

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
 Data File : BG037110.D
 Acq On : 2 Oct 2018 18:38
 Operator : JU/SJ
 Sample : J5191-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

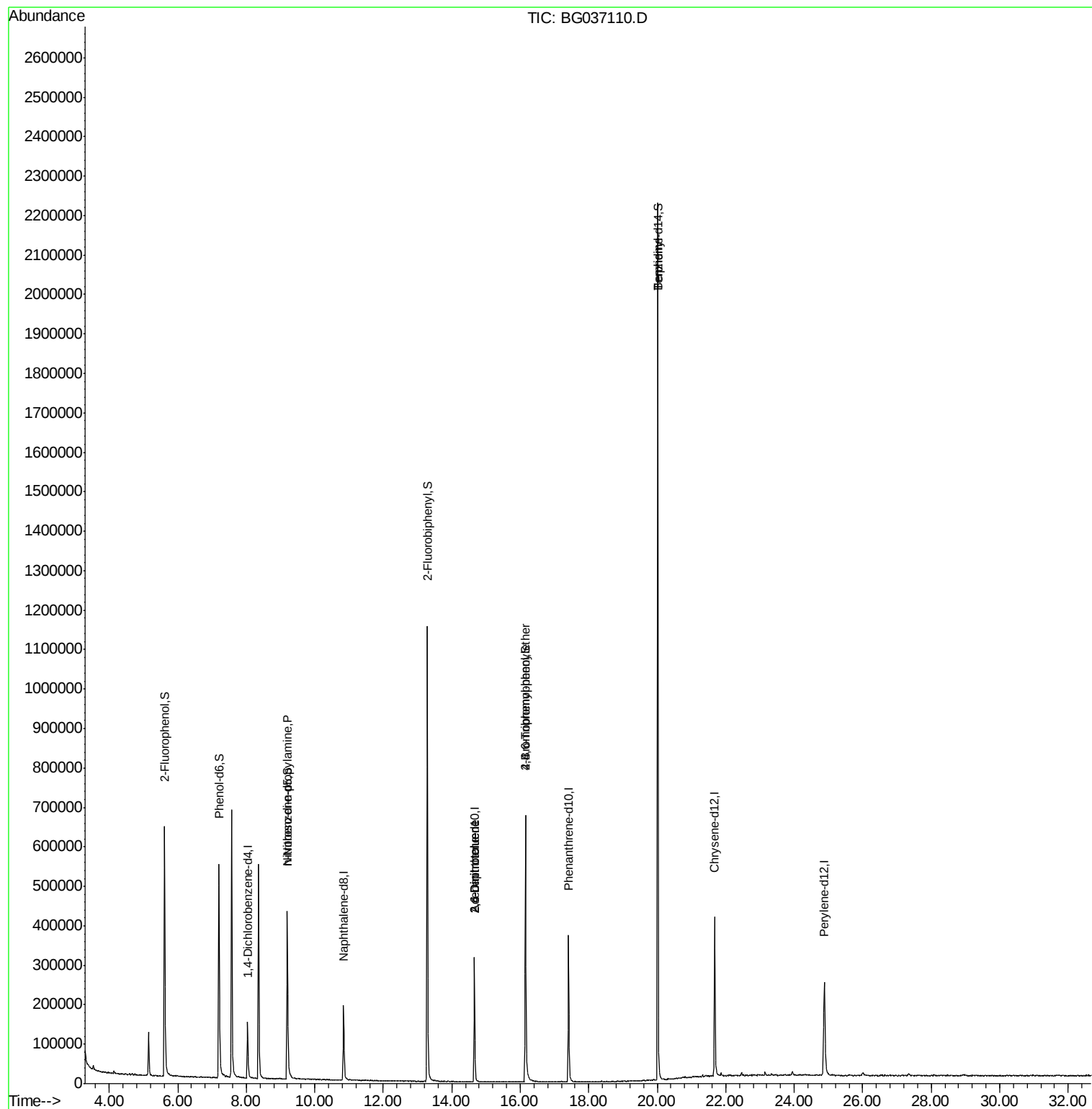
Quant Time: Oct 03 01:56:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

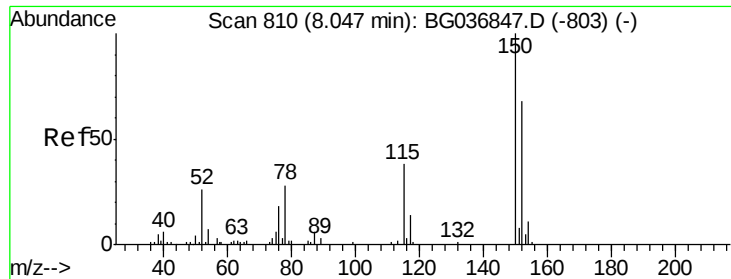
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47622	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	194937	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	116527	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	276788	20.00	ng	0.00
75) Chrysene-d12	21.67	240	288632	20.00	ng	-0.02
86) Perylene-d12	24.88	264	275612	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	303628	122.27	ng	0.00
7) Phenol-d6	7.20	99	364455	94.86	ng	-0.01
23) Nitrobenzene-d5	9.20	82	317497	87.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	149613	107.31	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	666169	85.15	ng	-0.01
78) Terphenyl-d14	20.02	244	1073915	97.84	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	43395	13.578	ng	# 67
50) 2,6-Dinitrotoluene	14.67	165	14883	7.273	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	14883	5.212	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	10503	3.336	ng	# 1
76) Benzidine	20.02	184	17919	2.054	ng	# 91

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

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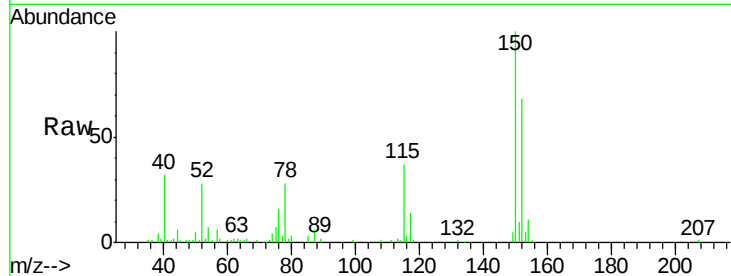




