

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100218\
 Data File : BG037120.D
 Acq On : 3 Oct 2018 1:07
 Operator : JU/SJ
 Sample : PB113441TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

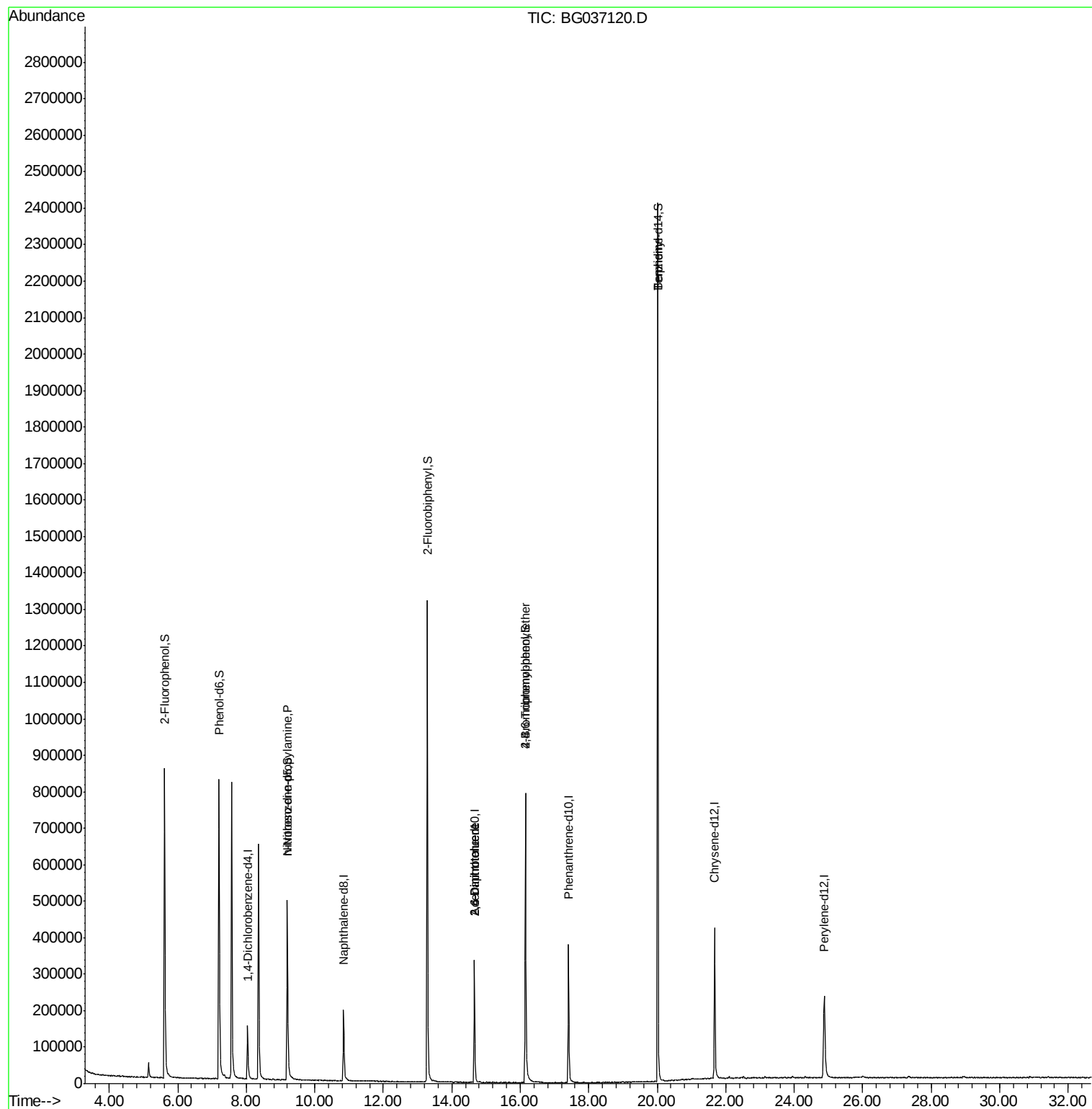
Quant Time: Oct 03 01:59:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

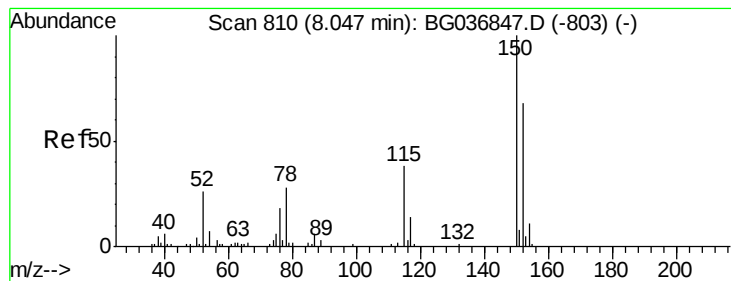
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49932	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	201748	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	120089	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	290774	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	299610	20.00	ng	-0.02
86) Perylene-d12	24.88	264	290696	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	405458	155.73	ng	0.00
7) Phenol-d6	7.20	99	542862	134.76	ng	-0.01
23) Nitrobenzene-d5	9.20	82	363545	96.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	175313	122.02	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	772108	95.76	ng	-0.01
78) Terphenyl-d14	20.02	244	1198068	105.15	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.20	70	48514	14.477	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	15851	7.516	ng	# 21
56) 2,4-Dinitrotoluene	14.66	165	15850	5.386	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	12448	3.764	ng	# 1
76) Benzidine	20.02	184	21109	2.331	ng	# 92

