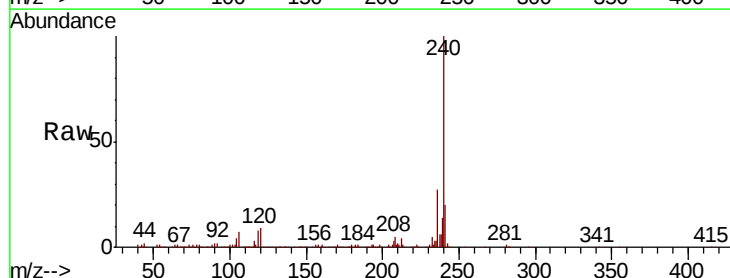


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

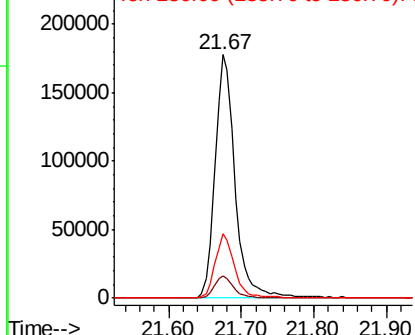
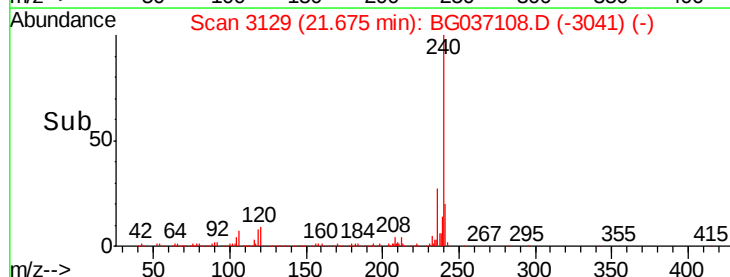


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037108.D
 Acq: 2 Oct 2018 17:20

Tgt Ion:240 Resp: 338932
 Ion Ratio Lower Upper
 240 100
 120 9.0 6.9 10.3
 236 26.6 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





