

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
 Data File : BG037193.D
 Acq On : 5 Oct 2018 17:05
 Operator : JU/SJ
 Sample : PB113546BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BL

Quant Time: Oct 05 17:56:25 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

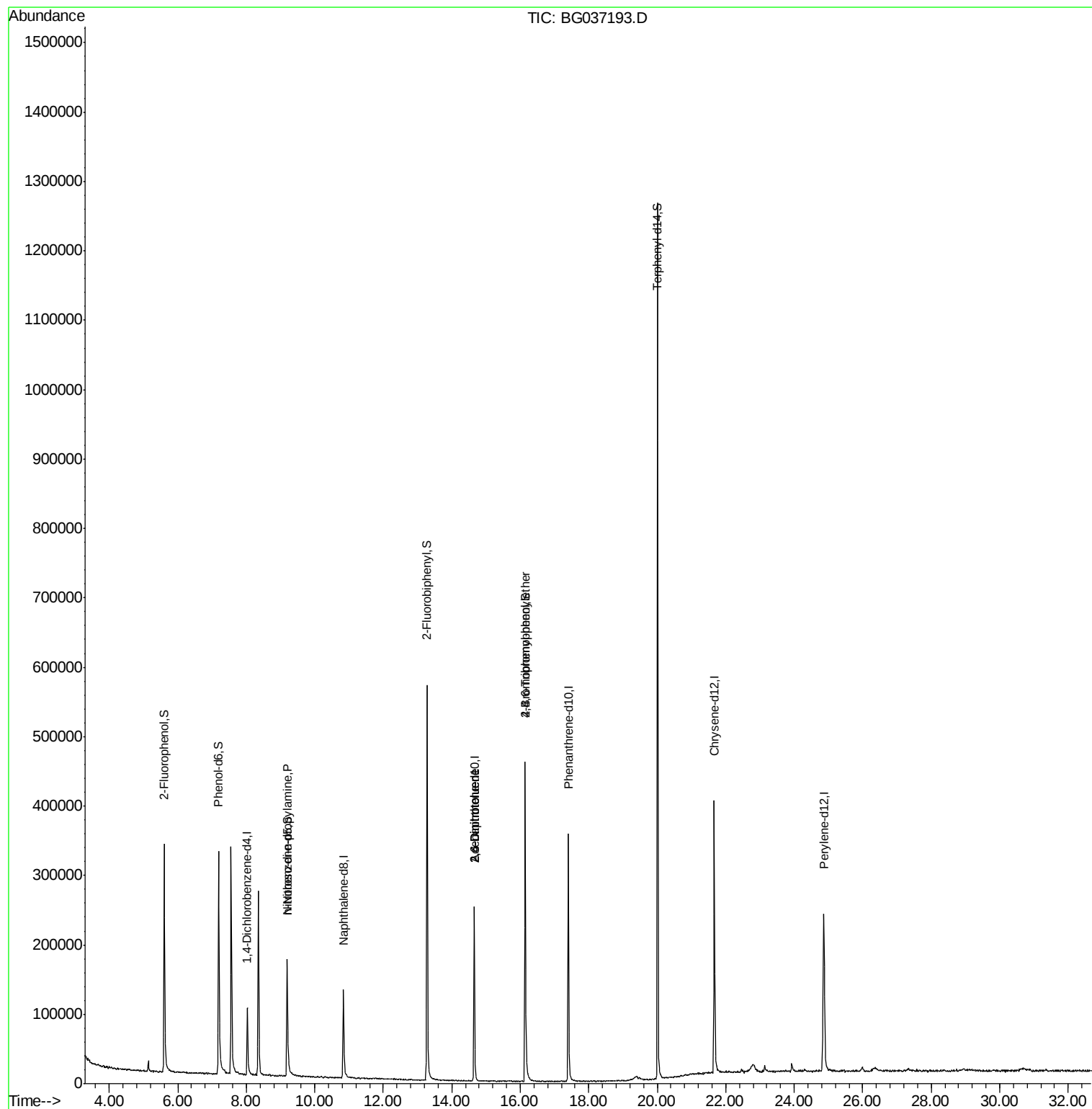
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33454	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	142986	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	95757	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	267000	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	280634	20.00	ng	-0.02
86) Perylene-d12	24.86	264	268292	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	168727	96.72	ng	-0.02
7) Phenol-d6	7.19	99	232313	86.08	ng	-0.02
23) Nitrobenzene-d5	9.19	82	148532	55.63	ng	-0.02
41) 2,4,6-Tribromophenol	16.14	330	99002	86.41	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	352106	54.77	ng	-0.02
78) Terphenyl-d14	20.01	244	684923	64.18	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	18734	8.344	ng	# 74
50) 2,6-Dinitrotoluene	14.66	165	12460	7.409	ng	# 22
56) 2,4-Dinitrotoluene	14.66	165	12460	5.310	ng	# 20
66) 4-Bromophenyl-phenylether	16.15	248	7040	2.318	ng	# 1