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

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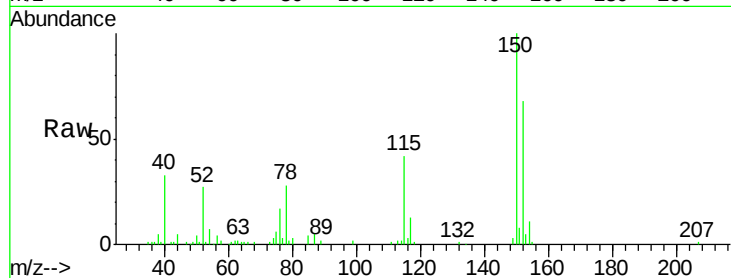




#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037120.D
Acq: 3 Oct 2018 1:07

Tgt Ion	Ratio	Lower	Upper
152	100		
150	147.6	119.5	179.3
115	61.5	44.5	66.7

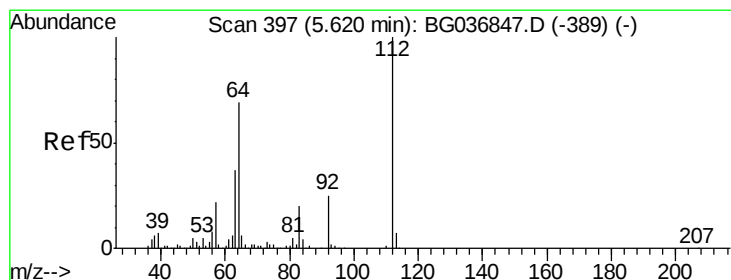
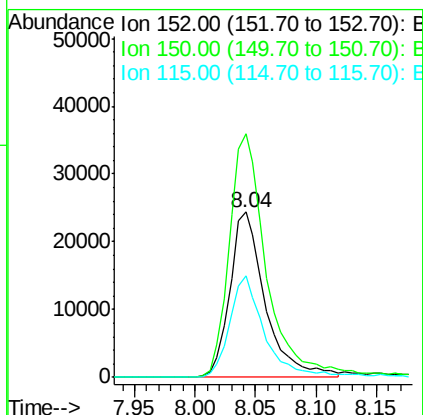
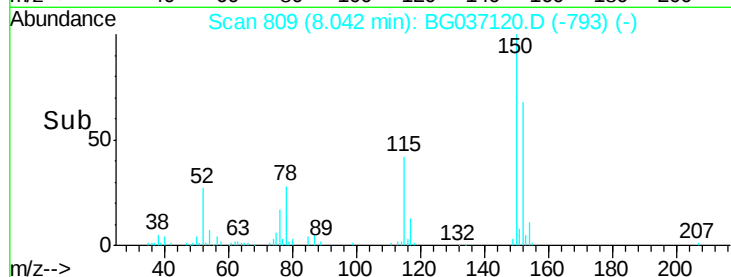


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

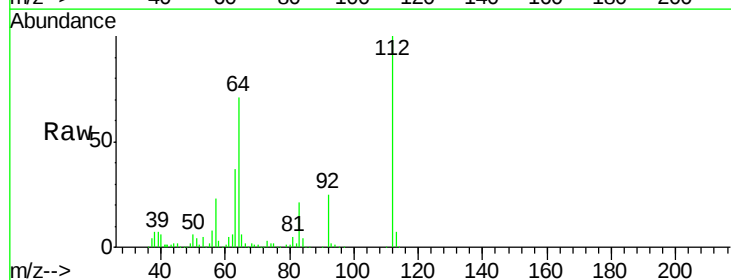
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 155.728 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037120.D
Acq: 3 Oct 2018 1:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	57.2	85.8
63	37.3	30.8	46.2

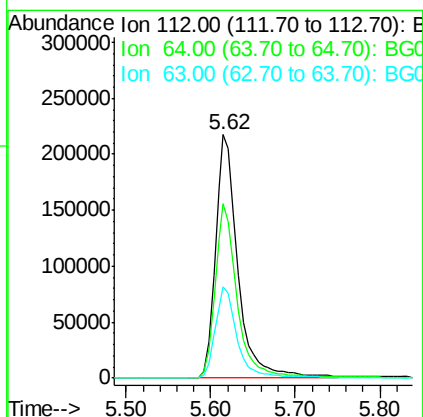
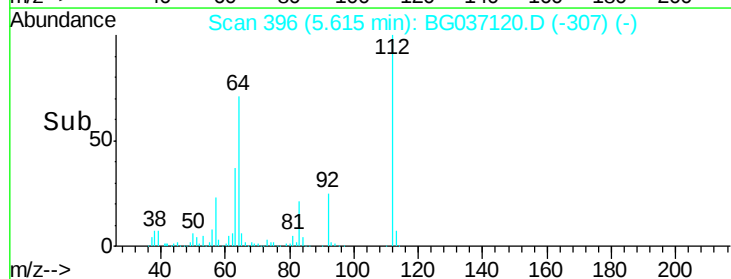


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.763 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037120.D

