

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
 Data File : BG037117.D
 Acq On : 2 Oct 2018 23:10
 Operator : JU/SJ
 Sample : J5187-20
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

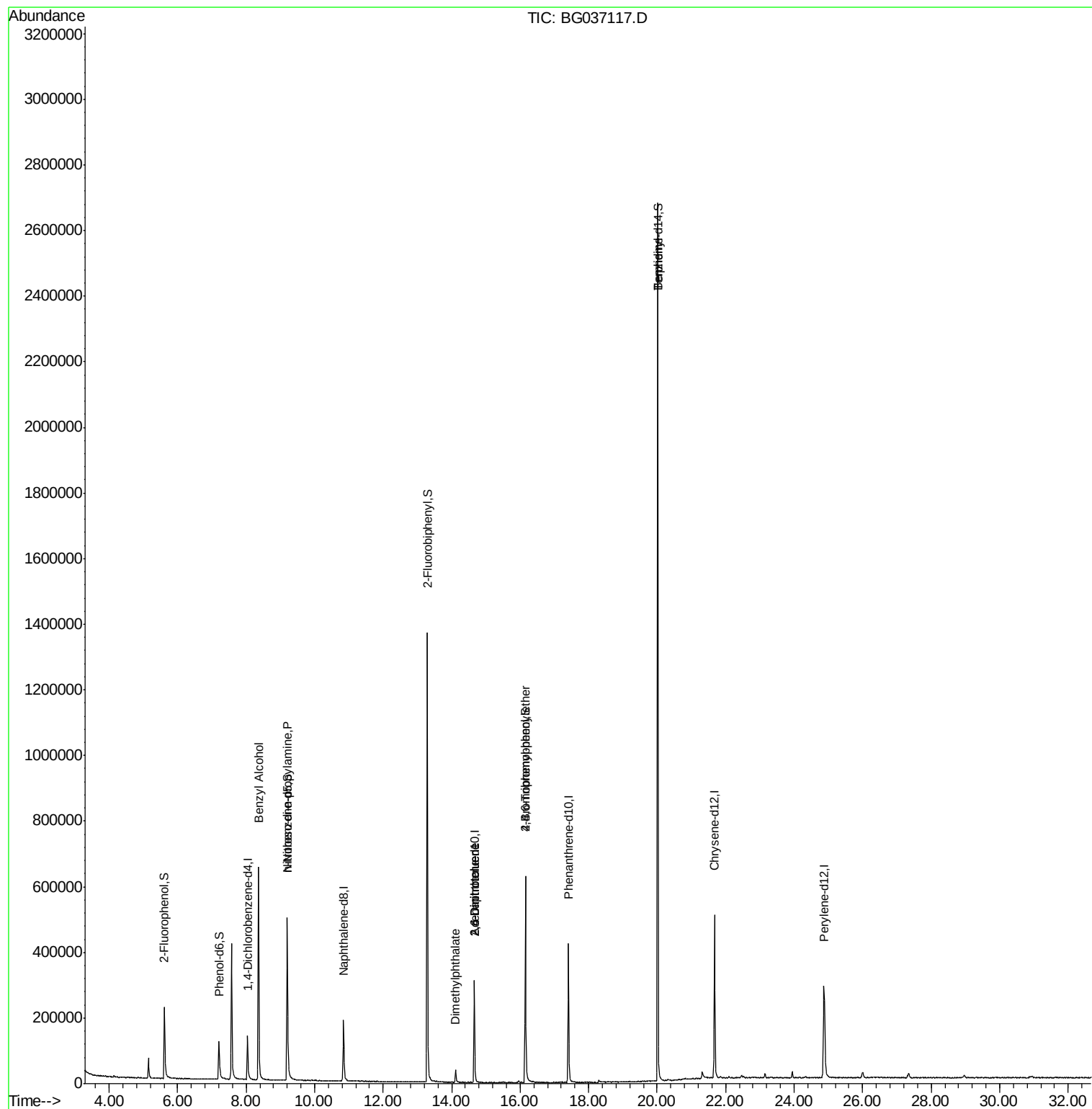
Quant Time: Oct 03 01:58:11 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

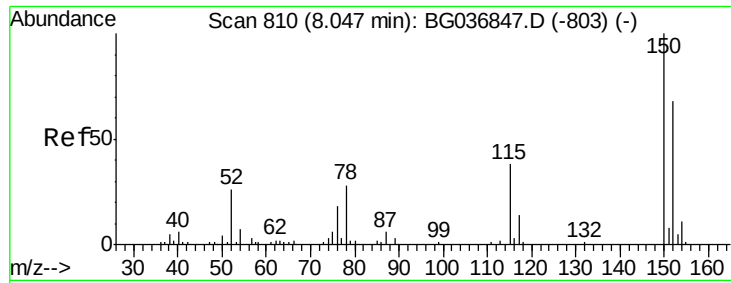
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	47337	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	193843	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	120591	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	305301	20.00	ng	0.00
75) Chrysene-d12	21.68	240	324344	20.00	ng	-0.01
86) Perylene-d12	24.87	264	318142	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	117023	47.41	ng	0.00
7) Phenol-d6	7.20	99	94771	24.82	ng	0.00
23) Nitrobenzene-d5	9.20	82	371324	102.58	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	127039	88.05	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	787240	97.23	ng	-0.01
78) Terphenyl-d14	20.02	244	1314365	106.56	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.36	79	6303	2.034	ng	# 50
19) n-Nitroso-di-n-propylamine	9.20	70	48332	15.214	ng	# 72
49) Dimethylphthalate	14.11	163	31764	3.272	ng	# 97
50) 2,6-Dinitrotoluene	14.66	165	15279	7.214	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	15279	5.170	ng	# 19
66) 4-Bromophenyl-phenylether	16.15	248	8767	2.525	ng	# 1
76) Benizidine	20.02	184	23293	2.376	ng	# 94

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

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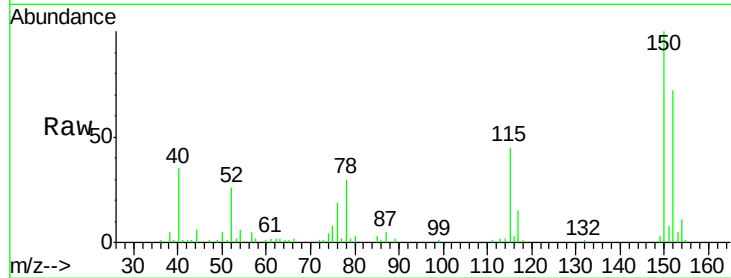
Quant Time: Oct 03 01:58:11 2018
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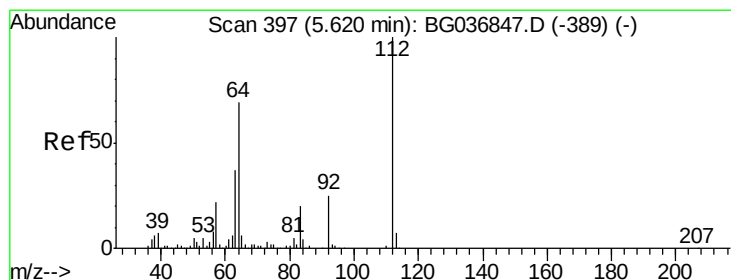
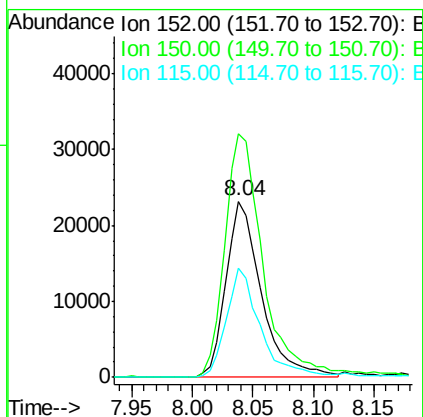
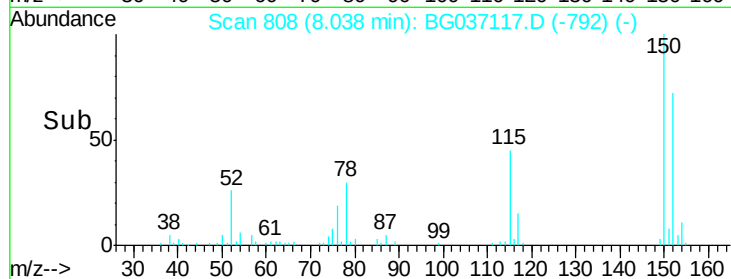