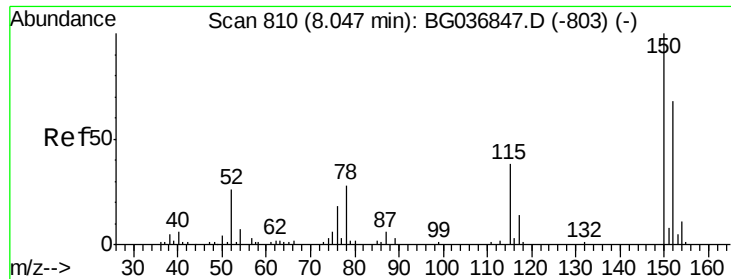
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037193.D
Acq On : 5 Oct 2018 17:05
Operator : JU/SJ
Sample : PB113546BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113546BL

Quant Time: Oct 05 17:56:25 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



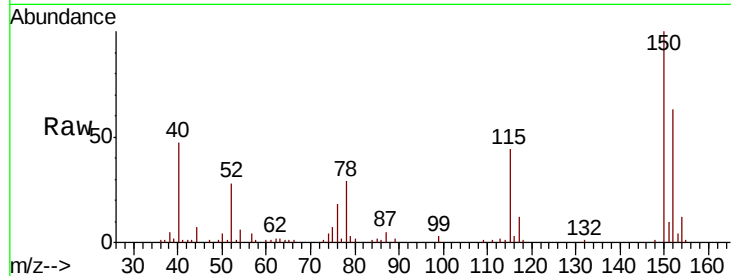


#1

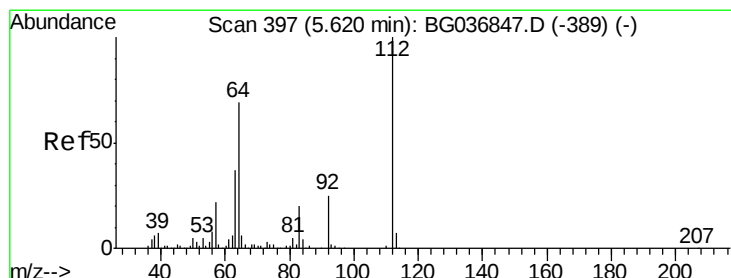
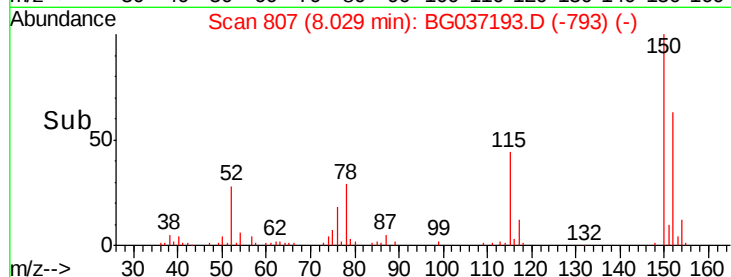
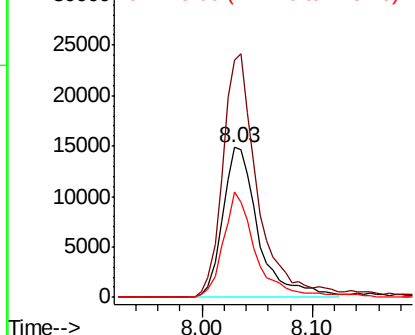
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BL

Tot Ion:152 Resp: 33454
 Ion Ratio Lower Upper
 152 100
 150 158.9 119.5 179.3
 115 70.1 44.5 66.7#



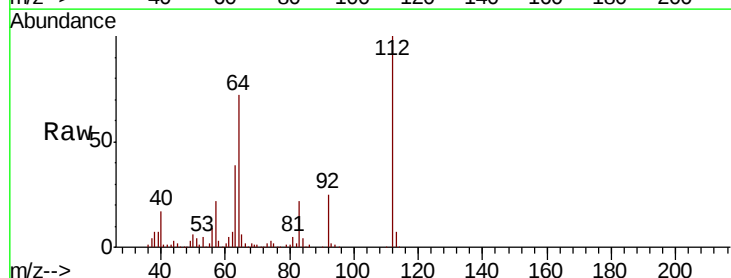
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