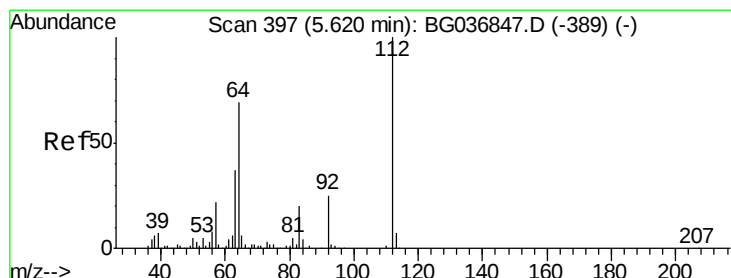
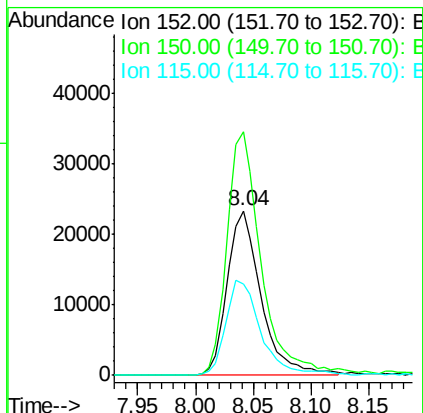
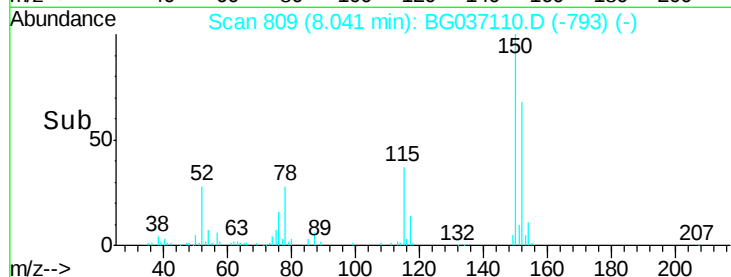
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.0	119.5	179.3
115	55.2	44.5	66.7



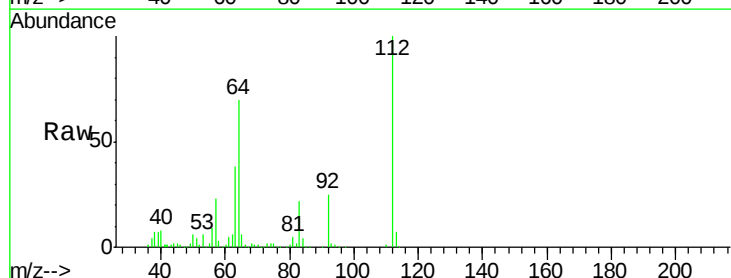
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



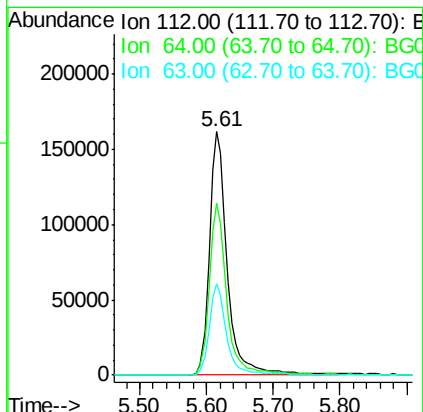
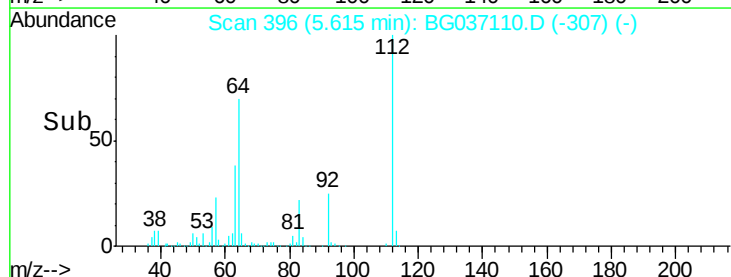
#5

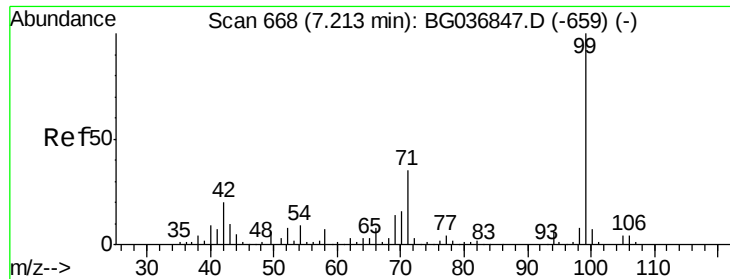
2-Fluorophenol
Concen: 122.274 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	37.7	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: 94.863 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037110.D

