

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
 Data File : BG037119.D
 Acq On : 3 Oct 2018 00:28
 Operator : JU/SJ
 Sample : PB113441BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

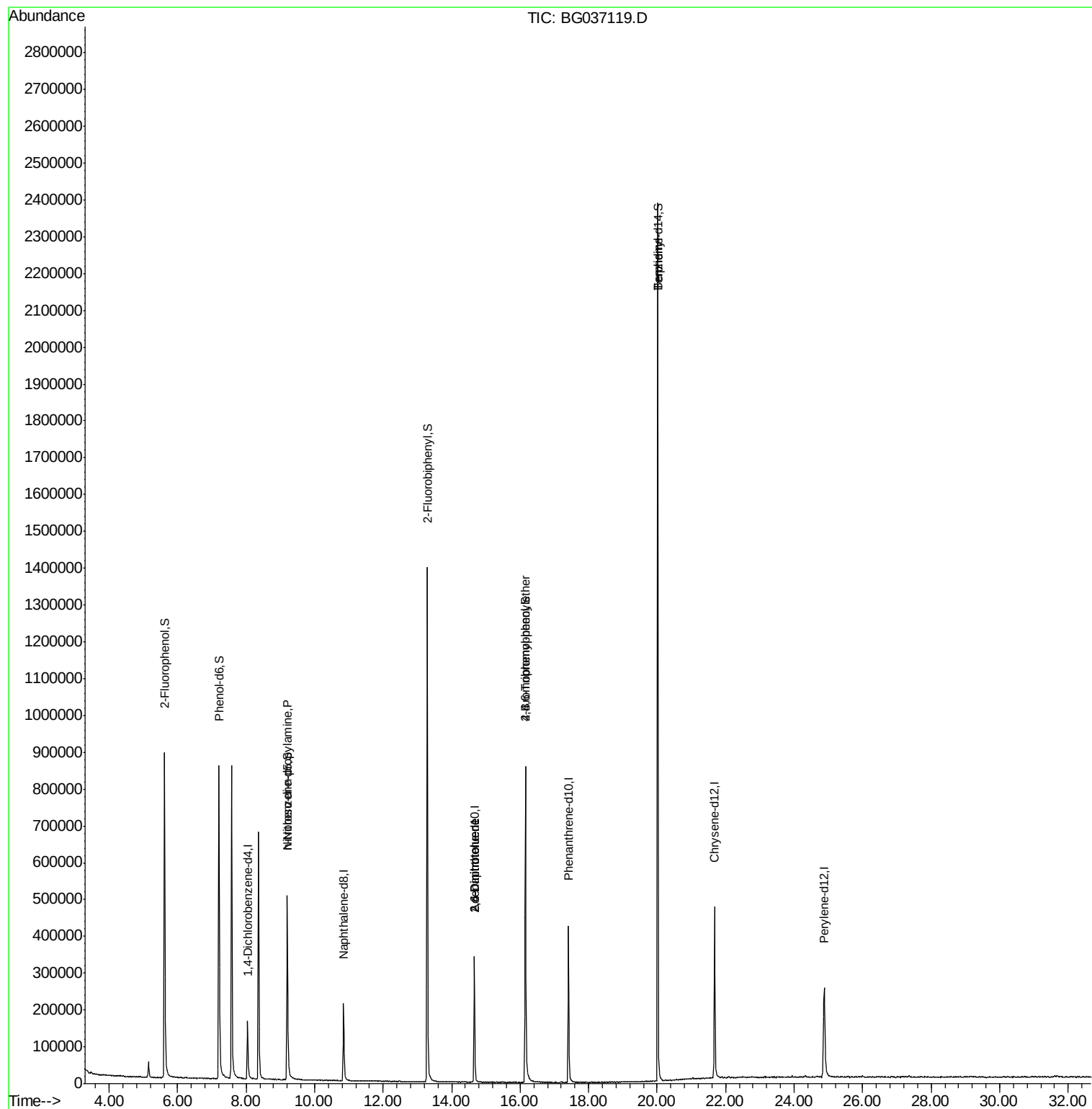
Quant Time: Oct 03 01:58:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

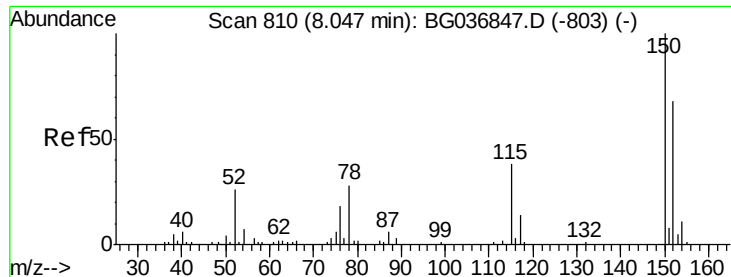
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	53819	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	219991	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	134067	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	315475	20.00	ng	0.00
75) Chrysene-d12	21.67	240	328379	20.00	ng	-0.02
86) Perylene-d12	24.88	264	313713	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	423517	150.92	ng	0.00
7) Phenol-d6	7.20	99	562765	129.61	ng	0.00
23) Nitrobenzene-d5	9.20	82	373841	91.00	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	189749	118.30	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	807239	89.68	ng	-0.02
78) Terphenyl-d14	20.02	244	1231797	98.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	49828	13.795	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	16988	7.215	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	16988	5.171	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	12939	3.606	ng	# 1
76) Benzidine	20.02	184	21025	2.118	ng	# 93

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

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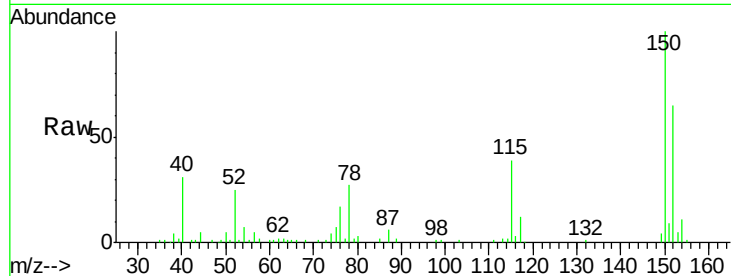
Quant Time: Oct 03 01:58:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration