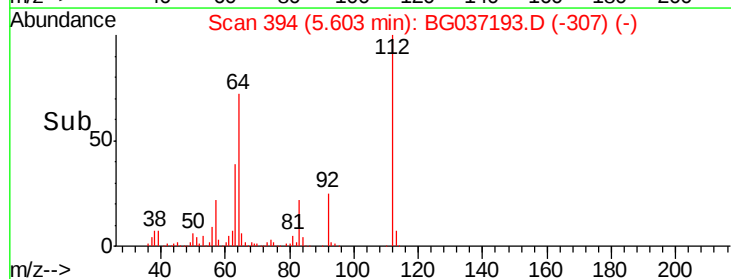
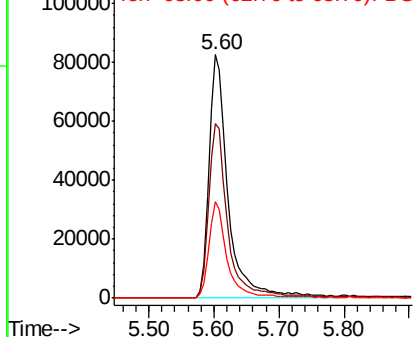
#5

2-Fluorophenol
 Concen: 96.724 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.02 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Tgt Ion:112 Resp: 168727
 Ion Ratio Lower Upper
 112 100
 64 71.7 57.2 85.8
 63 39.4 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 86.077 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.02 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Instrument :

BNA_G

ClientSampled :

PB113546BL

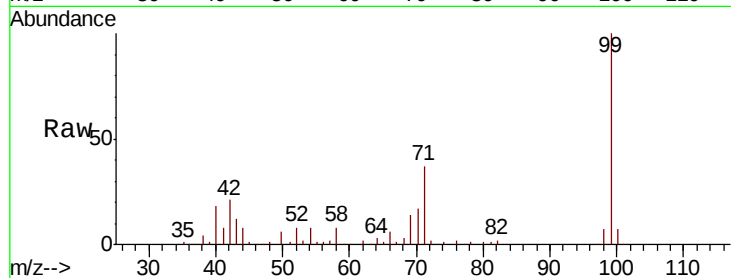
Tot Ion: 99 Resp: 232313

Ion Ratio Lower Upper

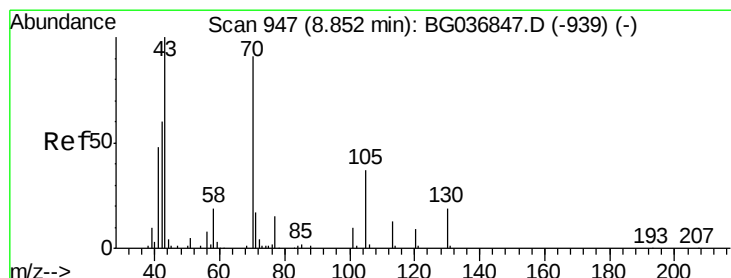
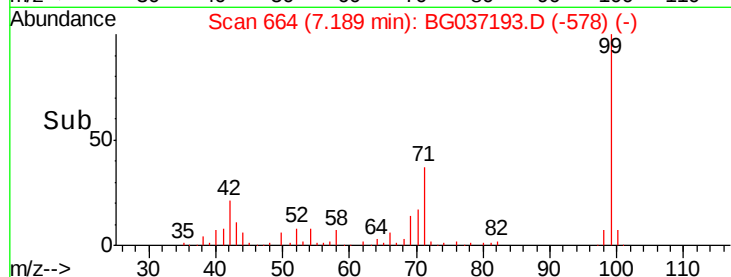
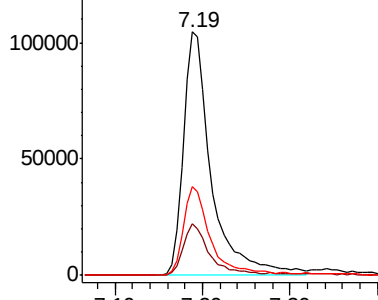
99 100

42 21.4 16.5 24.7

71 36.6 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: 8.344 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.34 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Tgt Ion: 70 Resp: 18734