Acq: 2 Oct 2018 18:38

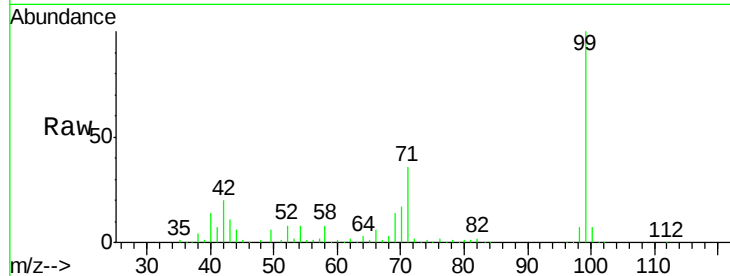
Tgt Ion: 99 Resp: 364455

Ion Ratio Lower Upper

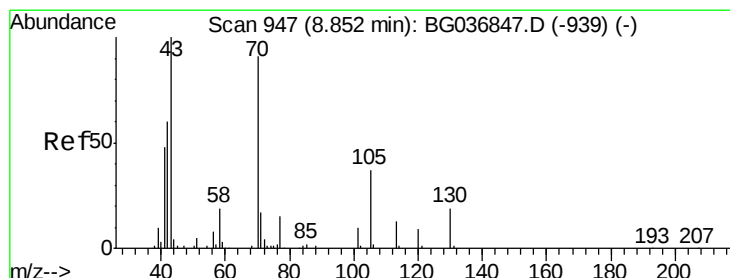
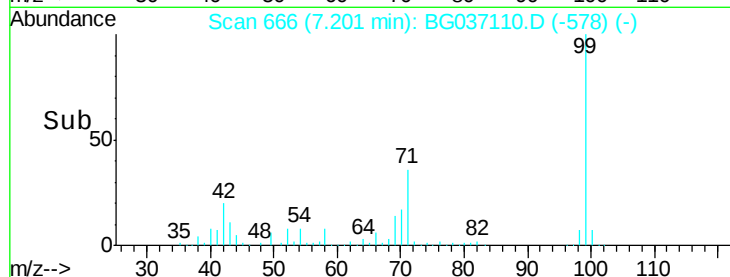
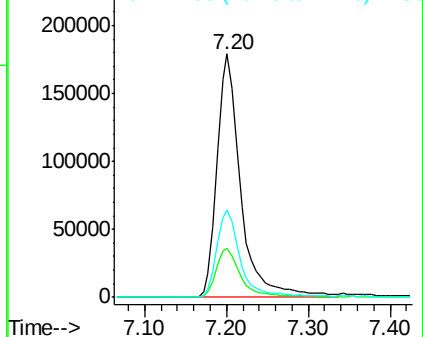
99 100

42 20.4 16.5 24.7

71 35.7 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: 13.578 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037110.D

Acq: 2 Oct 2018 18:38

Tgt Ion: 70 Resp: 43395

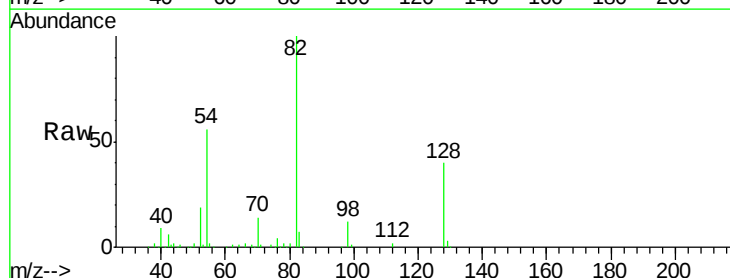
Ion Ratio Lower Upper

70 100

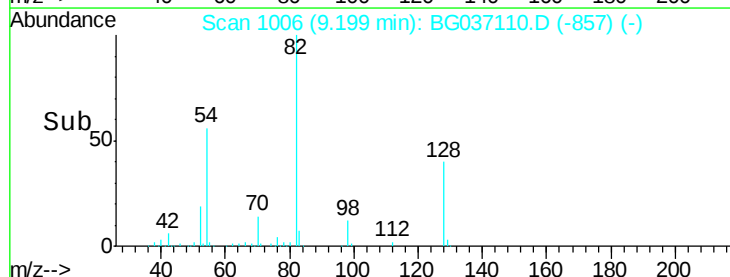
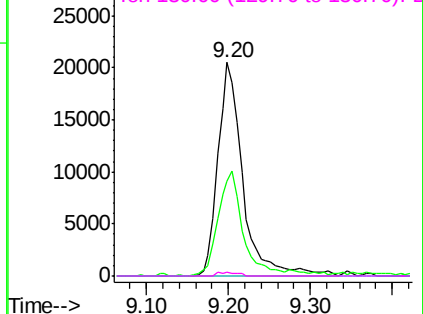
42 44.5 56.2 84.4#

101 0.0 7.8 11.6#

130 1.6 16.2 24.2#



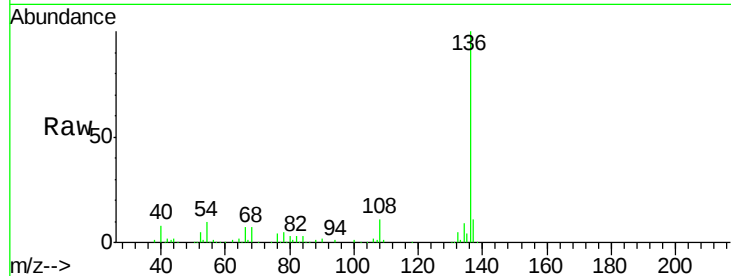
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



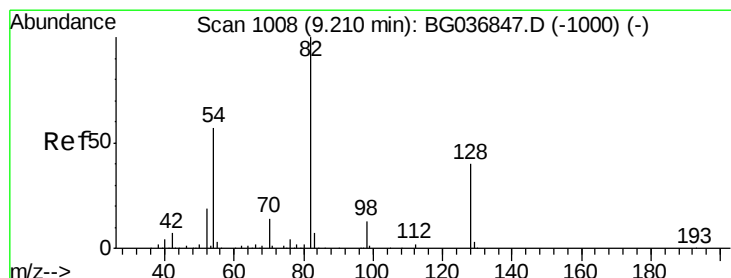
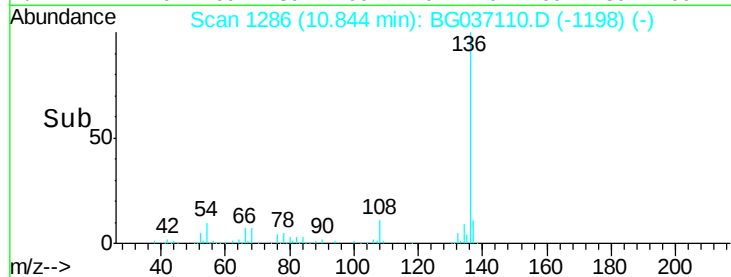
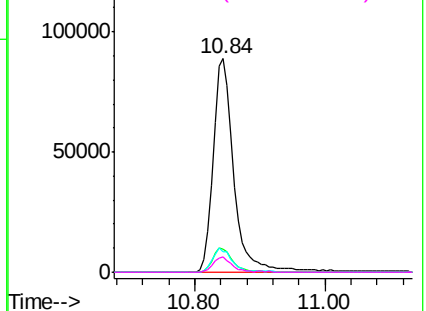