Acq: 3 Oct 2018 1:07

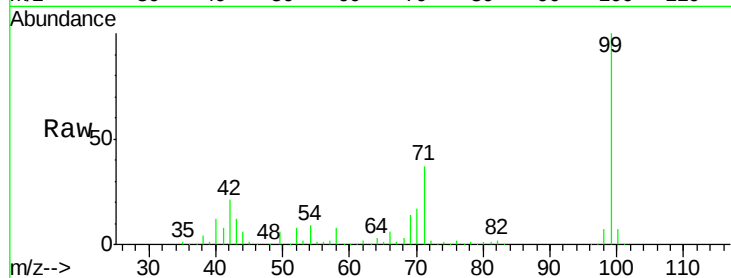
Tgt Ion: 99 Resp: 542862

Ion Ratio Lower Upper

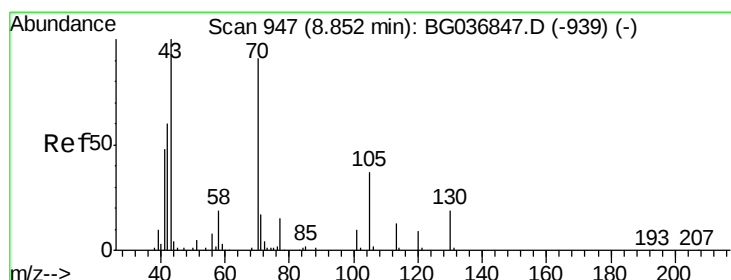
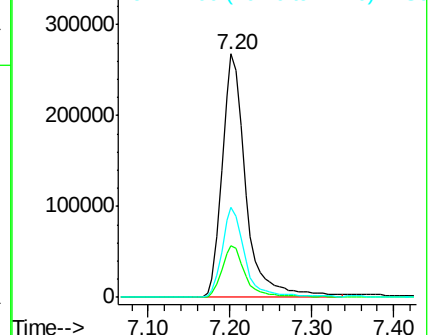
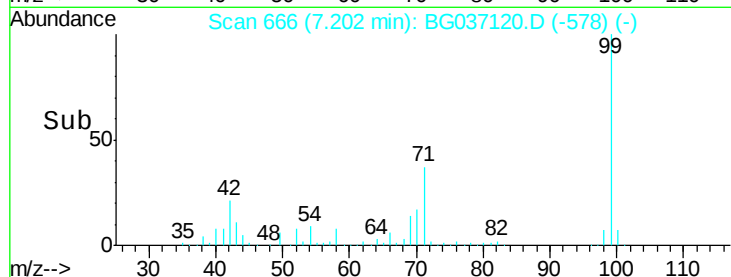
99 100

42 21.3 16.5 24.7

71 36.8 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: 14.477 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG037120.D

Acq: 3 Oct 2018 1:07

Tgt Ion: 70 Resp: 48514

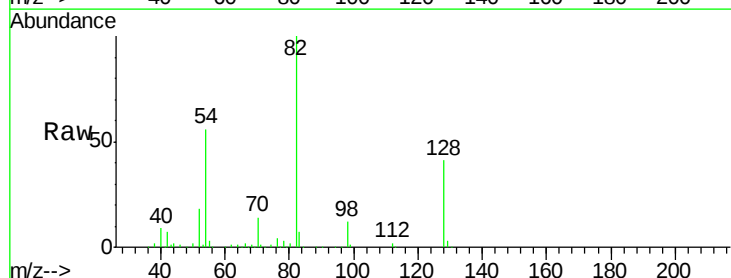
Ion Ratio Lower Upper

70 100

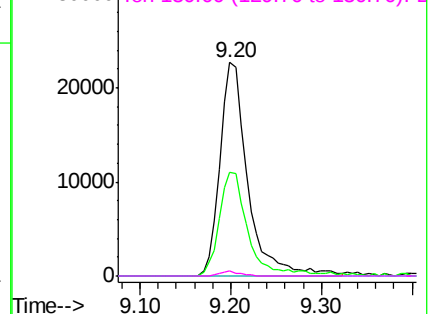
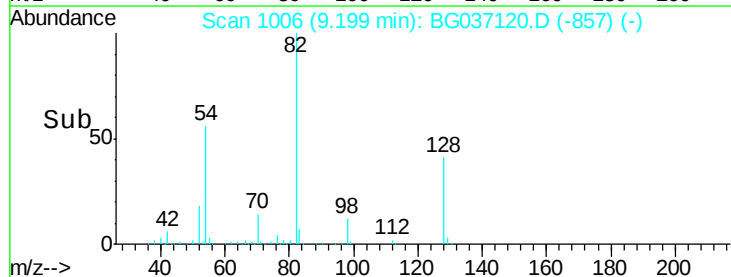
42 48.4 56.2 84.4#

101 0.0 7.8 11.6#

130 2.3 16.2 24.2#



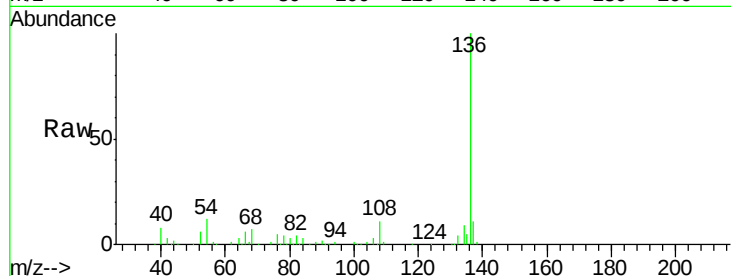
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC



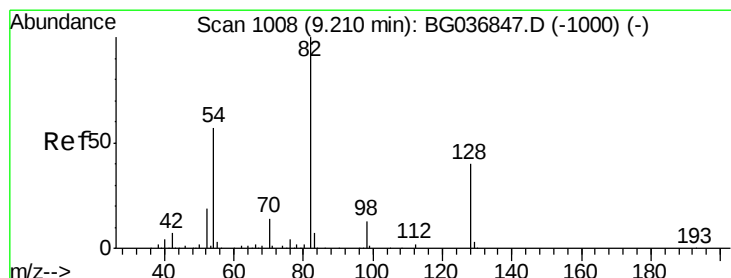
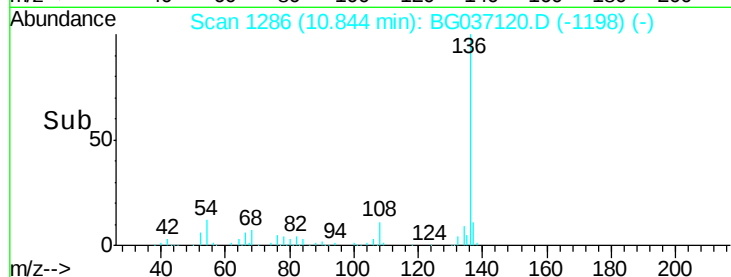
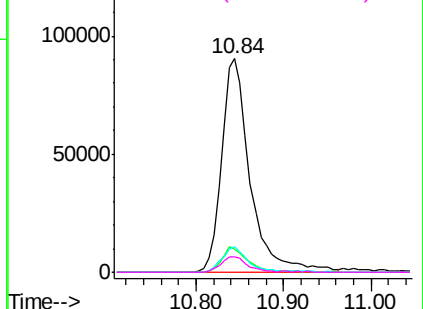