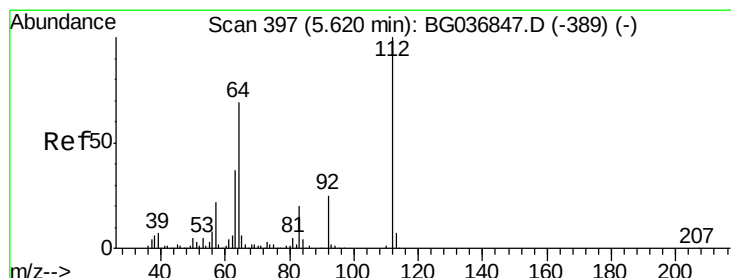
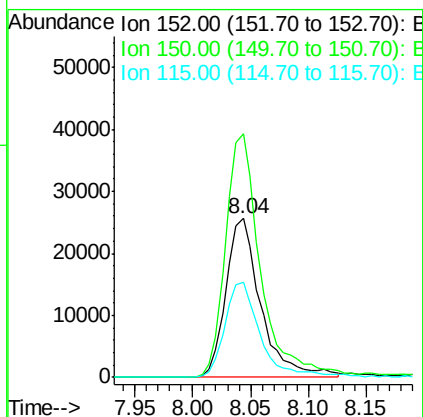
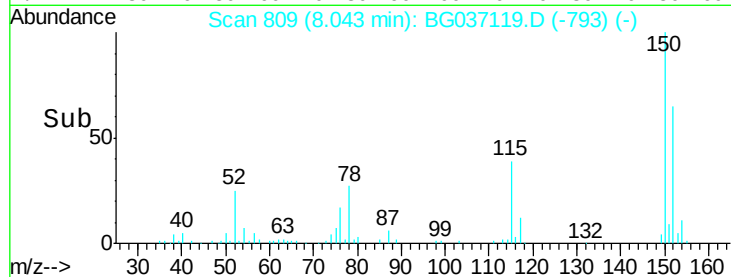


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

Tgt Ion:152 Resp: 53819
 Ion Ratio Lower Upper
 152 100
 150 153.2 119.5 179.3
 115 60.0 44.5 66.7

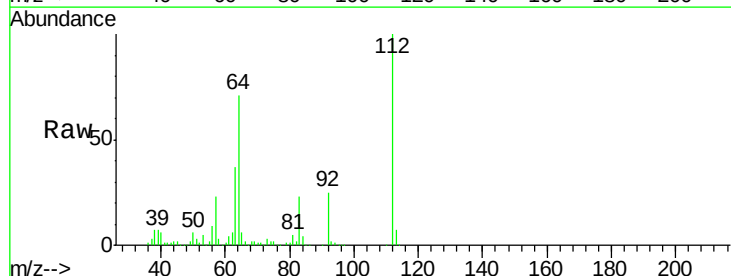


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

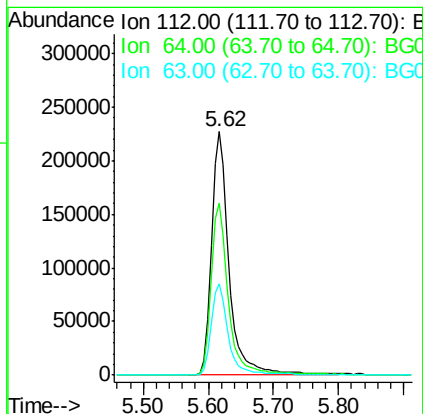
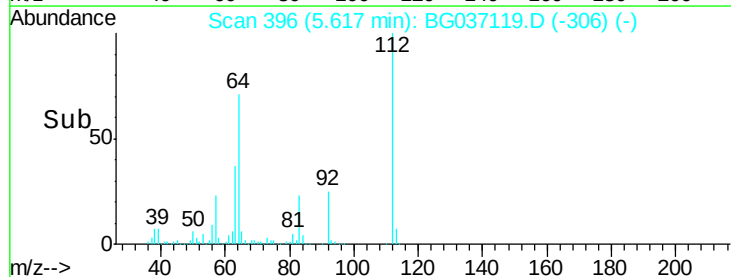


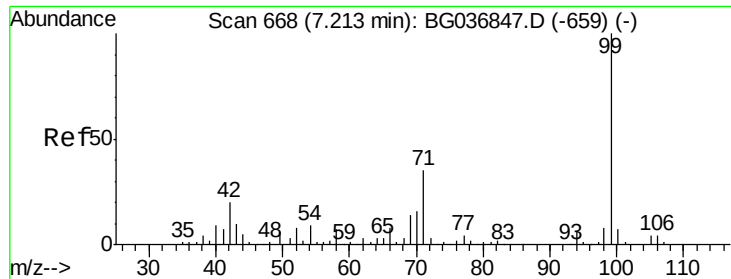
#5
 2-Fluorophenol
 Concen: 150.916 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

Tgt Ion:112 Resp: 423517
 Ion Ratio Lower Upper
 112 100
 64 70.7 57.2 85.8
 63 37.3 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: 129.614 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037119.D