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:	136	Resp:	194937
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.9	9.2	13.8
68	7.0	5.8	8.6

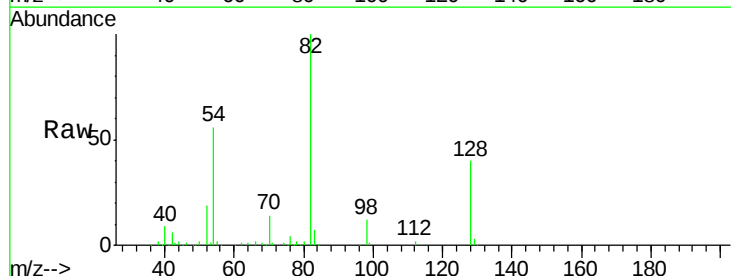


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

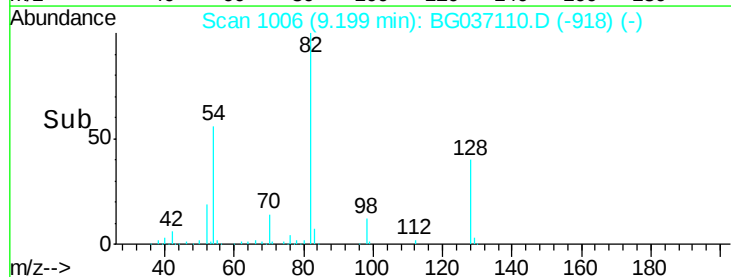
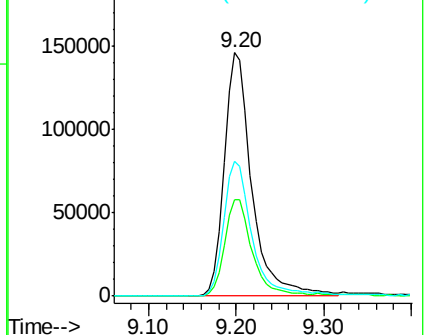


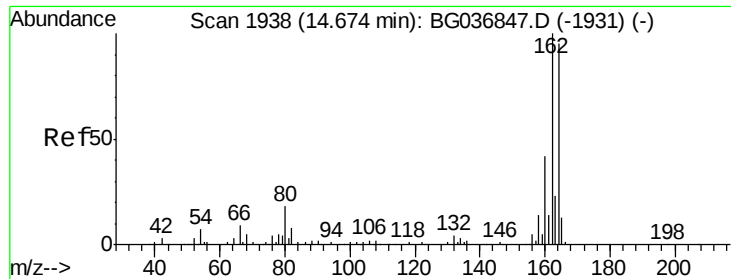
#23
Nitrobenzene-d5
Concen: 87.219 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:	82	Resp:	317497
Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.3	49.9
54	55.6	45.1	67.7



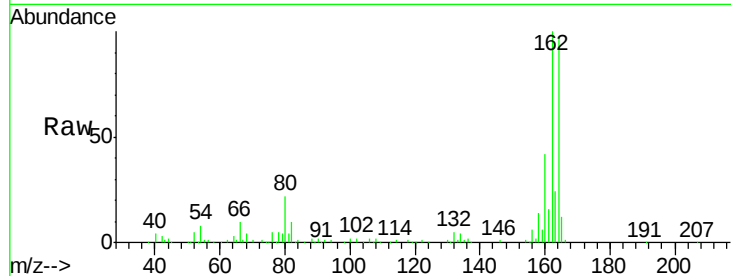
Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



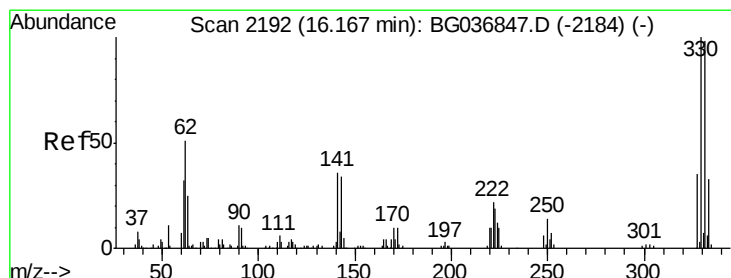
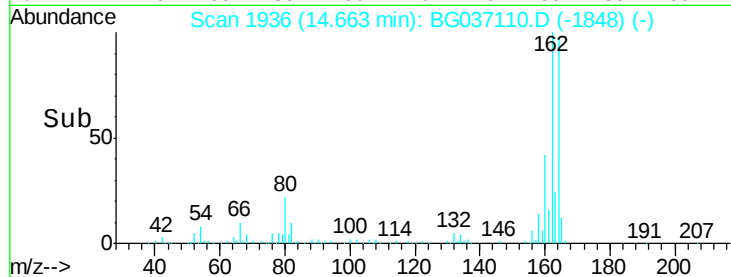
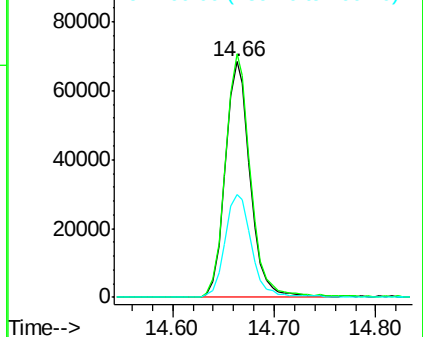