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BG037117.D
 Acq: 2 Oct 2018 23:10

Tgt Ion:152 Resp: 47337
 Ion Ratio Lower Upper
 152 100
 150 138.4 119.5 179.3
 115 62.3 44.5 66.7

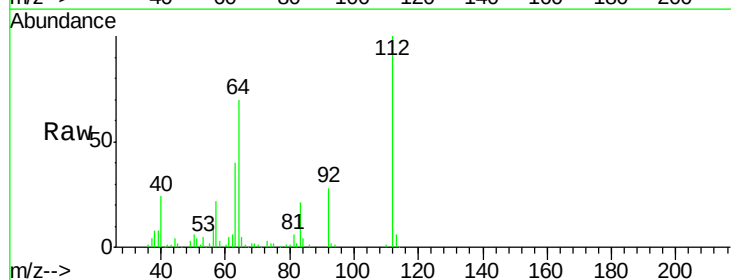


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

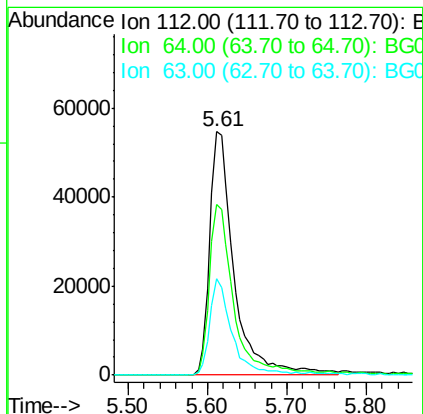
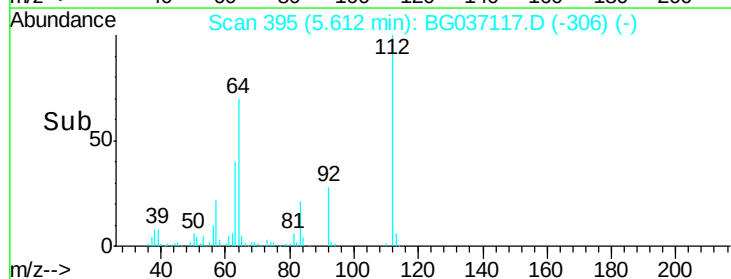


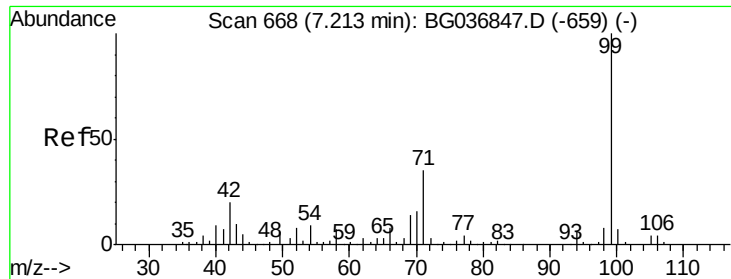
#5
 2-Fluorophenol
 Concen: 47.410 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG037117.D
 Acq: 2 Oct 2018 23:10

Tgt Ion:112 Resp: 117023
 Ion Ratio Lower Upper
 112 100
 64 70.3 57.2 85.8
 63 39.6 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: 24.816 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037117.D

Acq: 2 Oct 2018 23:10

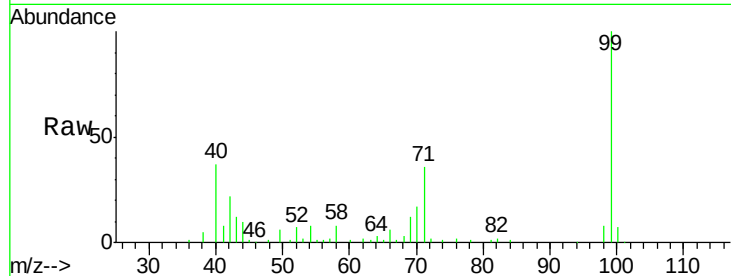
Tgt Ion: 99 Resp: 94771

Ion Ratio Lower Upper

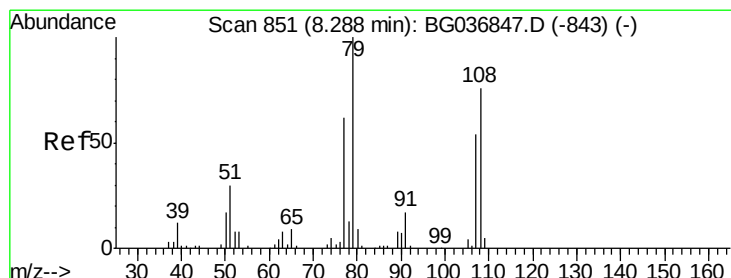
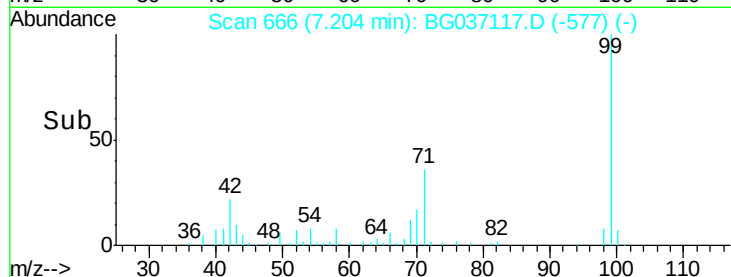
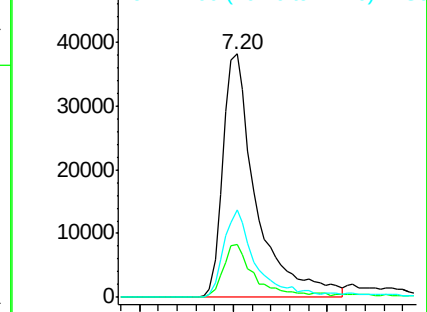
99 100