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037120.D
Acq: 3 Oct 2018 1:07

Tgt Ion: 136	Resp: 201748
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 12.2	9.2 13.8
68 7.0	5.8 8.6

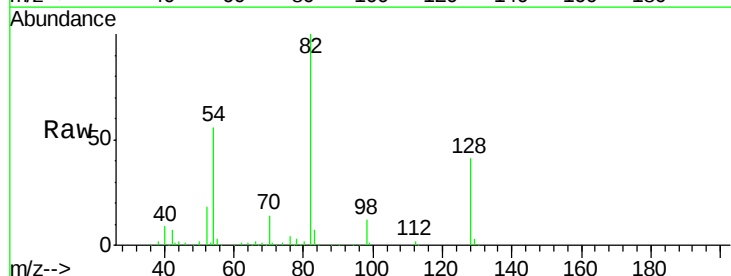


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

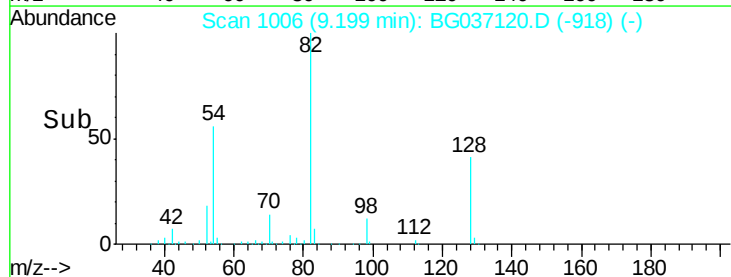
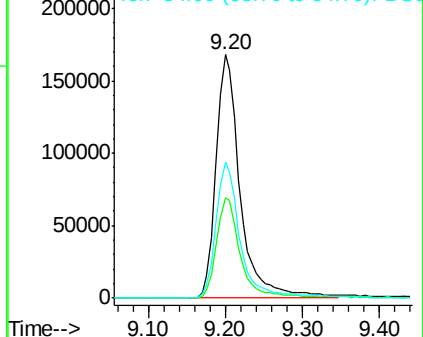


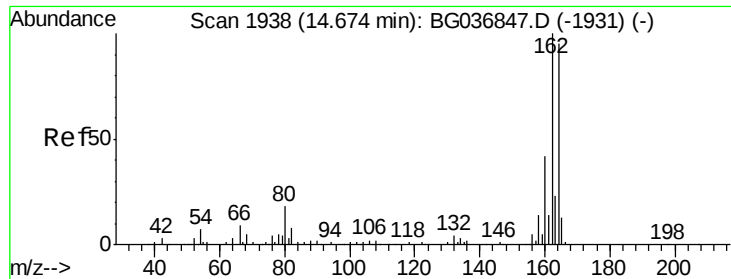
#23
Nitrobenzene-d5
Concen: 96.498 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037120.D
Acq: 3 Oct 2018 1:07

Tgt Ion: 82	Resp: 363545
Ion Ratio	Lower Upper
82 100	
128 40.9	33.3 49.9
54 56.1	45.1 67.7



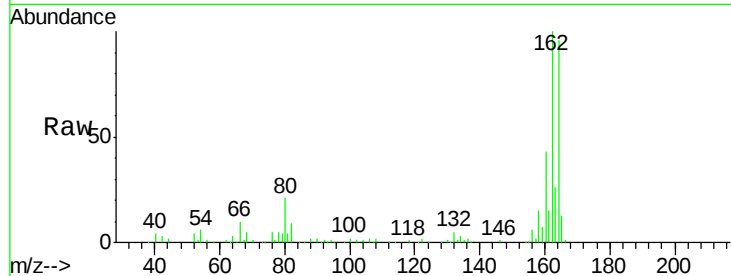
Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



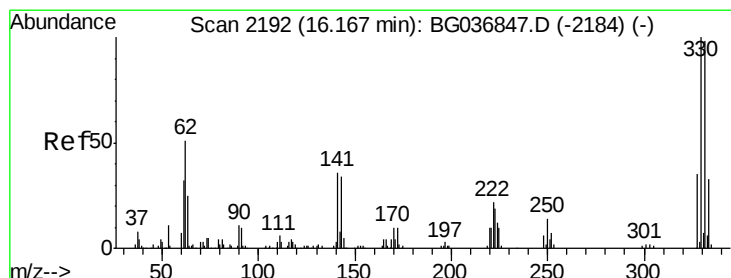
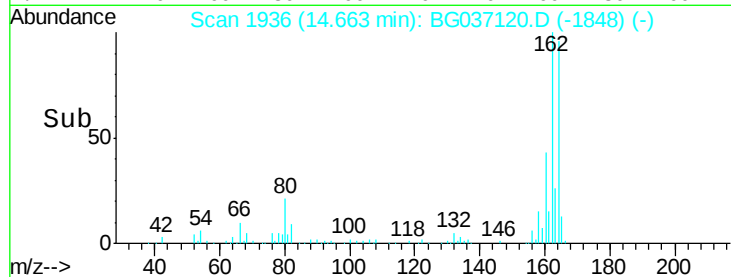
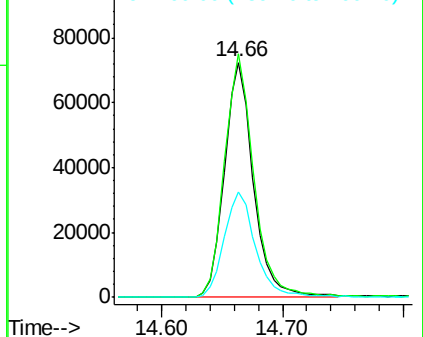