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:164 Resp: 116527
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 43.8 35.3 52.9

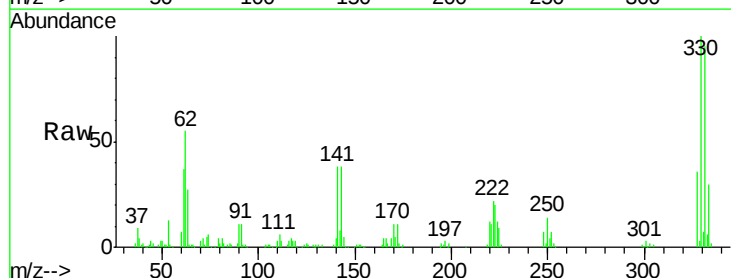


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

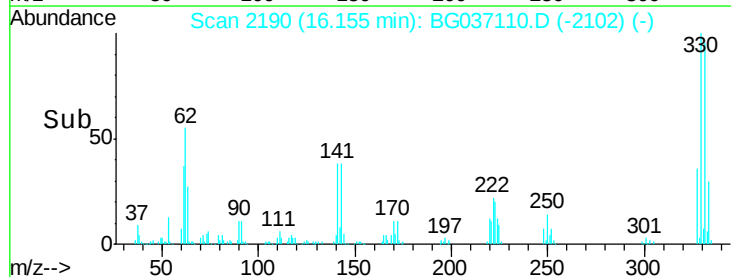
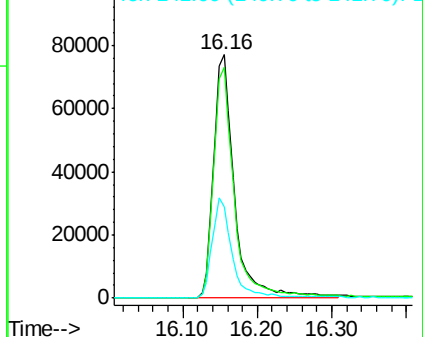


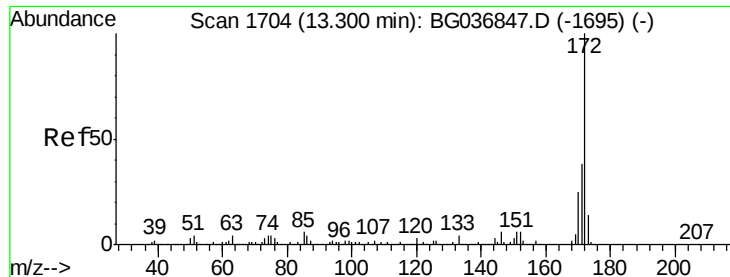
#41
2,4,6-Tribromophenol
Concen: 107.313 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:330 Resp: 149613
Ion Ratio Lower Upper
330 100
332 95.1 75.4 113.2
141 39.8 30.7 46.1



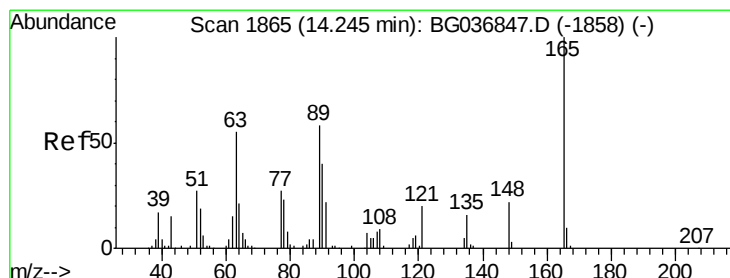
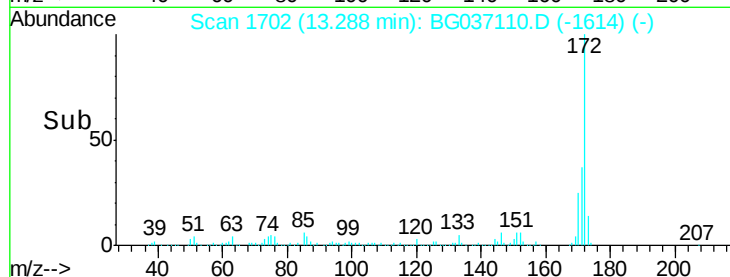
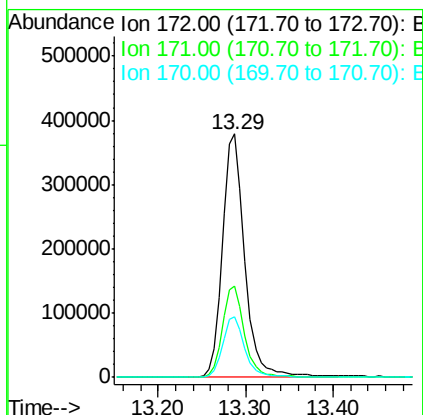
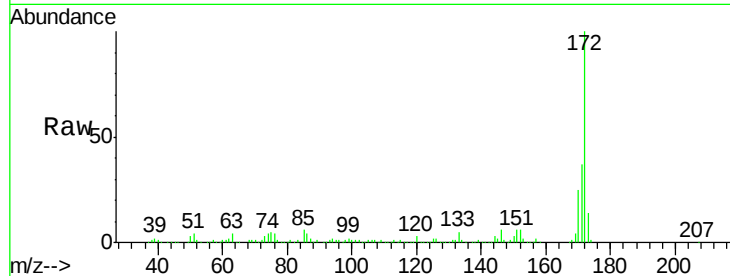
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