Acq: 3 Oct 2018 00:28

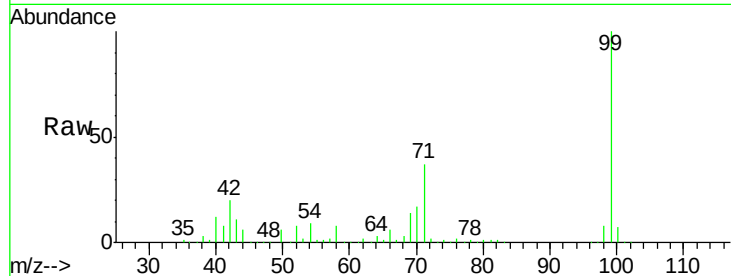
Tgt Ion: 99 Resp: 562765

Ion Ratio Lower Upper

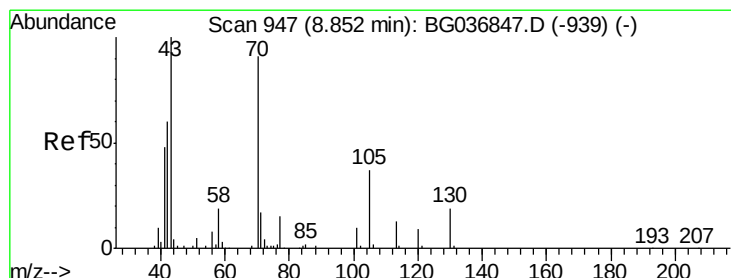
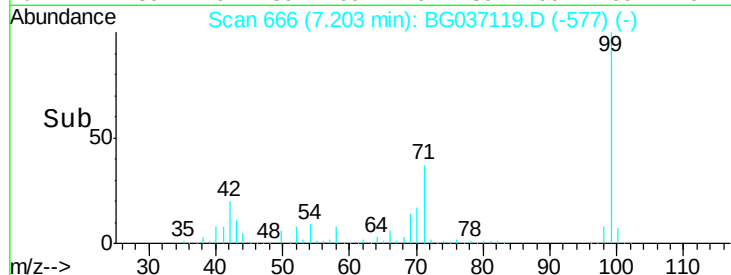
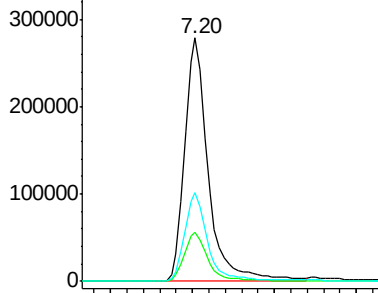
99 100

42 19.9 16.5 24.7

71 36.7 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: 13.795 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037119.D

Acq: 3 Oct 2018 00:28

Tgt Ion: 70 Resp: 49828

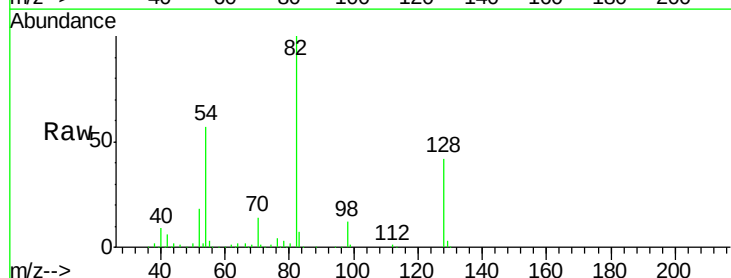
Ion Ratio Lower Upper

70 100

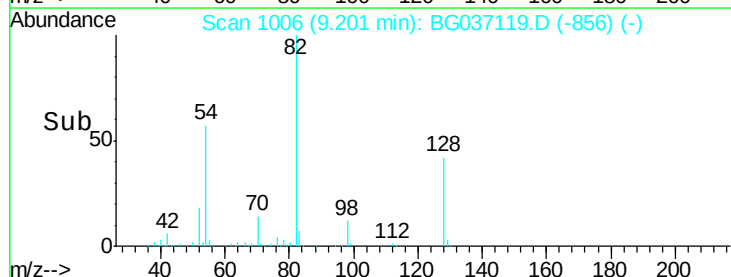
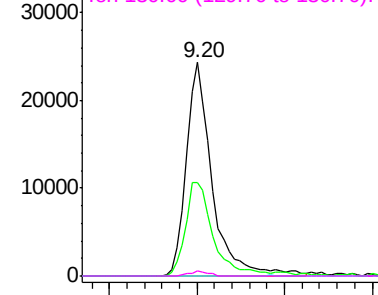
42 44.0 56.2 84.4#

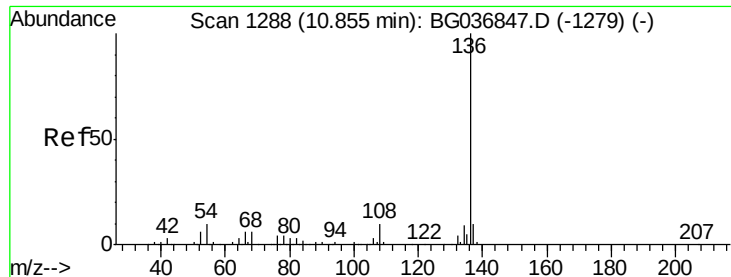
101 0.0 7.8 11.6#

130 2.2 16.2 24.2#



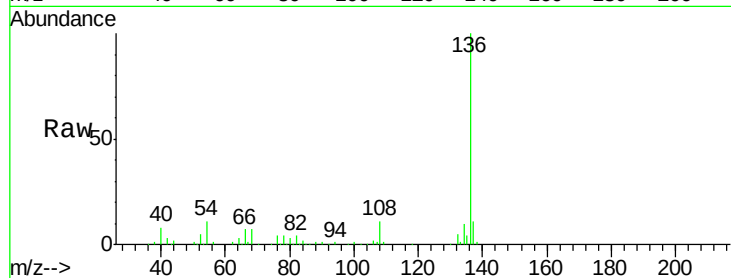
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



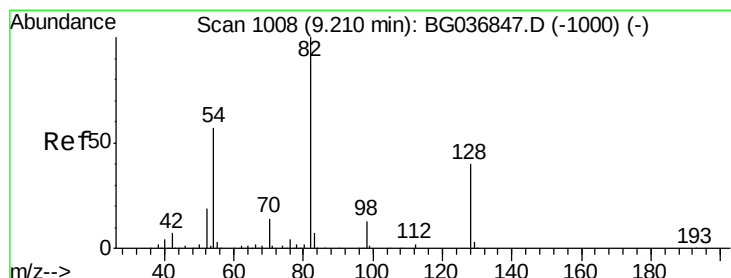
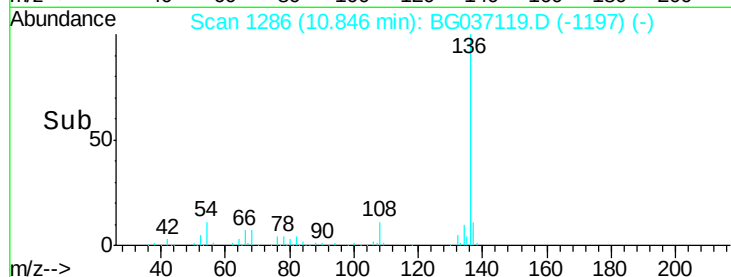
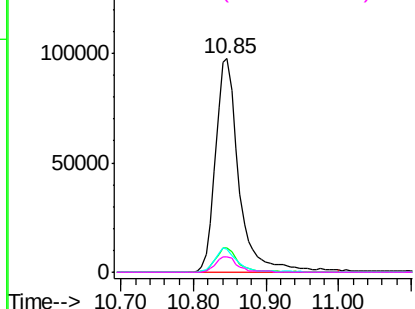