42 21.5 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



#15

Benzyl Alcohol

Concen: 2.034 ng

RT: 8.36 min Scan# 862

Delta R.T. 0.07 min

Lab File: BG037117.D

Acq: 2 Oct 2018 23:10

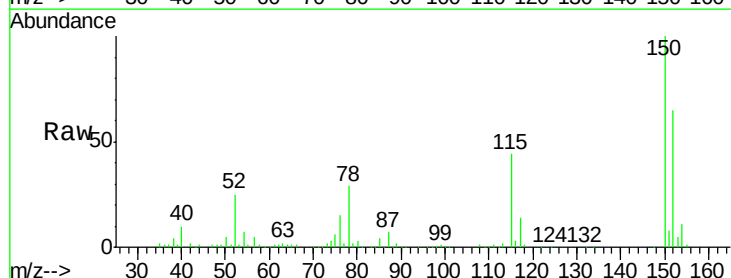
Tgt Ion: 79 Resp: 6303

Ion Ratio Lower Upper

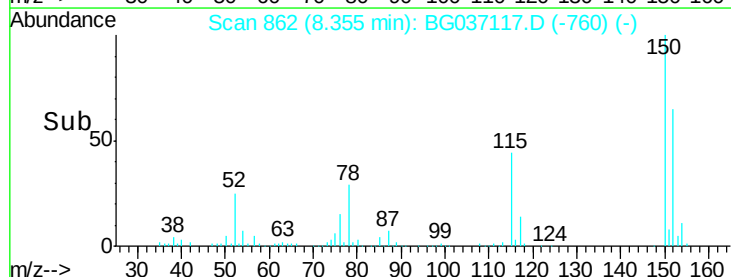
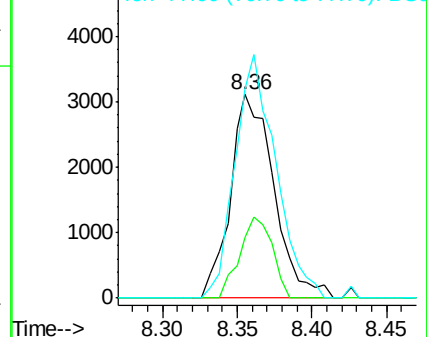
79 100

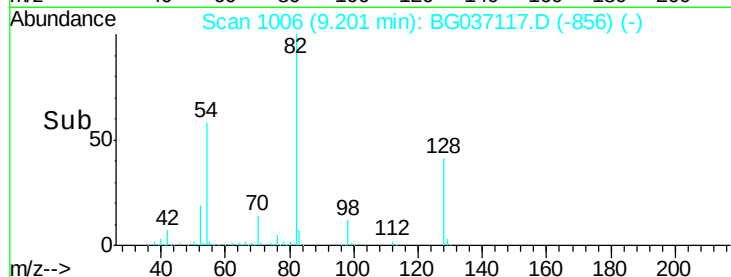
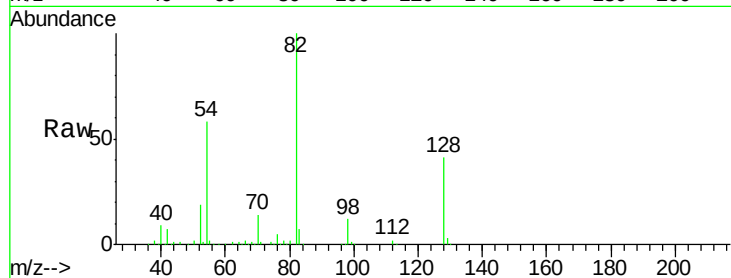
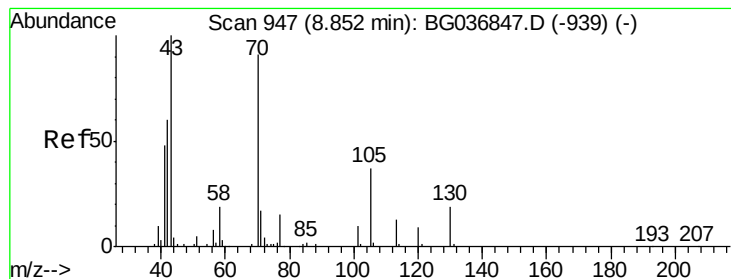
108 30.0 55.9 83.9#

77 102.5 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 15.214 ng

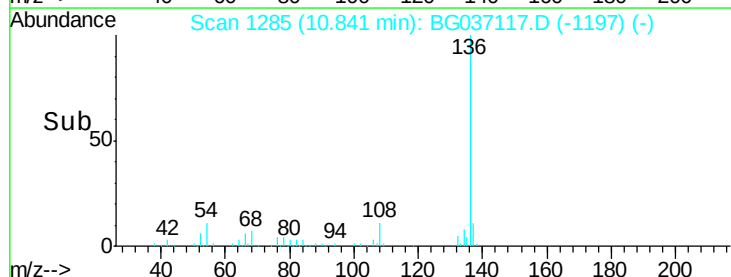
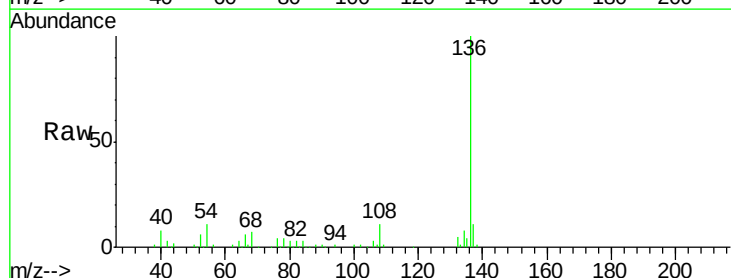
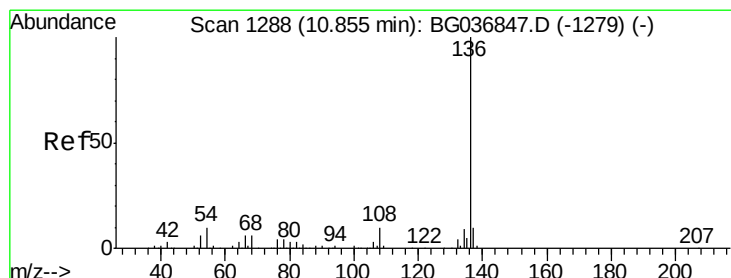
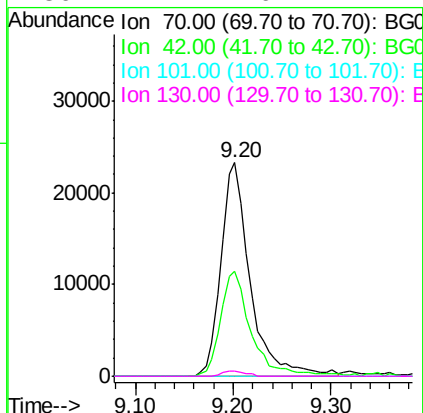
RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037117.D

Acq: 2 Oct 2018 23:10

Tgt Ion:	70	Resp:	48332
Ion	Ratio	Lower	Upper
70	100		
42	49.1	56.2	84.4#
101	0.0	7.8	11.6#
130	2.2	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