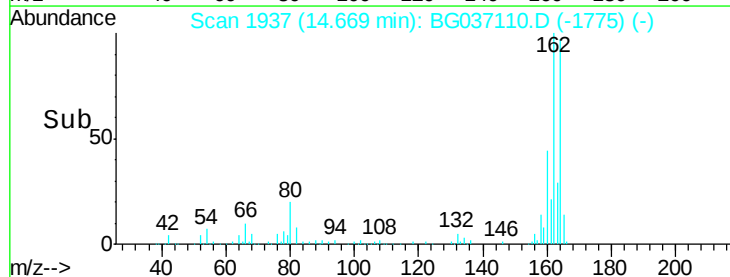
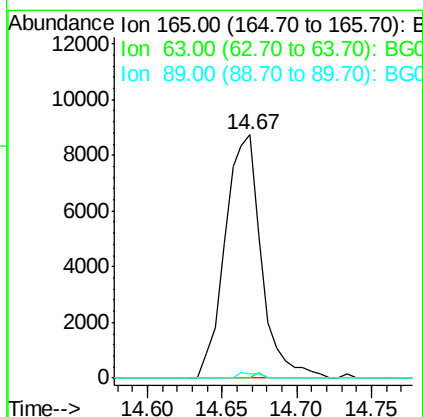
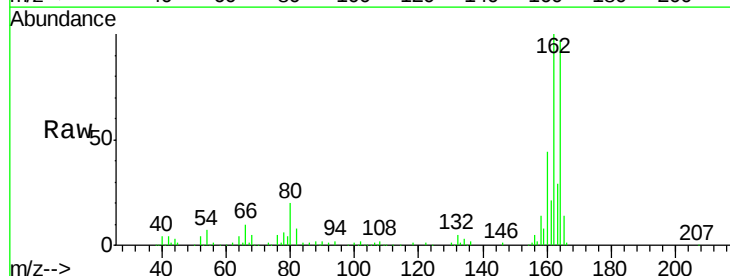
#44
 2-Fluorobiphenyl
 Concen: 85.146 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

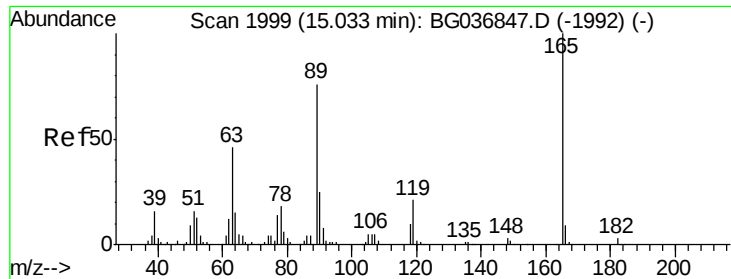
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.3	46.9
170	24.7	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.273 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

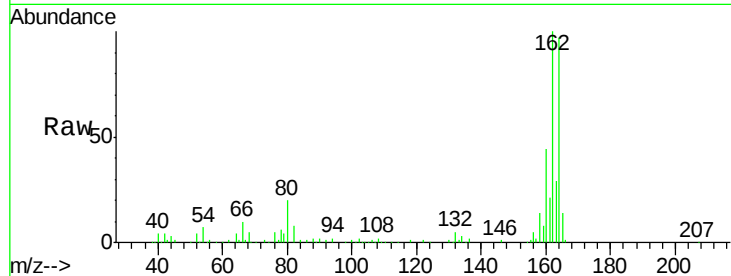
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	1.8	47.8	71.6#





#56
 2,4-Dinitrotoluene
 Concen: 5.212 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.36 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#

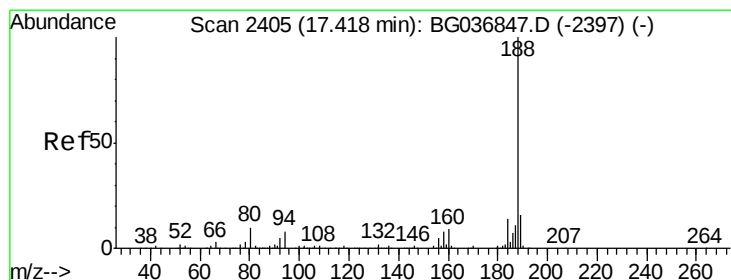
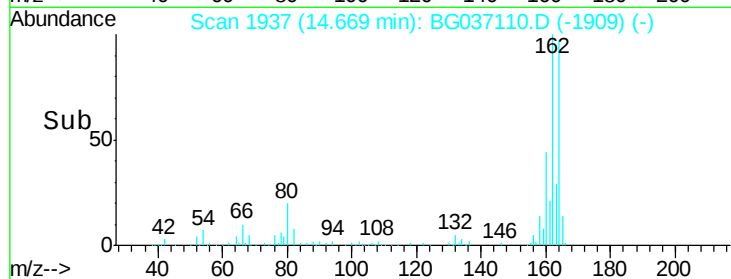
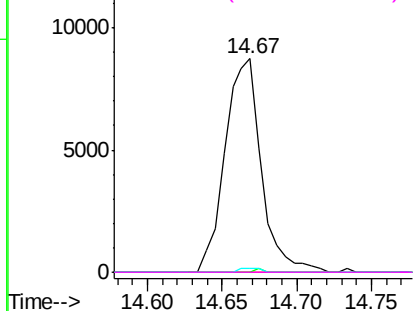


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

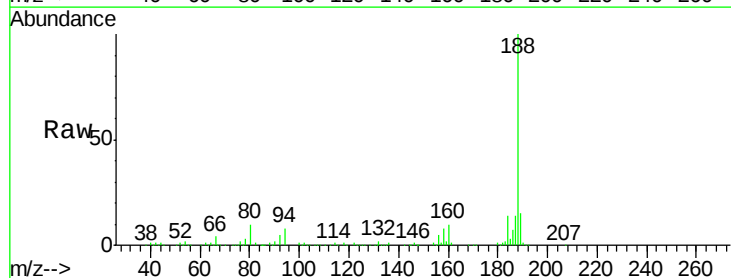
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG037110.D
 Acq: 2 Oct 2018 18:38