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BG037120.D
 Acq: 3 Oct 2018 1:07

Tgt Ion:164 Resp: 120089
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.7 121.1
 160 44.9 35.3 52.9

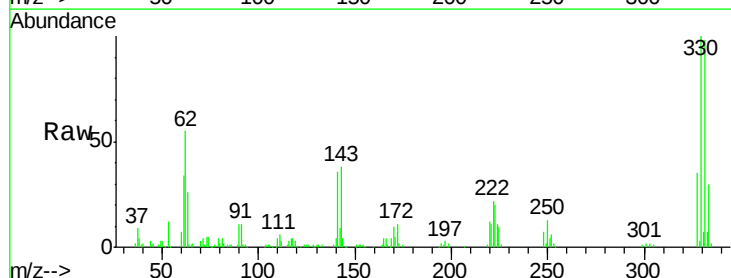


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

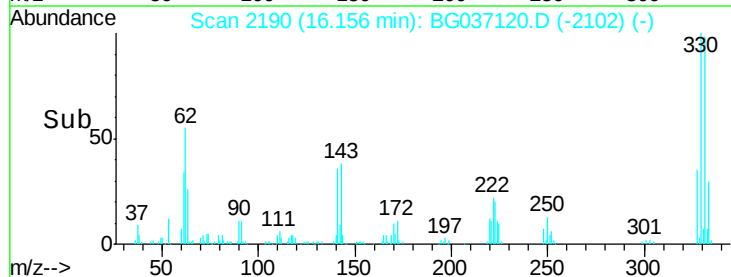
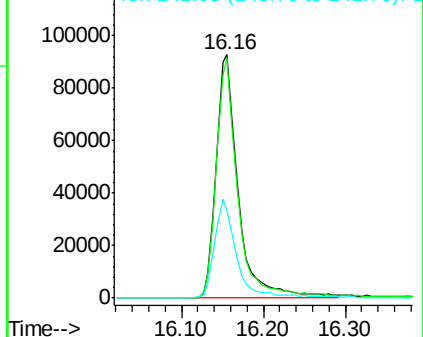


#41
 2,4,6-Tribromophenol
 Concen: 122.017 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG037120.D
 Acq: 3 Oct 2018 1:07

Tgt Ion:330 Resp: 175313
 Ion Ratio Lower Upper
 330 100
 332 97.6 75.4 113.2
 141 39.5 30.7 46.1



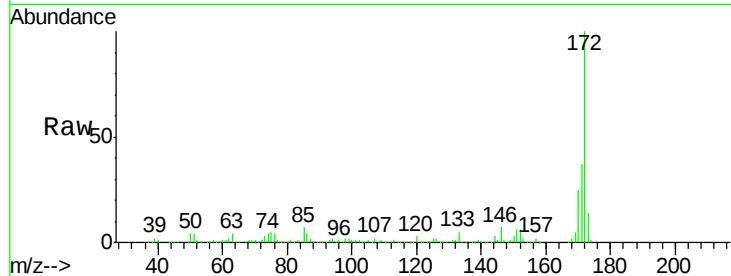
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



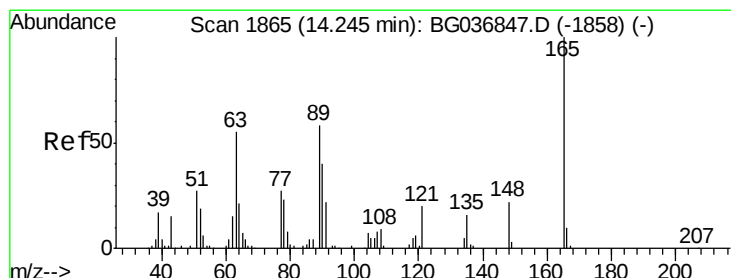
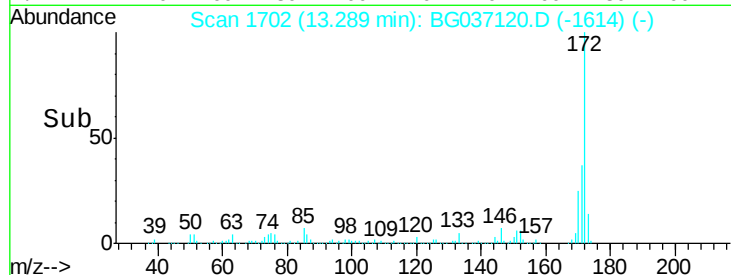
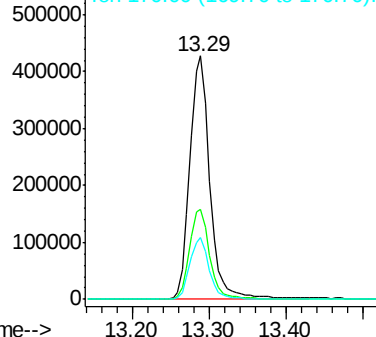


#44
 2-Fluorobiphenyl
 Concen: 95.760 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037120.D
 Acq: 3 Oct 2018 1:07

Tgt Ion:	172	Resp:	772108
Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.3	46.9
170	25.3	21.0	31.6