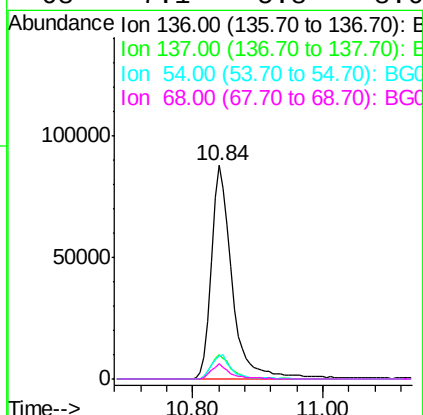
RT: 10.84 min Scan# 1285

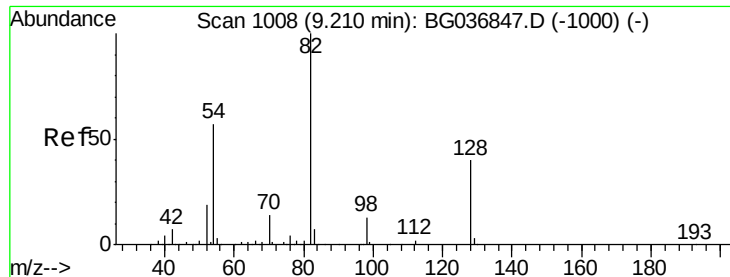
Delta R.T. -0.01 min

Lab File: BG037117.D

Acq: 2 Oct 2018 23:10

Tgt Ion:	136	Resp:	193843
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.6	9.2	13.8
68	7.1	5.8	8.6





#23

Nitrobenzene-d5

Concen: 102.582 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037117.D

Acq: 2 Oct 2018 23:10

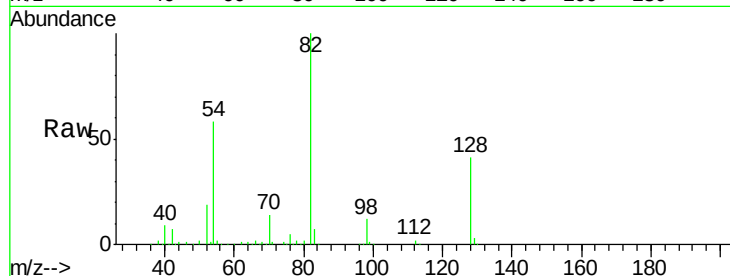
Tgt Ion: 82 Resp: 371324

Ion Ratio Lower Upper

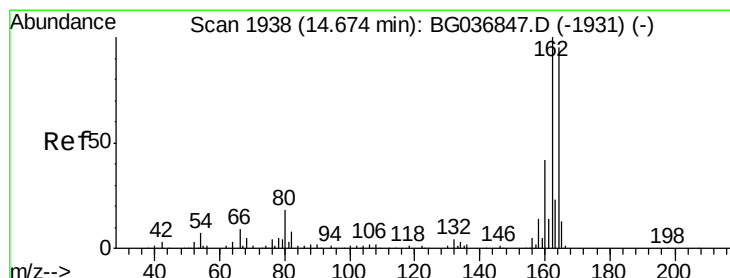
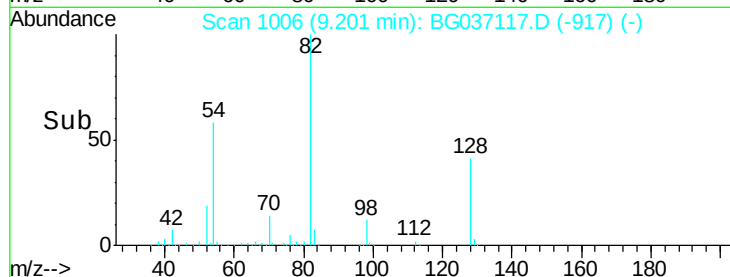
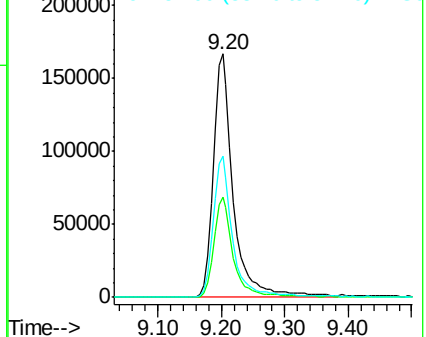
82 100

128 41.2 33.3 49.9

54 57.8 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: BG037117.D

Acq: 2 Oct 2018 23:10

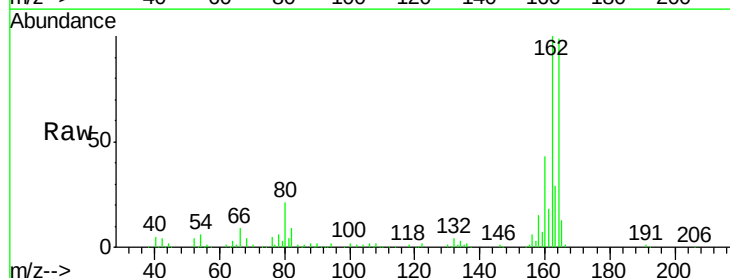
Tgt Ion: 164 Resp: 120591

Ion Ratio Lower Upper

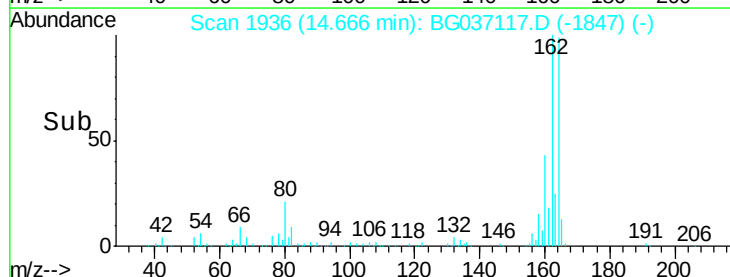
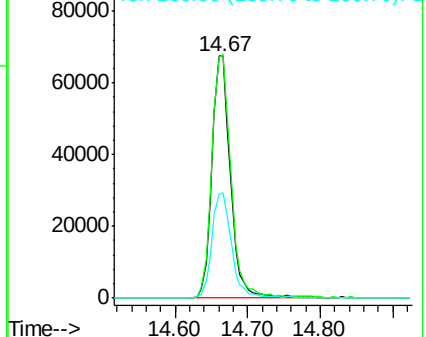
164 100