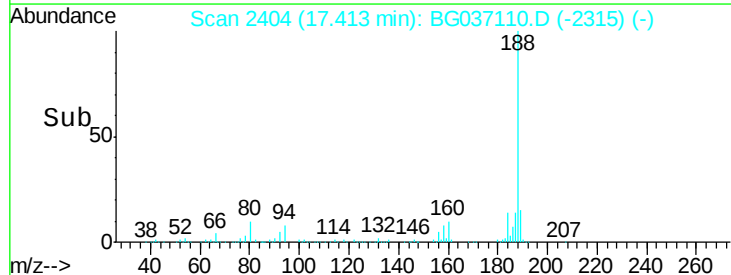
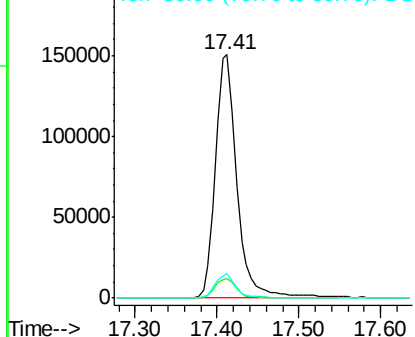
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	10.0	8.1	12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

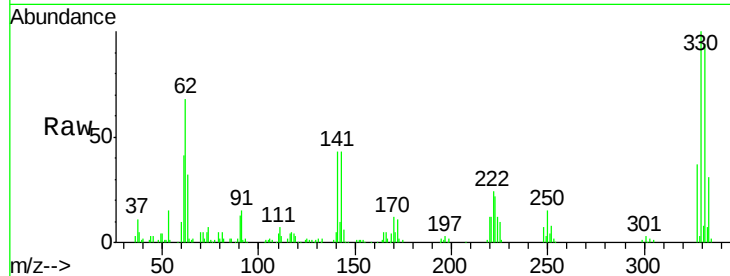
Ion 80.00 (79.70 to 80.70): BGC



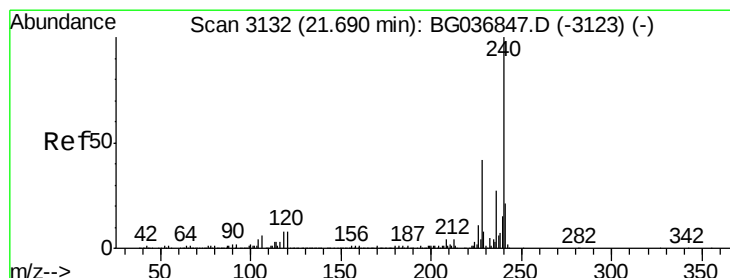
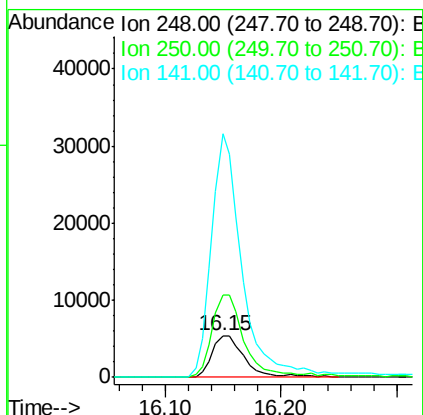
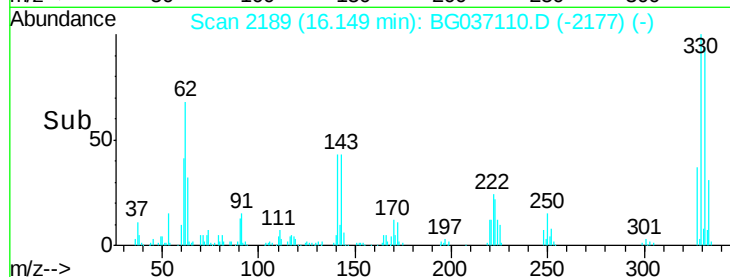


#66
4-Bromophenyl-phenylether
Concen: 3.336 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:248 Resp: 10503
Ion Ratio Lower Upper
248 100
250 197.7 78.1 117.1#
141 580.6 53.7 80.5#

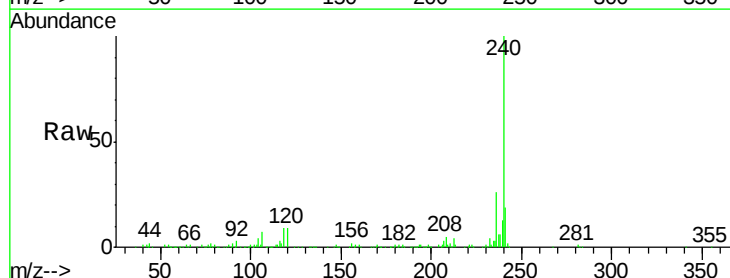


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

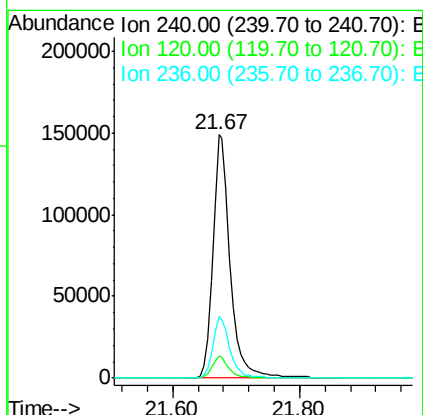
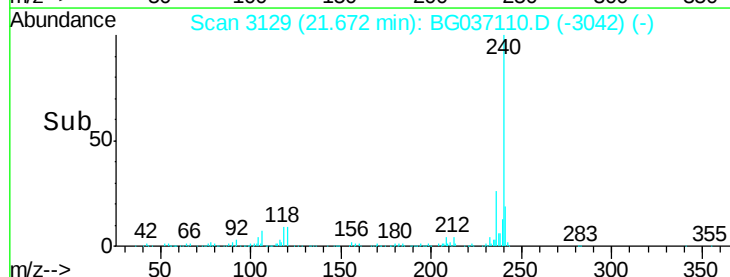