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037119.D
Acq: 3 Oct 2018 00:28

Tgt Ion:	136	Resp:	219991
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.7	9.2	13.8
68	7.1	5.8	8.6

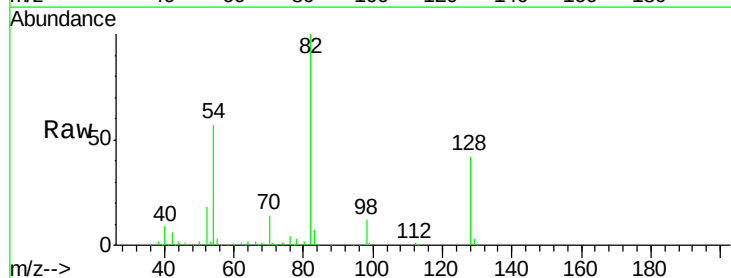


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

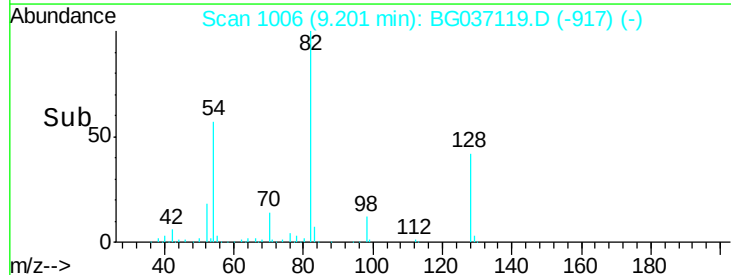
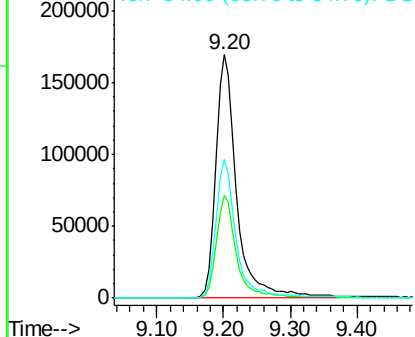


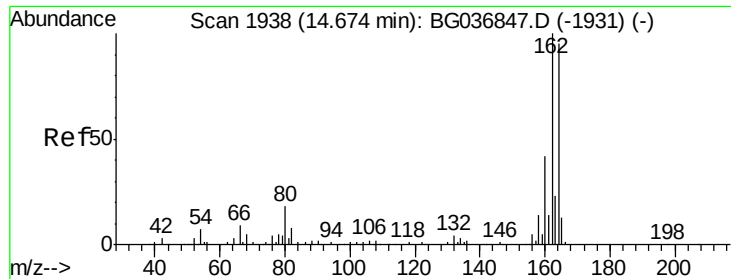
#23
Nitrobenzene-d5
Concen: 91.002 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037119.D
Acq: 3 Oct 2018 00:28

Tgt Ion:	82	Resp:	373841
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.3	49.9
54	57.0	45.1	67.7



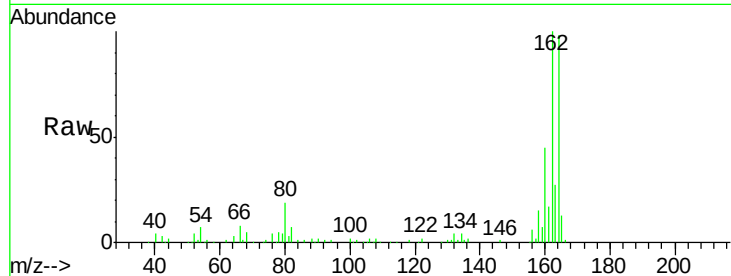
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



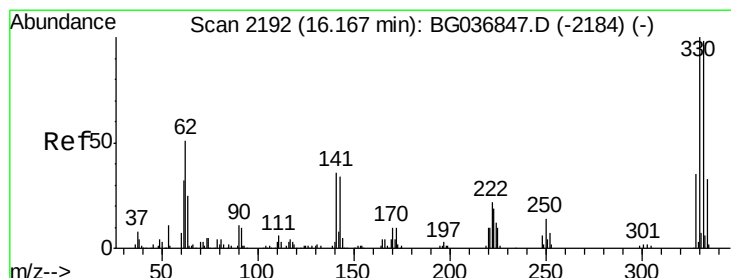
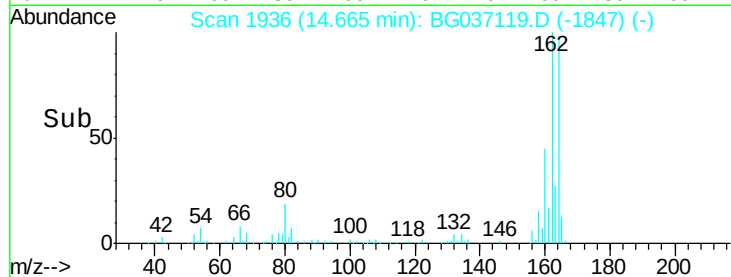
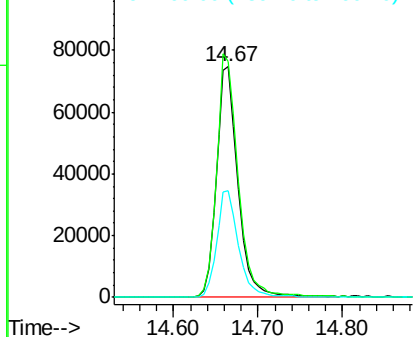


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037119.D
Acq: 3 Oct 2018 00:28

Tgt Ion:164 Resp: 134067
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 46.1 35.3 52.9