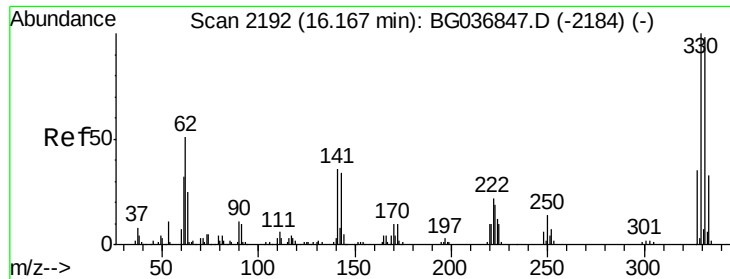
162 100.5 80.7 121.1

160 43.6 35.3 52.9



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





#41

2,4,6-Tribromophenol

Concen: 88.050 ng

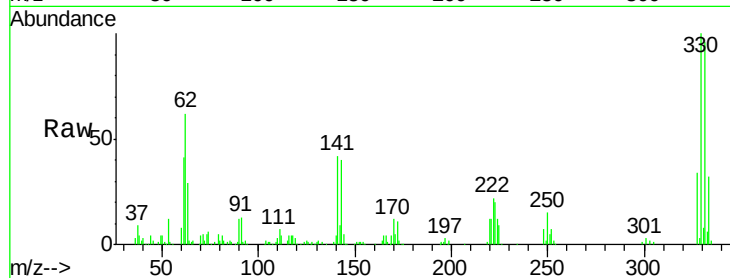
RT: 16.15 min Scan# 2189

Delta R.T. -0.01 min

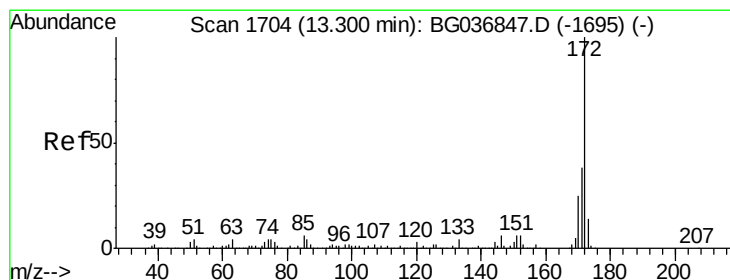
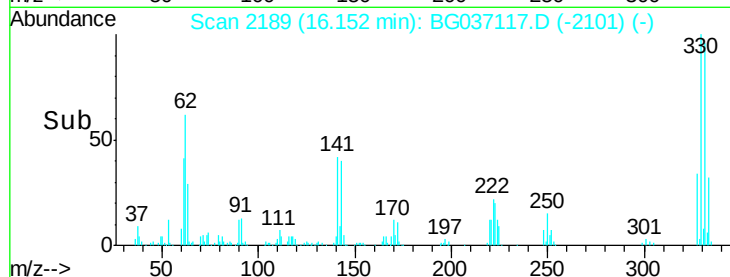
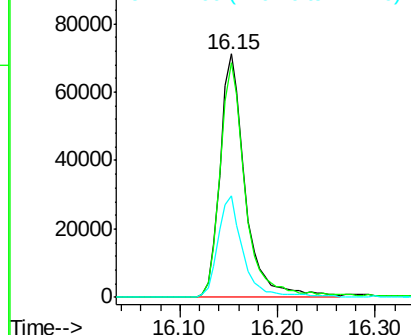
Lab File: BG037117.D

Acq: 2 Oct 2018 23:10

Tgt Ion:	330	Resp:	127039
Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.4	113.2
141	41.9	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: 97.230 ng

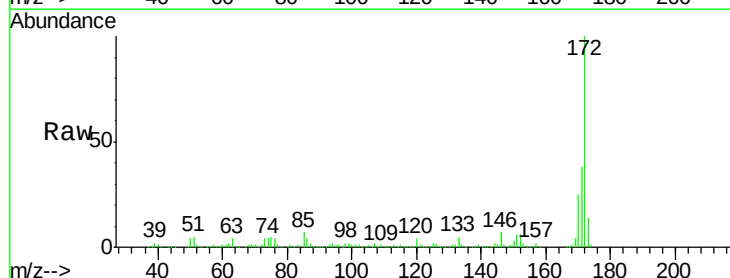
RT: 13.28 min Scan# 1701

Delta R.T. -0.01 min

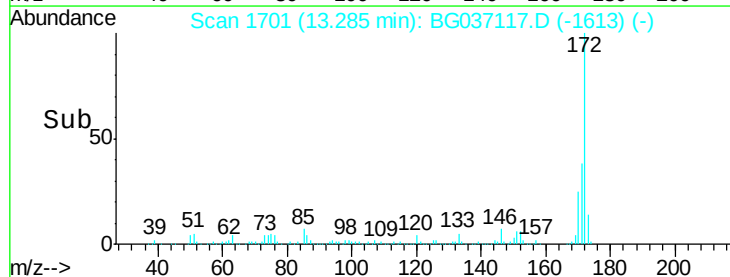
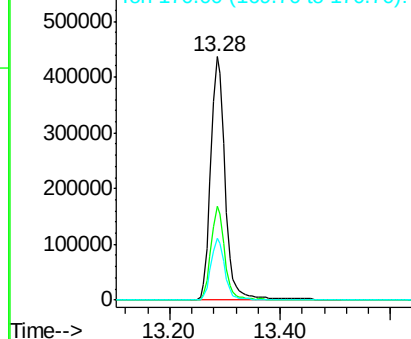
Lab File: BG037117.D

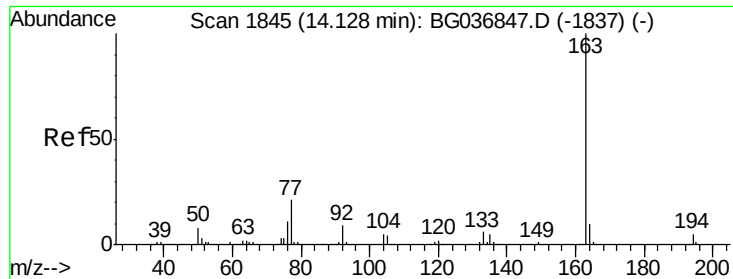
Acq: 2 Oct 2018 23:10

Tgt Ion:	172	Resp:	787240
Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.3	21.0	31.6



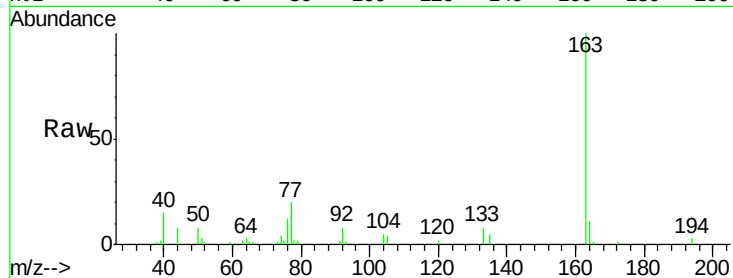
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



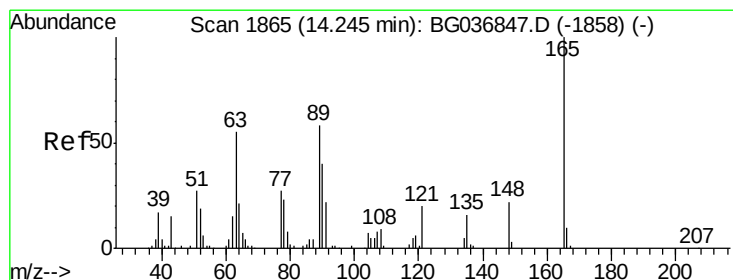
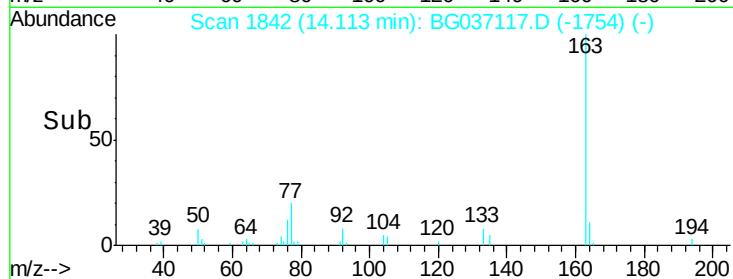
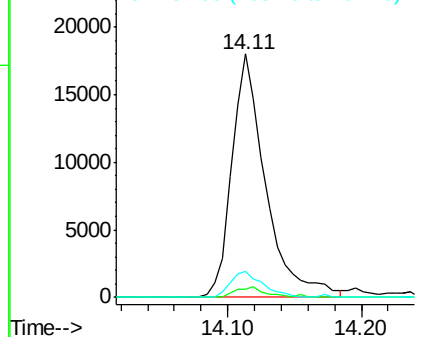