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:240 Resp: 288632
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 25.6 21.2 31.8



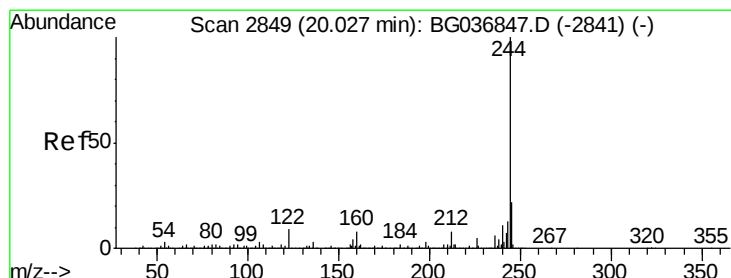
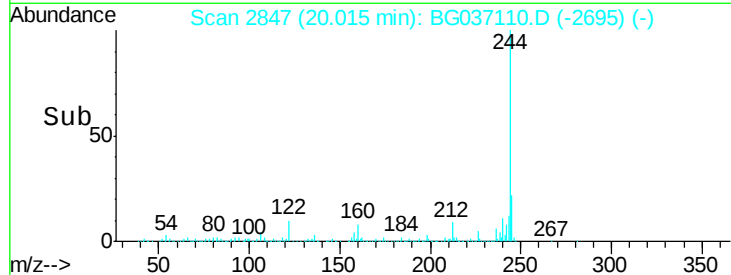
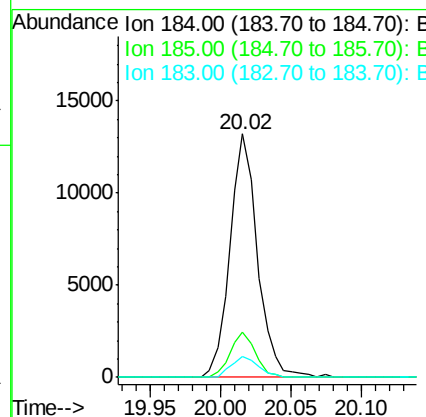
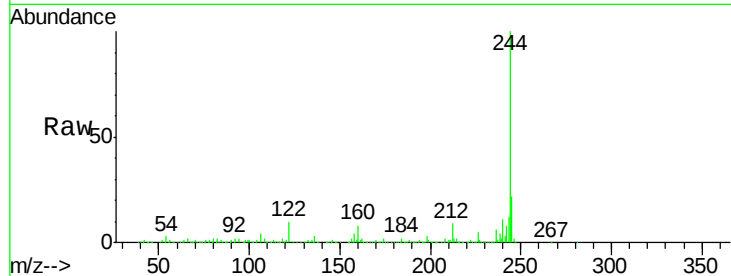
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





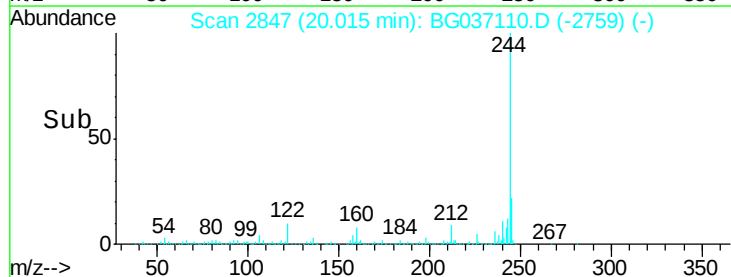
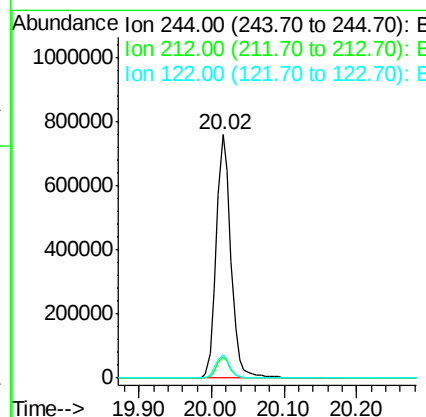
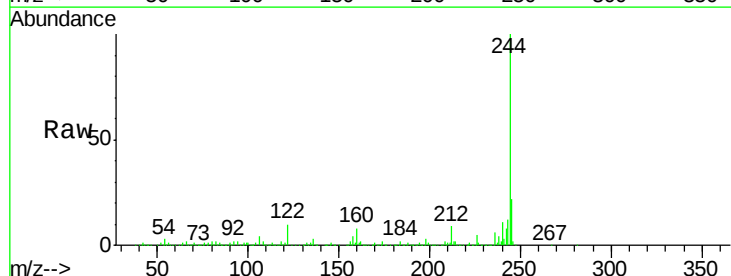
#76
Benzidine
Concen: 2.054 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.36 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

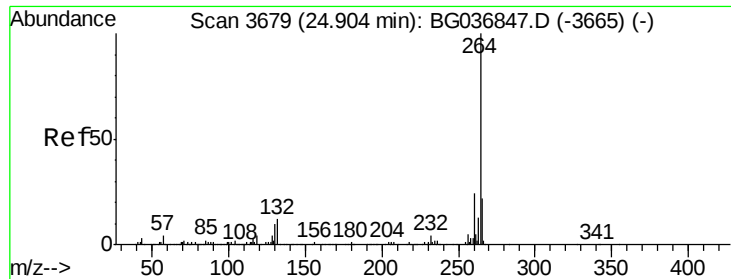
Tgt Ion:184 Resp: 17919
Ion Ratio Lower Upper
184 100
185 18.5 12.6 18.8
183 8.6 10.9 16.3#



#78
Terphenyl-d14
Concen: 97.836 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:244 Resp: 1073915
Ion Ratio Lower Upper
244 100
212 8.5 7.0 10.6
122 9.7 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG037110.D
Acq: 2 Oct 2018 18:38

Tgt Ion:	264	Resp:	275612
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.6	29.4
265	21.0	17.4	26.0