#76

Benzidine

Concen: 2.050 ng

RT: 20.02 min Scan# 2847

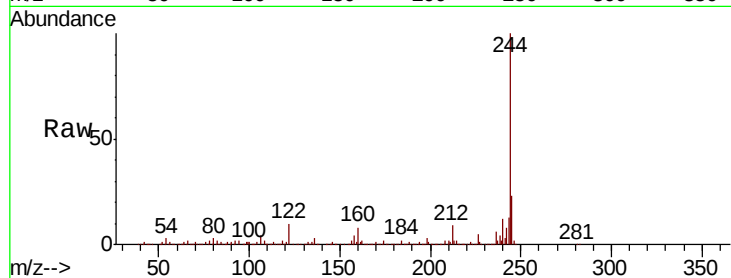
Delta R.T. 0.37 min

Lab File: BG037108.D

Acq: 2 Oct 2018 17:20

Tot Ion:184 Resp: 21005

Ion	Ratio	Lower	Upper
184	100		
185	16.1	12.6	18.8
183	9.9	10.9	16.3

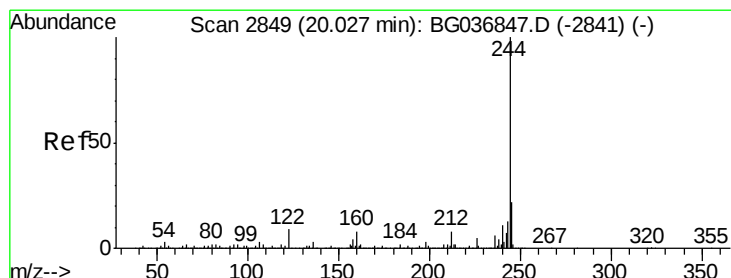
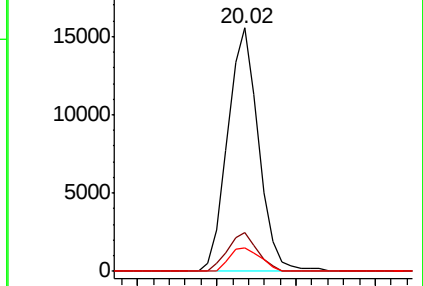
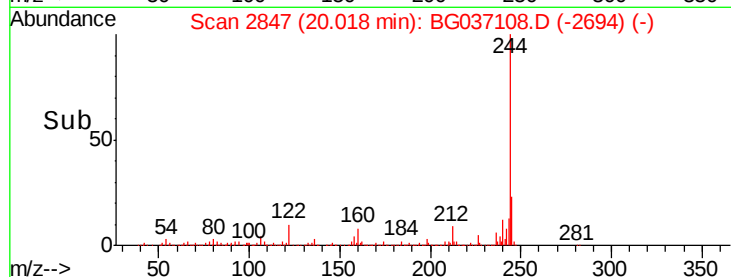


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 96.320 ng

RT: 20.02 min Scan# 2847

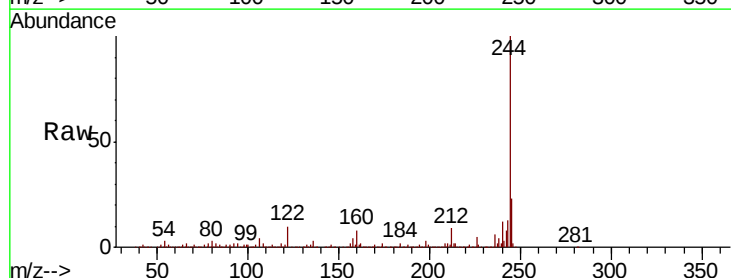
Delta R.T. -0.01 min

Lab File: BG037108.D

Acq: 2 Oct 2018 17:20

Tgt Ion:244 Resp: 1241537

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	10.3	7.1	10.7

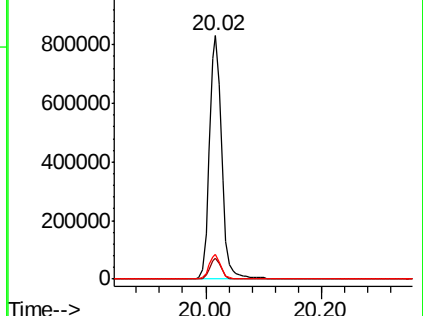
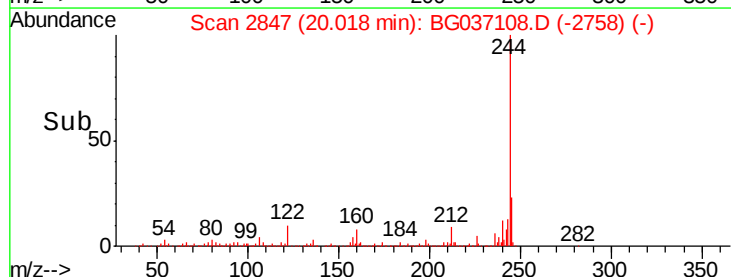


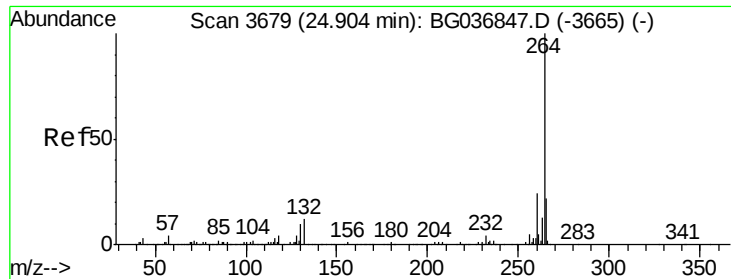
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037108.D
Acq: 2 Oct 2018 17:20

Tot Ion:	264	Resp:	332413
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.2	17.4	26.0