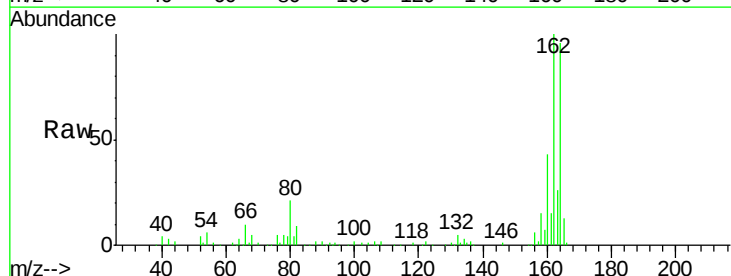


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

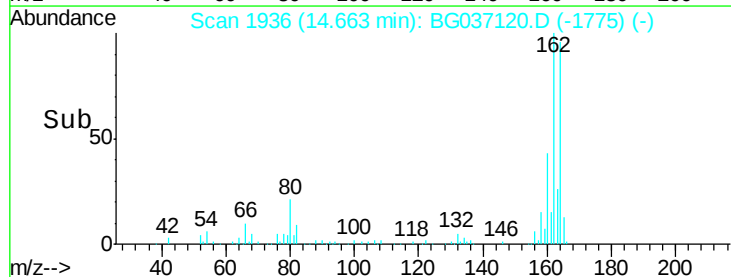
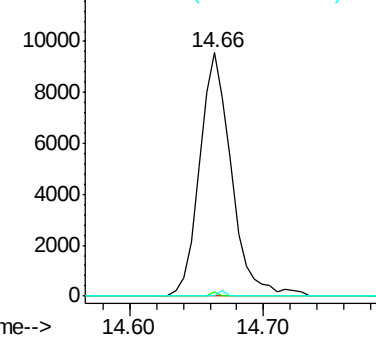


#50
 2,6-Dinitrotoluene
 Concen: 7.516 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG037120.D
 Acq: 3 Oct 2018 1:07

Tgt Ion:	165	Resp:	15851
Ion	Ratio	Lower	Upper
165	100		
63	1.8	50.1	75.1#
89	0.0	47.8	71.6#



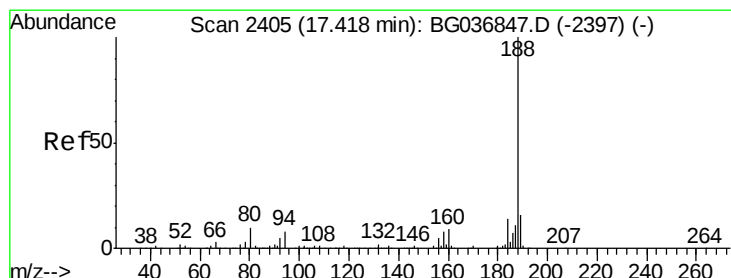
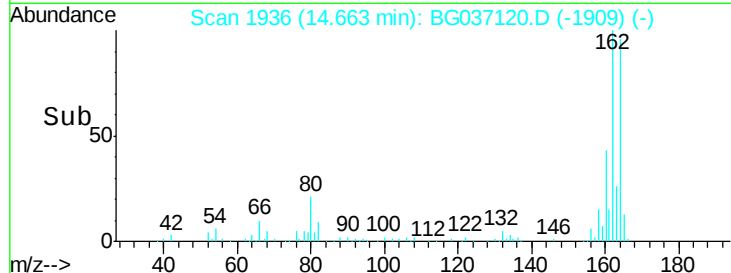
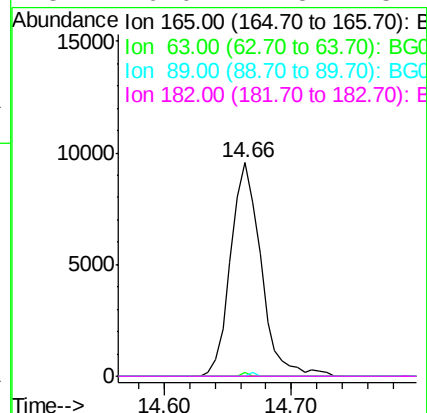
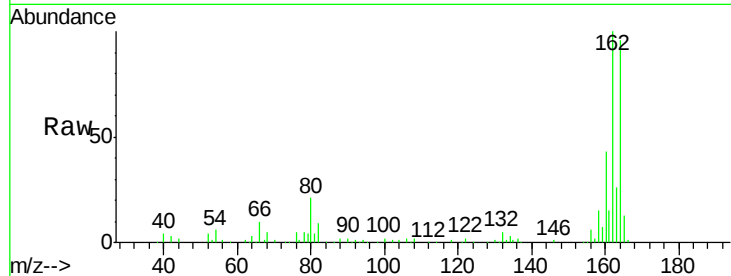
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0





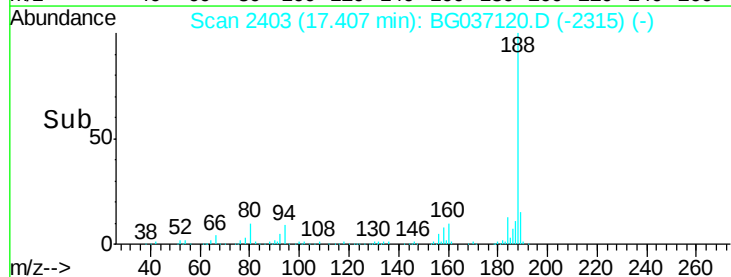
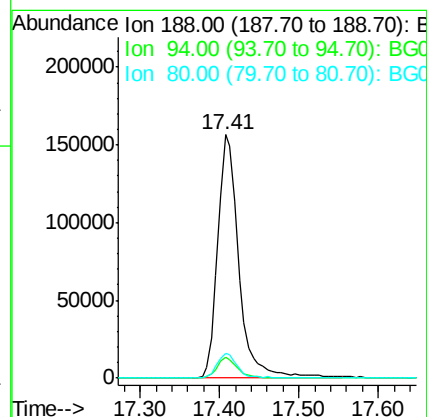
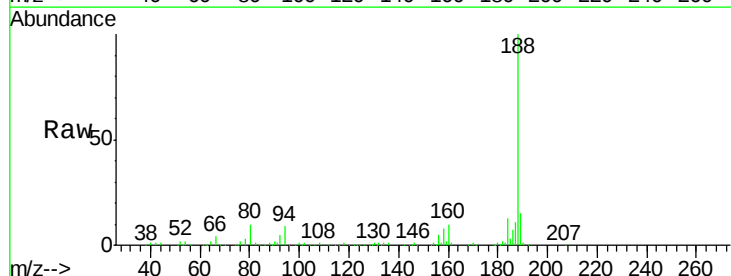
#56
 2,4-Dinitrotoluene
 Concen: 5.386 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037120.D
 Acq: 3 Oct 2018 1:07