#49
Dimethylphthalate
Concen: 3.272 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG037117.D
Acq: 2 Oct 2018 23:10

Tgt Ion:163 Resp: 31764
Ion Ratio Lower Upper
163 100
194 3.3 4.0 6.0#
164 10.6 8.1 12.1

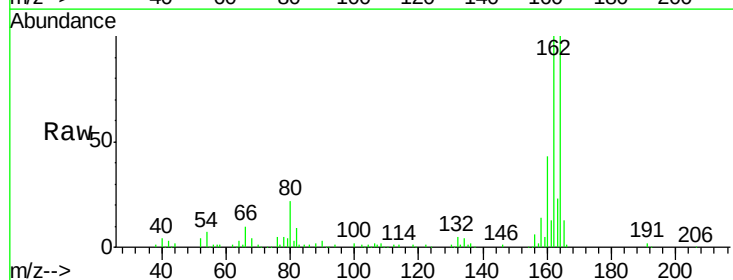


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

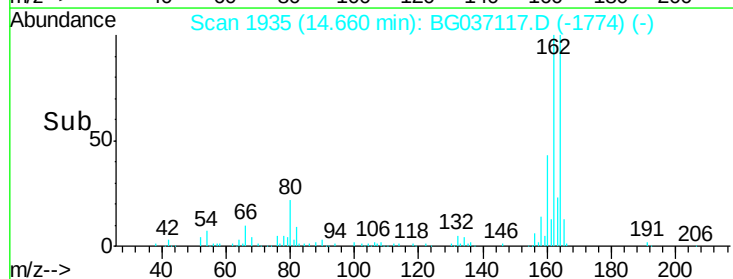
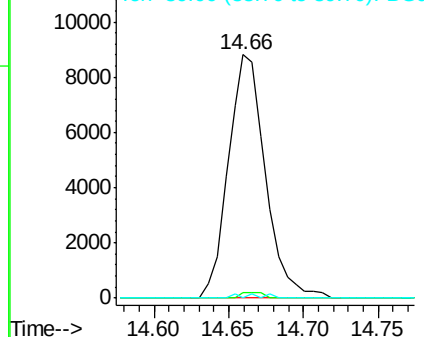


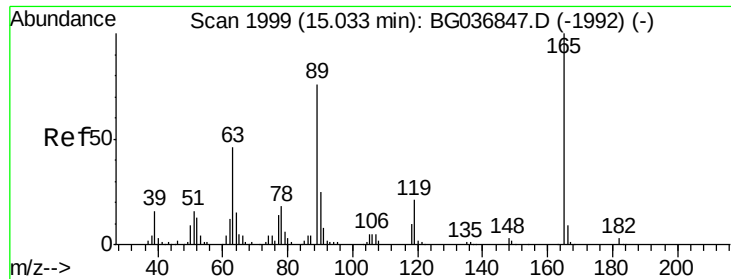
#50
2,6-Dinitrotoluene
Concen: 7.214 ng
RT: 14.66 min Scan# 1935
Delta R.T. 0.41 min
Lab File: BG037117.D
Acq: 2 Oct 2018 23:10

Tgt Ion:165 Resp: 15279
Ion Ratio Lower Upper
165 100
63 2.1 50.1 75.1#
89 0.0 47.8 71.6#



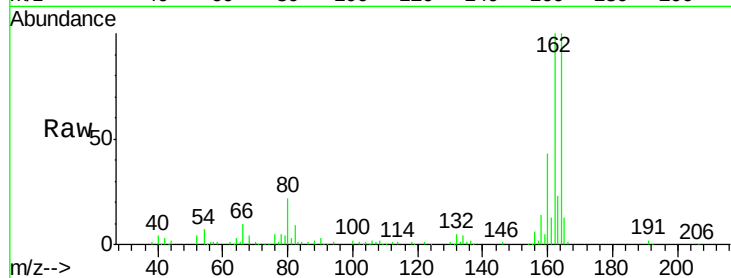
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG0
Ion 89.00 (88.70 to 89.70): BG0





#56
 2,4-Dinitrotoluene
 Concen: 5.170 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.37 min
 Lab File: BG037117.D
 Acq: 2 Oct 2018 23:10

Tgt Ion:	165	Resp:	15279
Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#

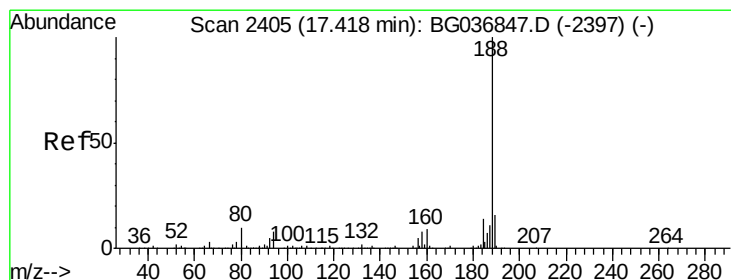
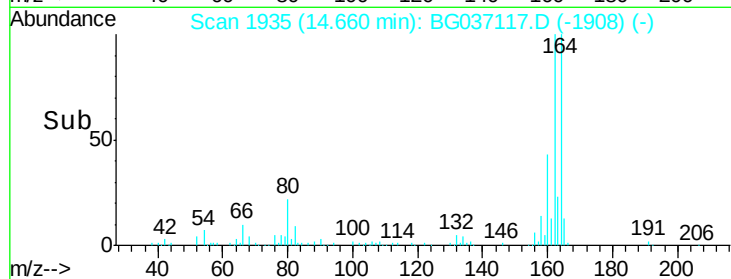
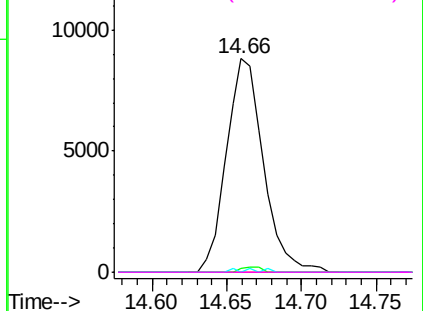


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

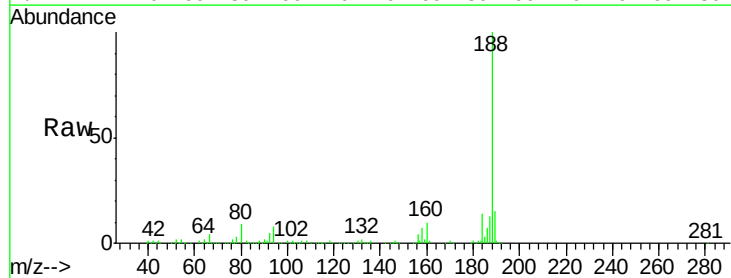
Ion 89.00 (88.70 to 89.70): BGC

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: BG037117.D
 Acq: 2 Oct 2018 23:10