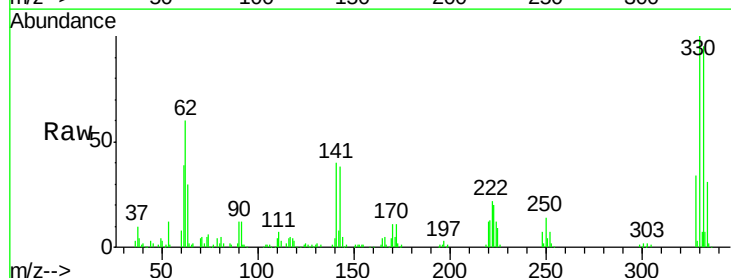


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

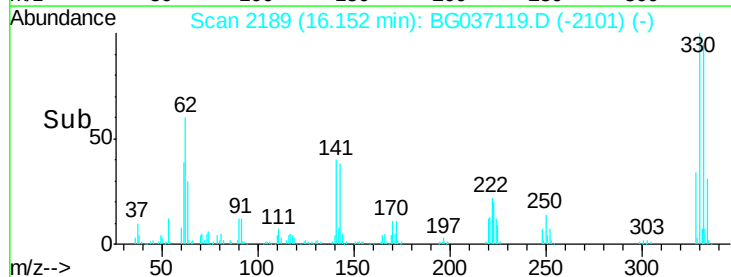
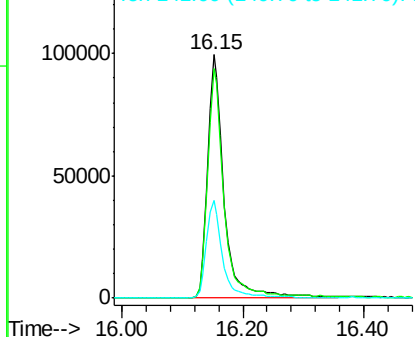


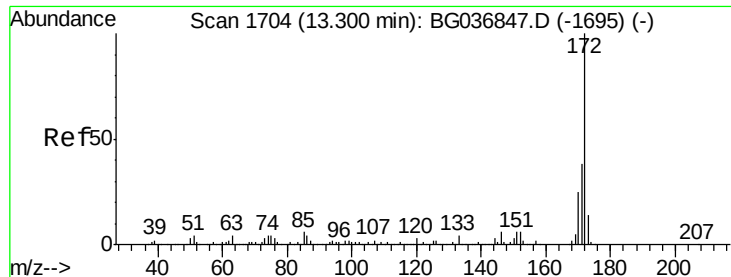
#41
2,4,6-Tribromophenol
Concen: 118.295 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BG037119.D
Acq: 3 Oct 2018 00:28

Tgt Ion:330 Resp: 189749
Ion Ratio Lower Upper
330 100
332 95.1 75.4 113.2
141 39.4 30.7 46.1



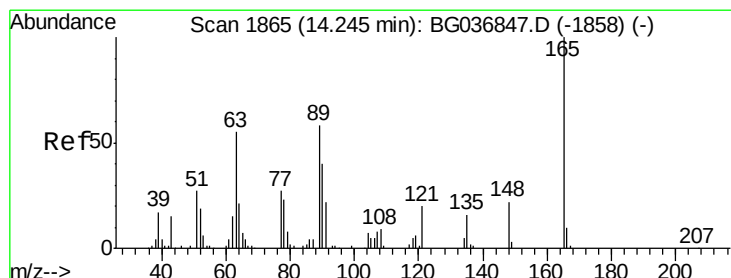
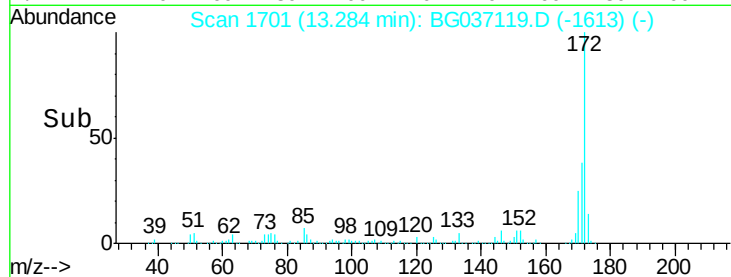
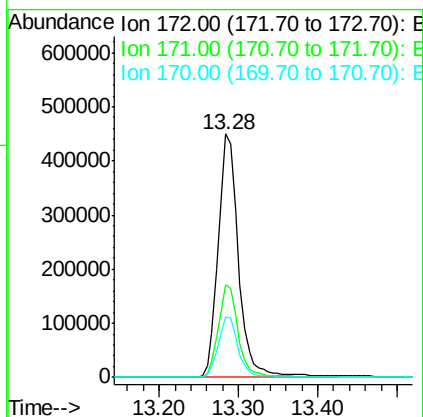
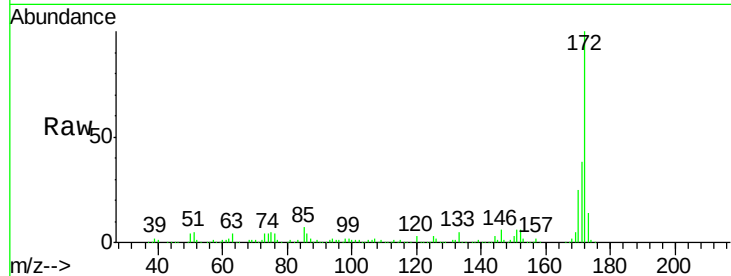
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





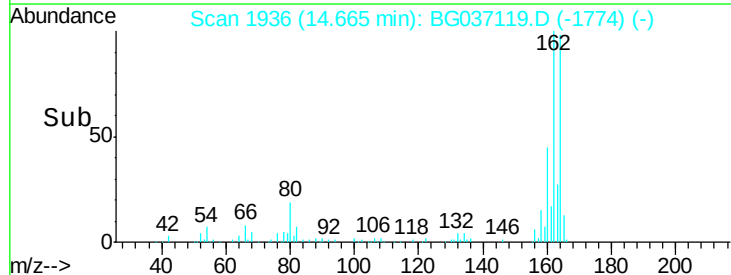
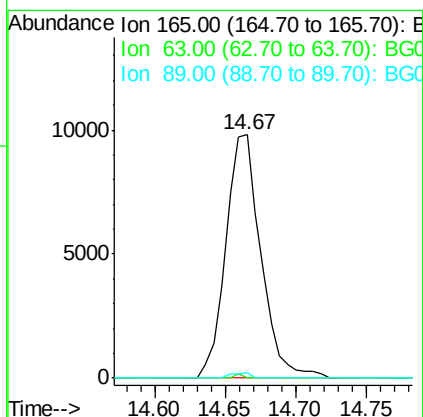
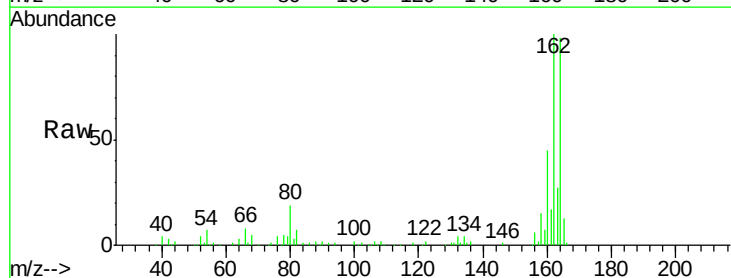
#44
 2-Fluorobiphenyl
 Concen: 89.679 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