Tgt Ion:	165	Resp:	15850
Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.1	60.1#
89	0.0	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: BG037120.D
 Acq: 3 Oct 2018 1:07

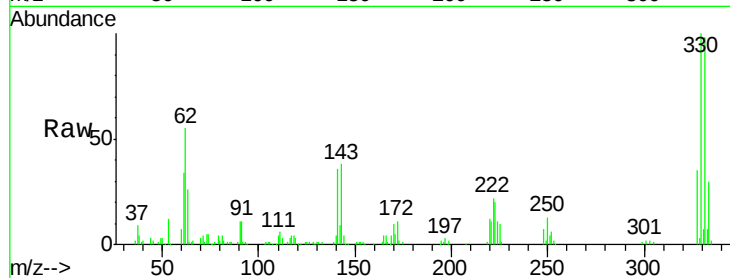
Tgt Ion:	188	Resp:	290774
Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.7	10.1
80	10.2	8.1	12.1



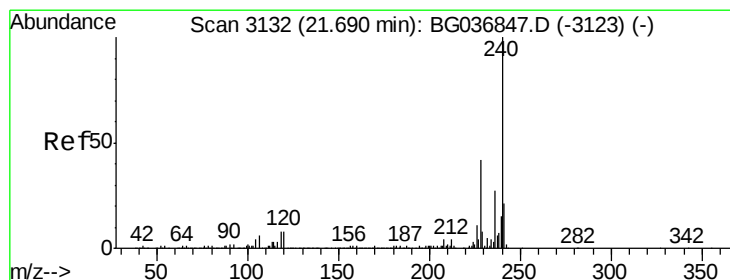
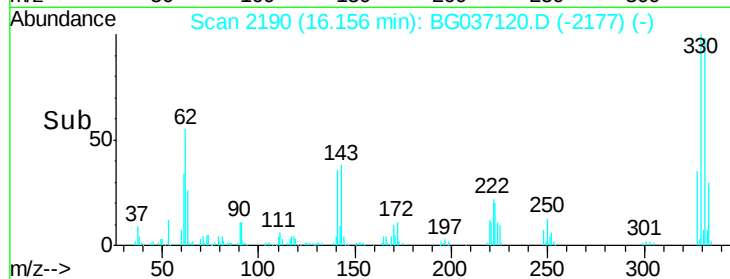
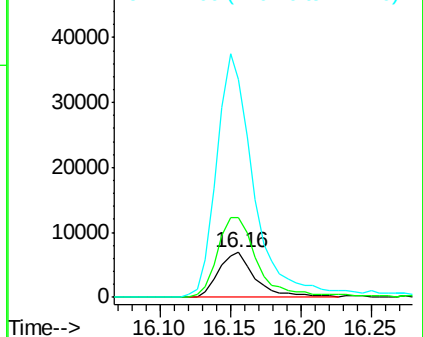


#66
 4-Bromophenyl-phenylether
 Concen: 3.764 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.45 min
 Lab File: BG037120.D
 Acq: 3 Oct 2018 1:07

Tgt Ion:248 Resp: 12448
 Ion Ratio Lower Upper
 248 100
 250 178.8 78.1 117.1#
 141 487.0 53.7 80.5#

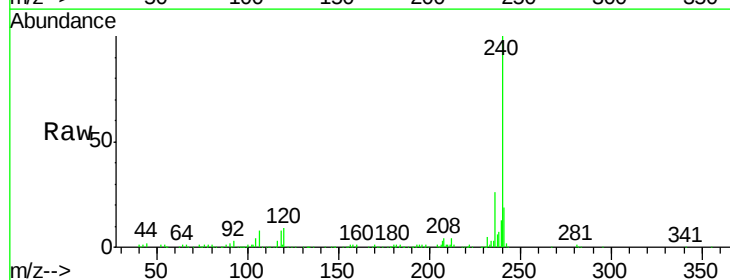


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

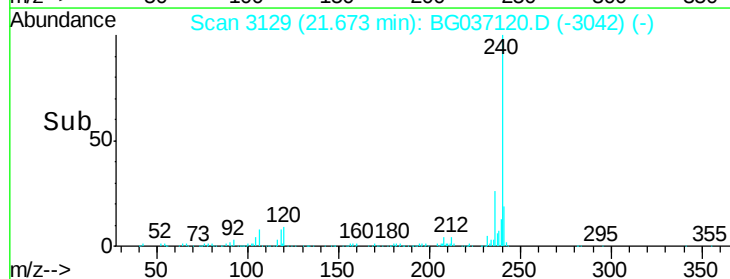
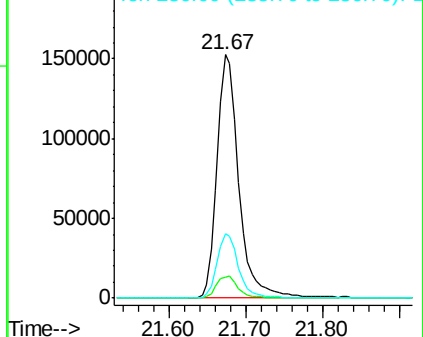


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. -0.02 min
 Lab File: BG037120.D
 Acq: 3 Oct 2018 1:07

Tgt Ion:240 Resp: 299610
 Ion Ratio Lower Upper
 240 100
 120 8.7 6.9 10.3
 236 26.3 21.2 31.8