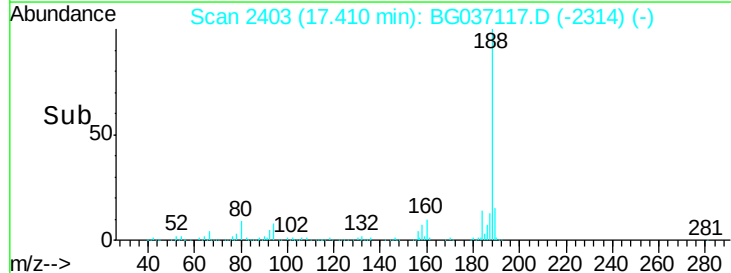
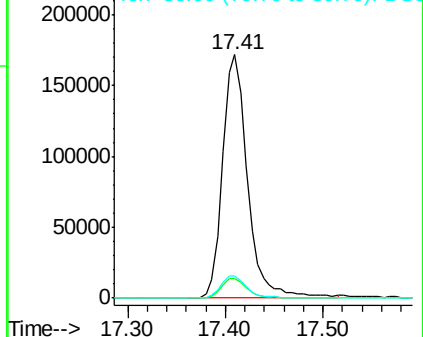
Tgt Ion:	188	Resp:	305301
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.1	8.1	12.1

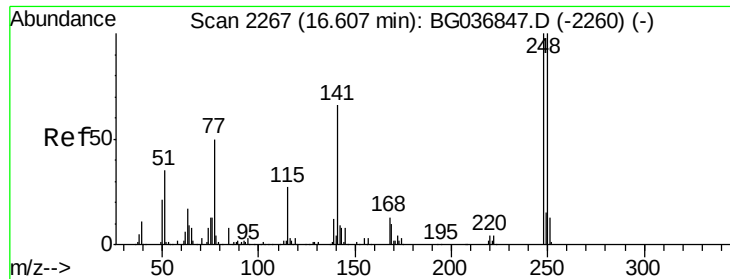


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

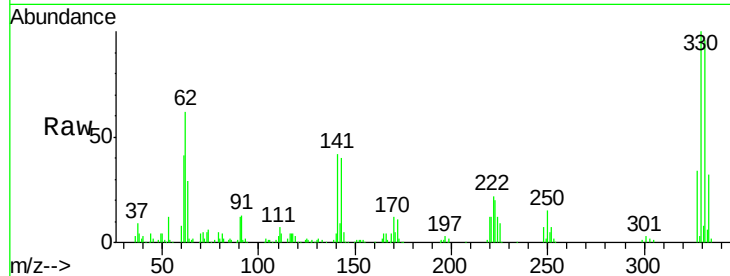
Ion 80.00 (79.70 to 80.70): BGC



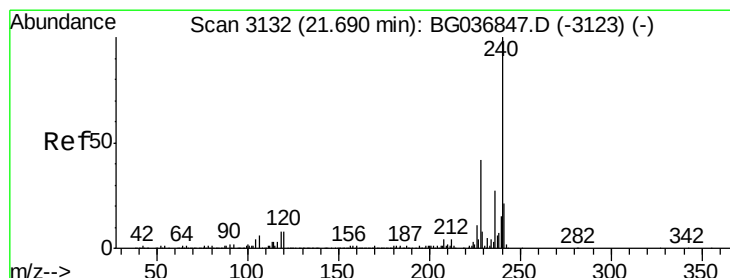
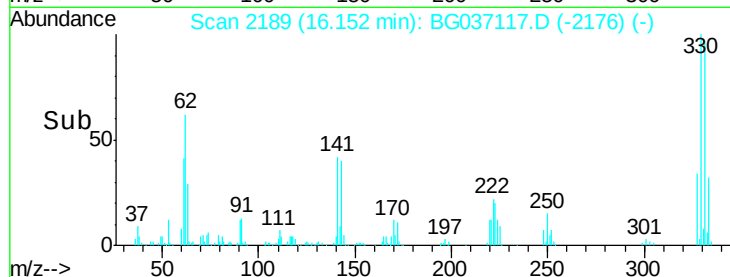
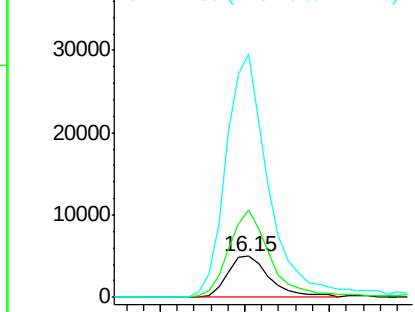


#66
 4-Bromophenyl-phenylether
 Concen: 2.525 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037117.D
 Acq: 2 Oct 2018 23:10

Tgt Ion:248 Resp: 8767
 Ion Ratio Lower Upper
 248 100
 250 214.0 78.1 117.1#
 141 594.7 53.7 80.5#

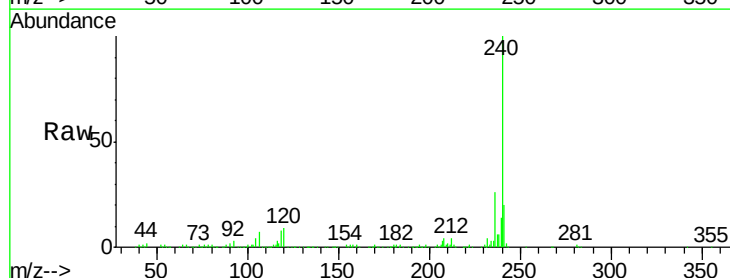


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

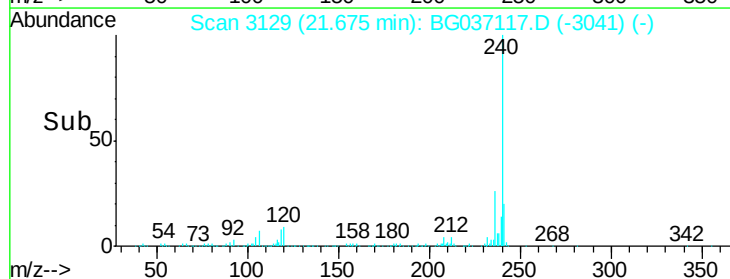
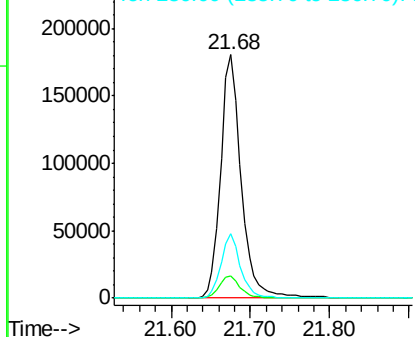