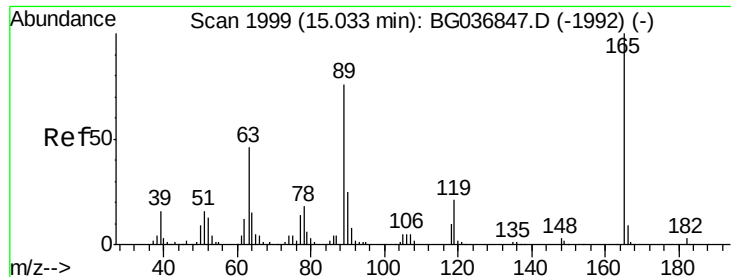
Tgt Ion:	172	Resp:	807239
Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.6	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.215 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

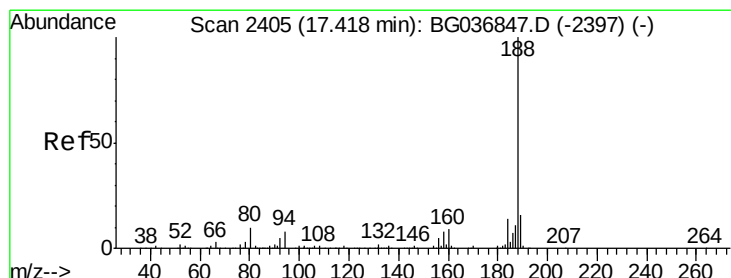
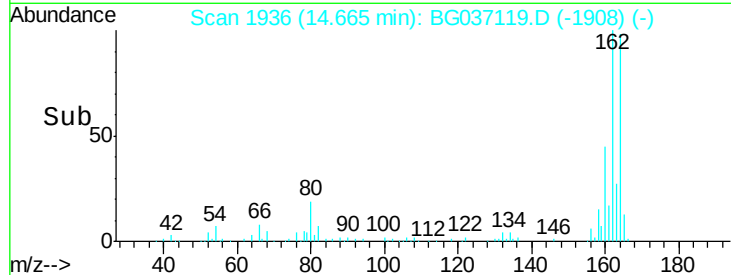
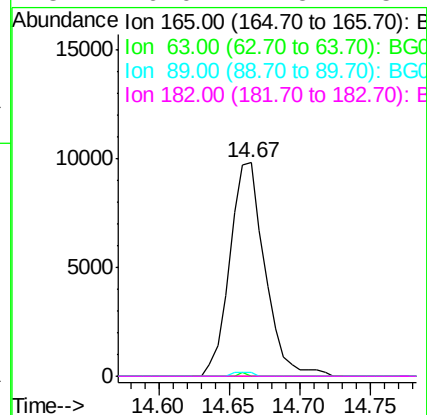
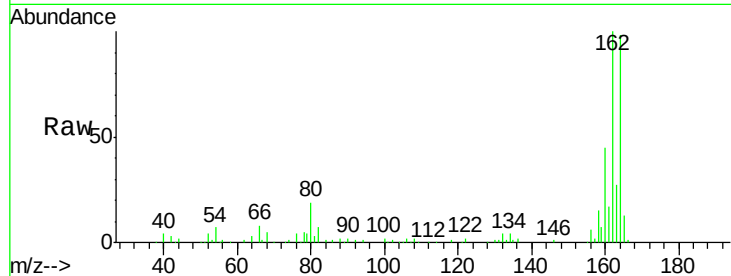
Tgt Ion:	165	Resp:	16988
Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.1	47.8	71.6#





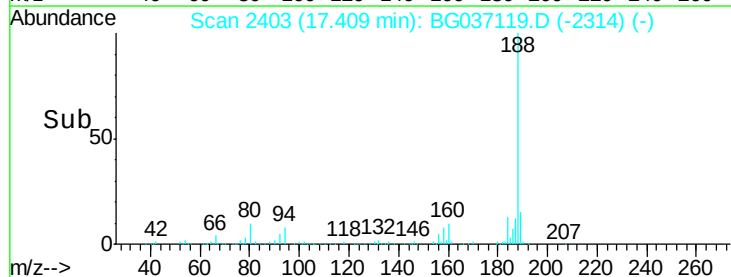
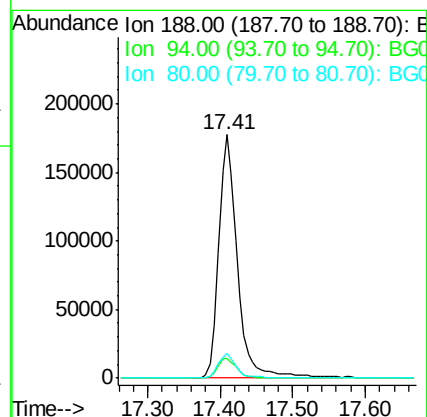
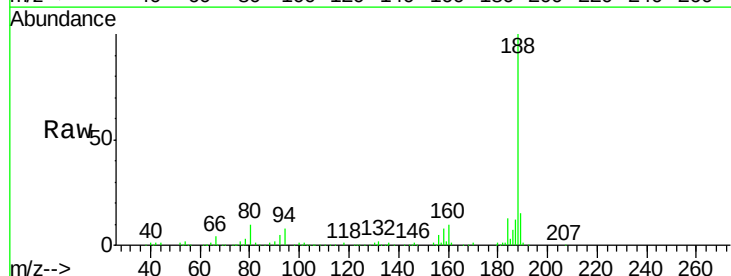
#56
 2,4-Dinitrotoluene
 Concen: 5.171 ng
 RT: 14.67 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