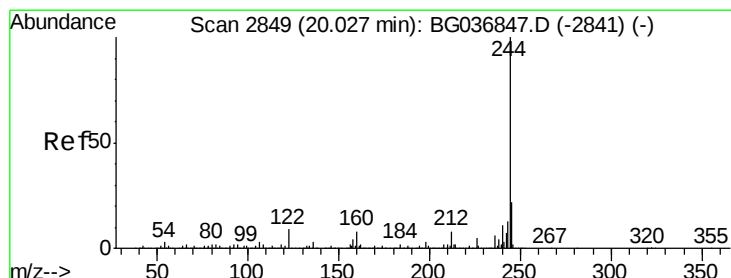
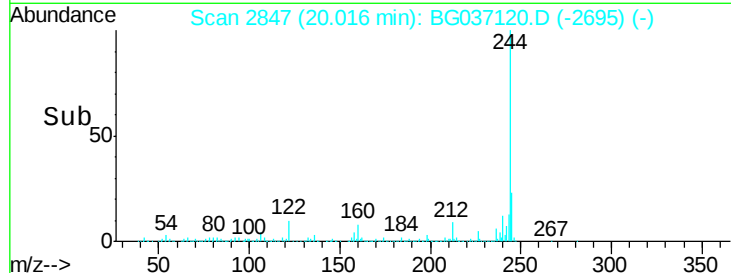
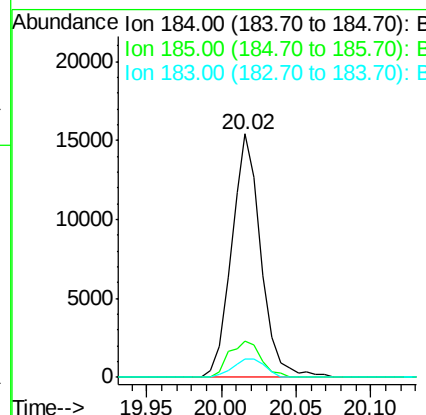
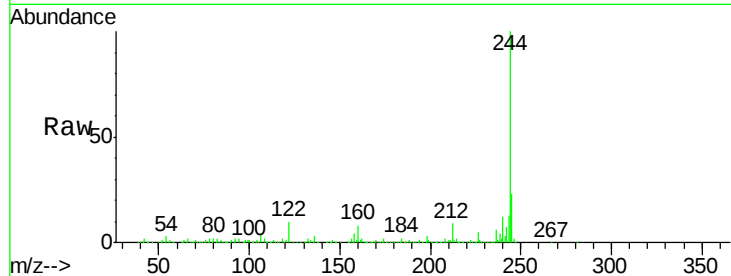
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





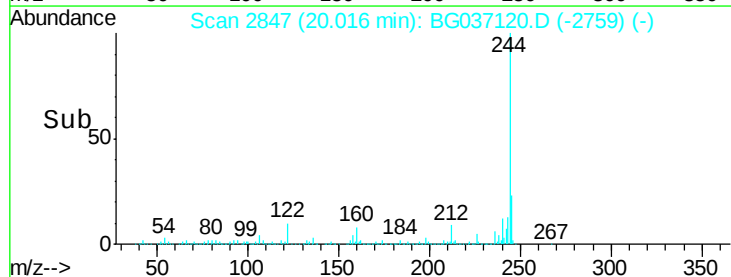
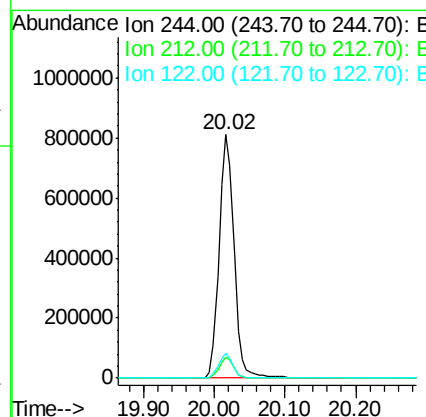
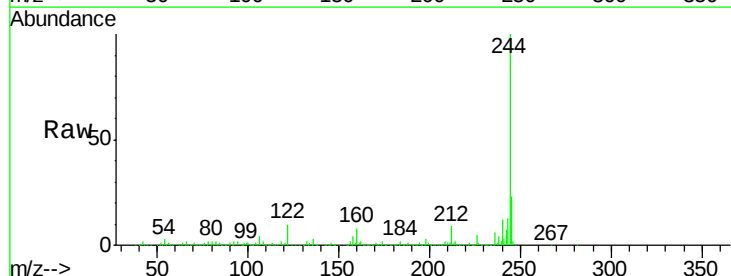
#76
Benzidine
Concen: 2.331 ng
RT: 20.02 min Scan# 2847
Delta R.T. 0.37 min
Lab File: BG037120.D
Acq: 3 Oct 2018 1:07

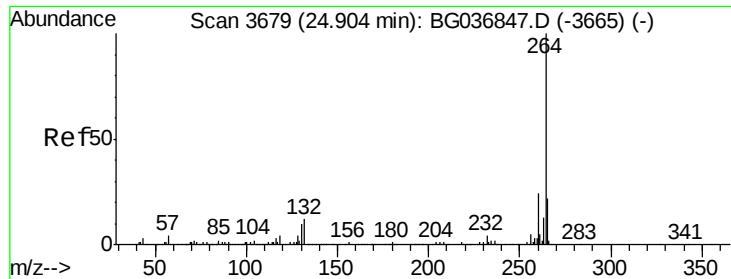
Tgt Ion:184 Resp: 21109
Ion Ratio Lower Upper
184 100
185 14.8 12.6 18.8
183 7.7 10.9 16.3#



#78
Terphenyl-d14
Concen: 105.147 ng
RT: 20.02 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BG037120.D
Acq: 3 Oct 2018 1:07

Tgt Ion:244 Resp: 1198068
Ion Ratio Lower Upper
244 100
212 8.6 7.0 10.6
122 10.0 7.1 10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.88 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG037120.D
Acq: 3 Oct 2018 1:07

Tgt Ion:	264	Resp:	290696
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	20.5	17.4	26.0