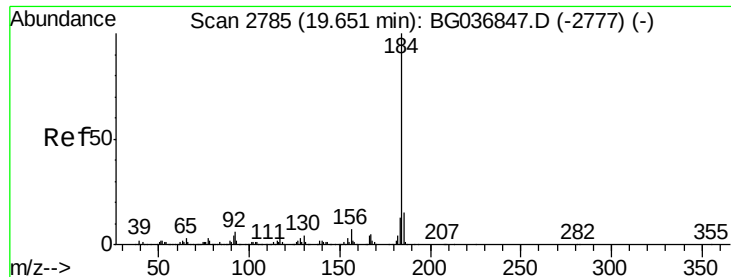
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BG037117.D
 Acq: 2 Oct 2018 23:10

Tgt Ion:240 Resp: 324344
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.9 10.3
 236 26.3 21.2 31.8



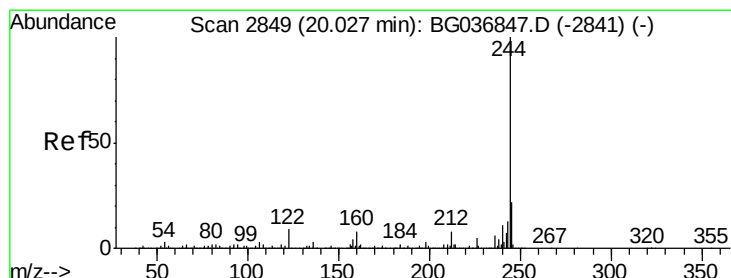
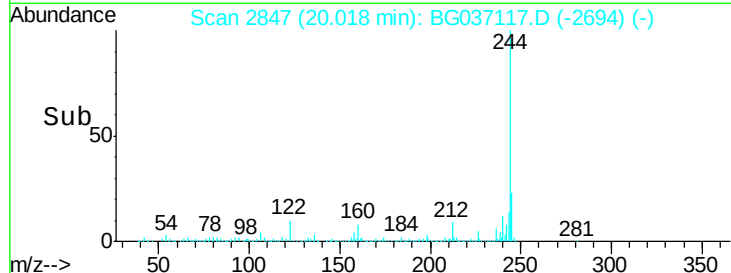
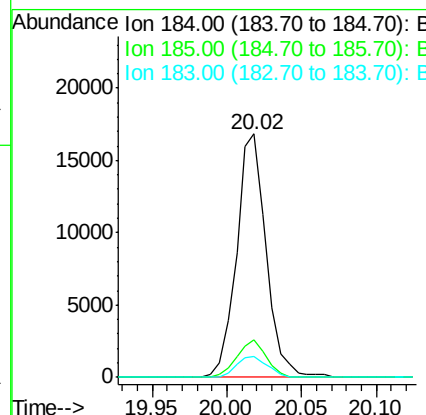
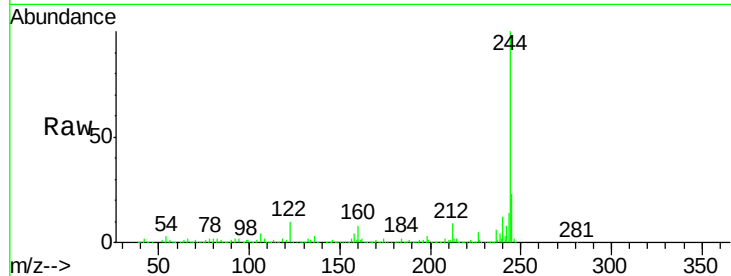
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





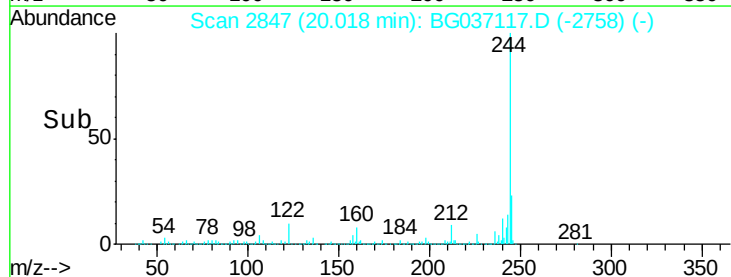
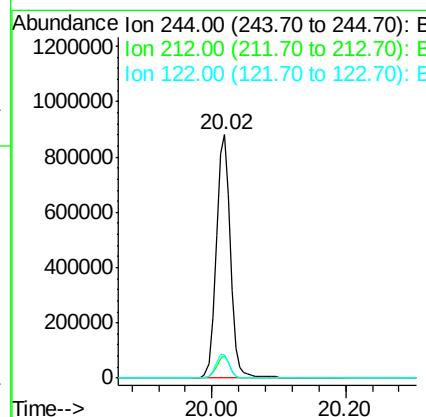
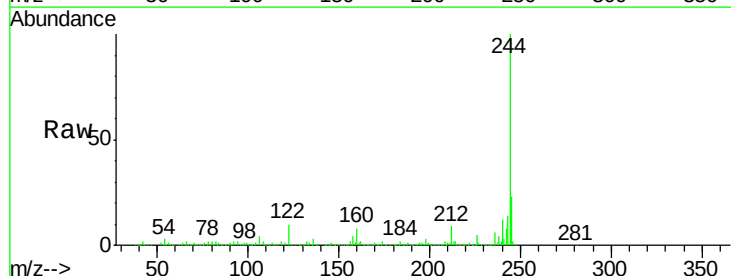
#76
Benzidine
Concen: 2.376 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037117.D
Acq: 2 Oct 2018 23:10

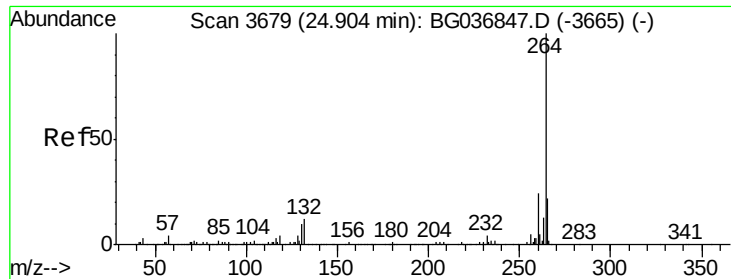
Tgt Ion:184 Resp: 23293
Ion Ratio Lower Upper
184 100
185 15.6 12.6 18.8
183 8.4 10.9 16.3#



#78
Terphenyl-d14
Concen: 106.557 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037117.D
Acq: 2 Oct 2018 23:10

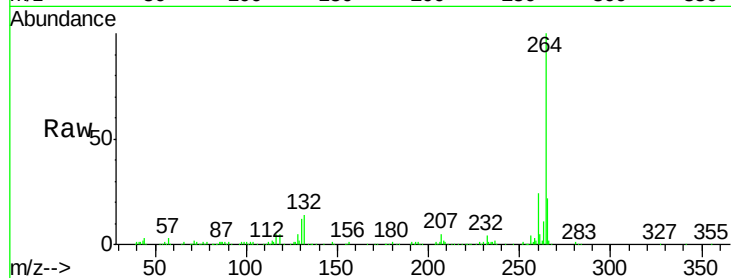
Tgt Ion:244 Resp: 1314365
Ion Ratio Lower Upper
244 100
212 9.0 7.0 10.6
122 9.8 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.87 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG037117.D
Acq: 2 Oct 2018 23:10

Tgt Ion:	264	Resp:	318142
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	22.1	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