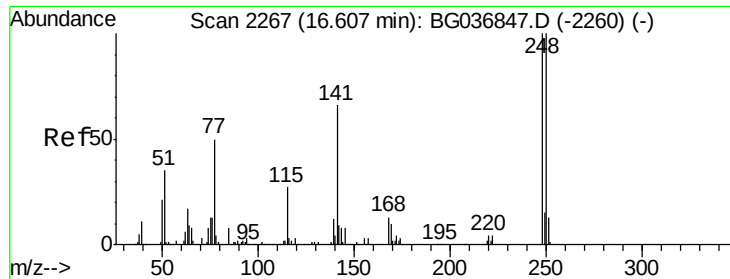
Tgt Ion:	165	Resp:	16988
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

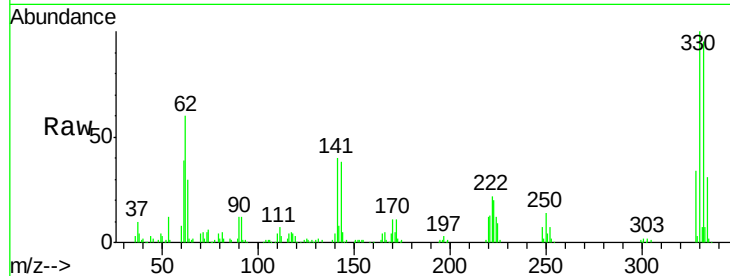
Tgt Ion:	188	Resp:	315475
Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.7	10.1
80	10.0	8.1	12.1



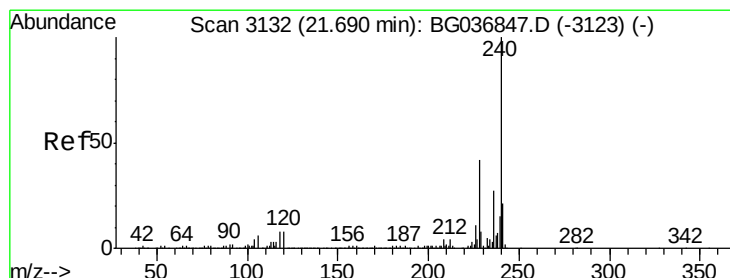
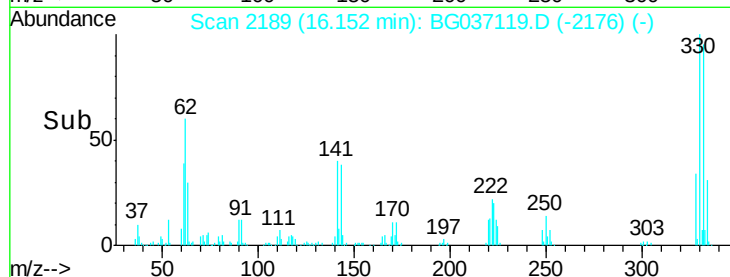
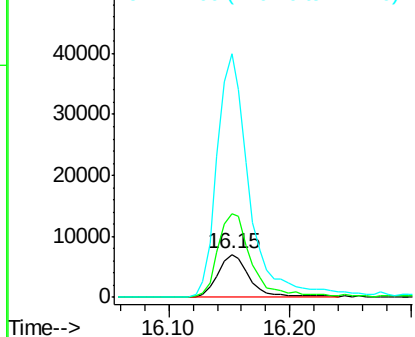


#66
 4-Bromophenyl-phenylether
 Concen: 3.606 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

Tgt Ion:248 Resp: 12939
 Ion Ratio Lower Upper
 248 100
 250 196.1 78.1 117.1#
 141 567.5 53.7 80.5#

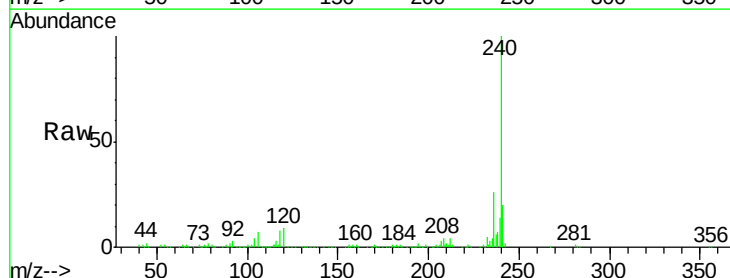


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

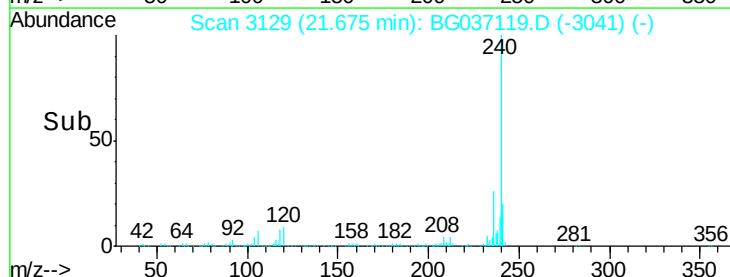
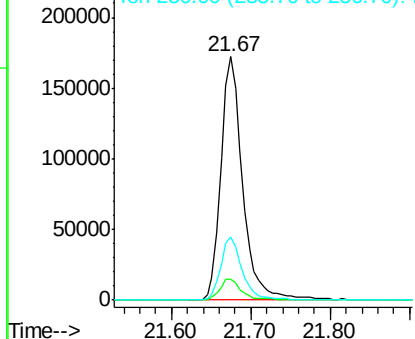


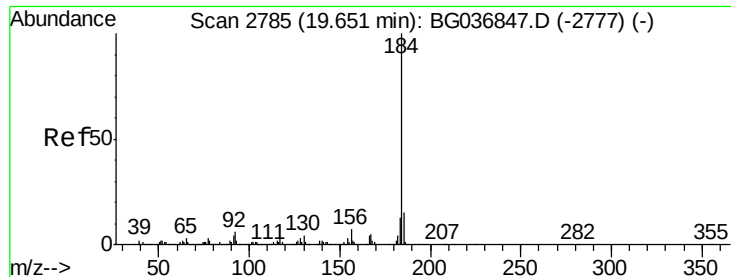
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037119.D
 Acq: 3 Oct 2018 00:28

Tgt Ion:240 Resp: 328379
 Ion Ratio Lower Upper
 240 100
 120 8.8 6.9 10.3
 236 25.7 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: 2.118 ng

RT: 20.02 min Scan# 2847

Delta R.T. 0.37 min

Lab File: BG037119.D

Acq: 3 Oct 2018 00:28

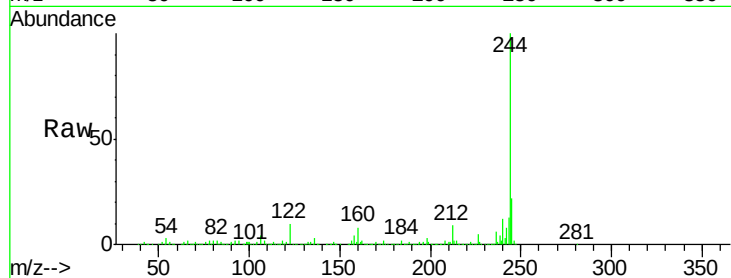
Tgt Ion:184 Resp: 21025

Ion Ratio Lower Upper

184 100

185 13.0 12.6 18.8

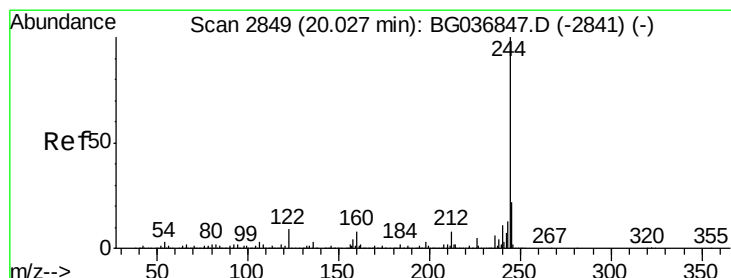
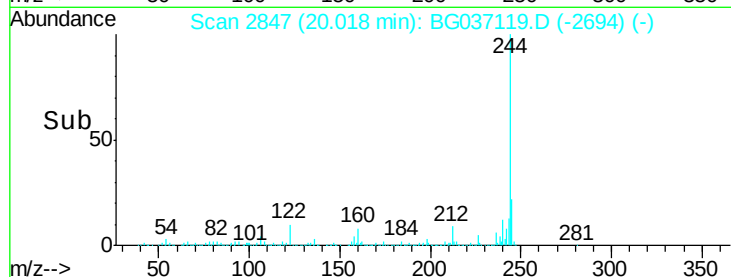
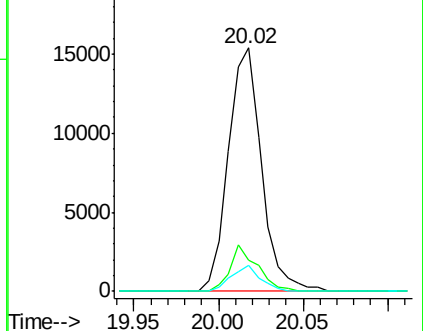
183 10.8 10.9 16.3#



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: 98.636 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037119.D

Acq: 3 Oct 2018 00:28

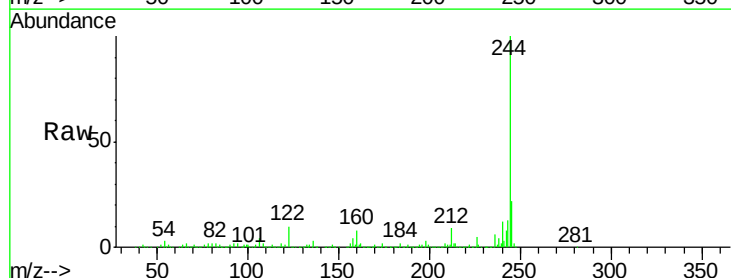
Tgt Ion:244 Resp: 1231797

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

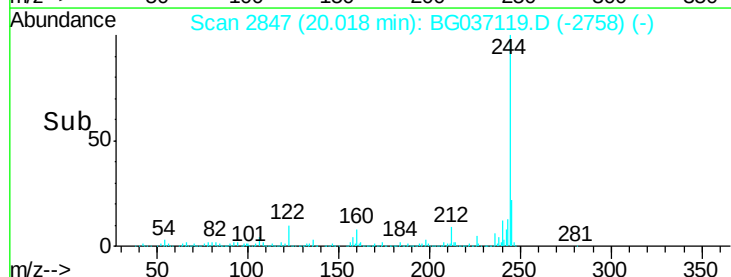
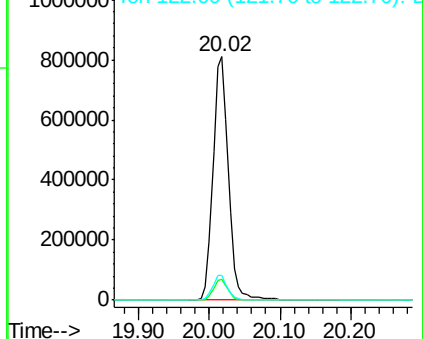
122 10.0 7.1 10.7

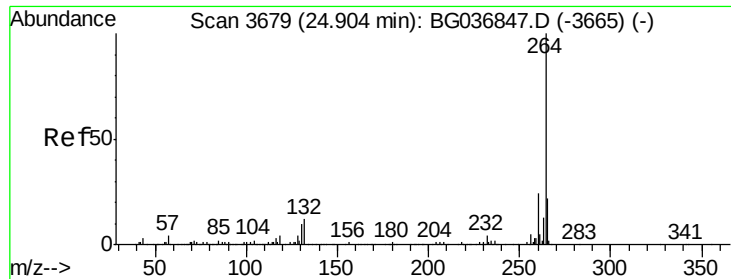


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

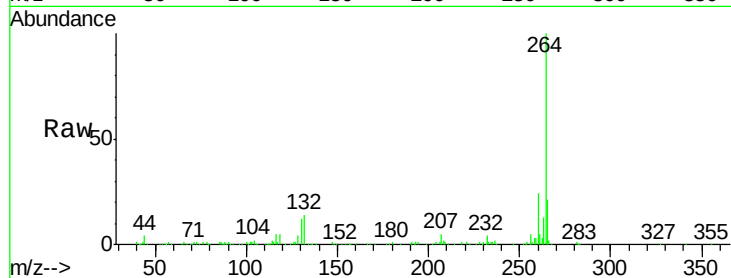
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037119.D
Acq: 3 Oct 2018 00:28

Tgt Ion:	264	Resp:	313713
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.3	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