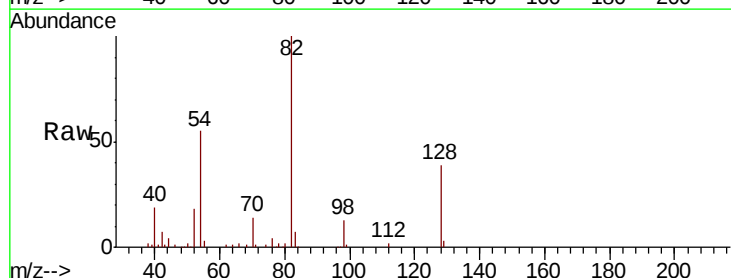
Ion Ratio Lower Upper

70 100

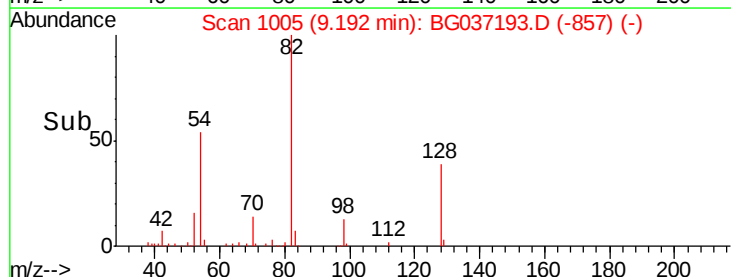
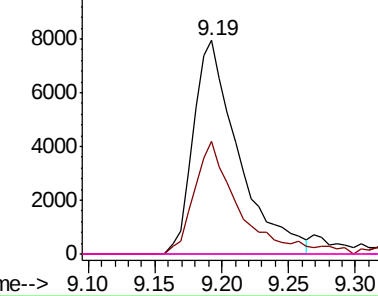
42 52.6 56.2 84.4#

101 0.0 7.8 11.6#

130 0.0 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

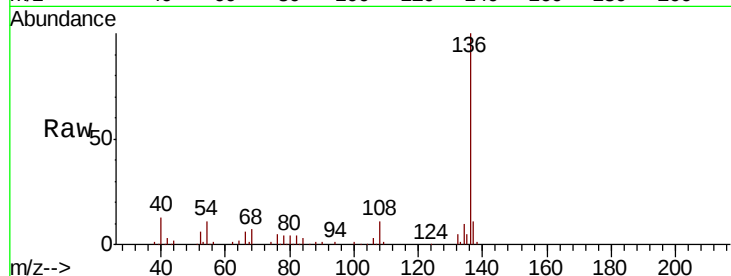




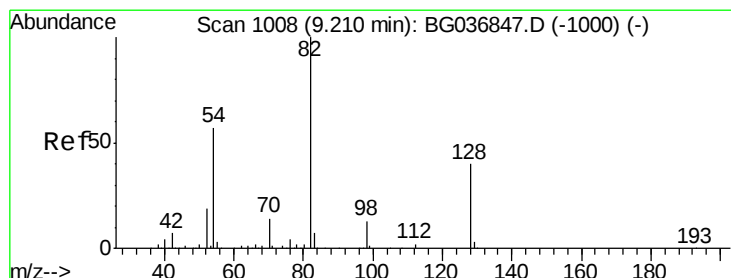
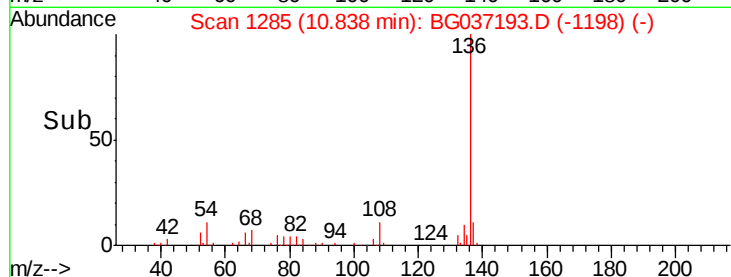
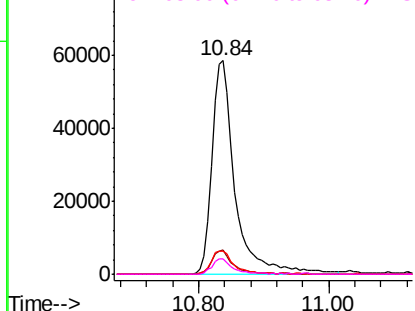
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

Instrument :
BNA_G
ClientSampleId :
PB113546BL

Tot Ion:136	Resp:	142986
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.8	13.2
54 10.5	9.2	13.8
68 7.1	5.8	8.6

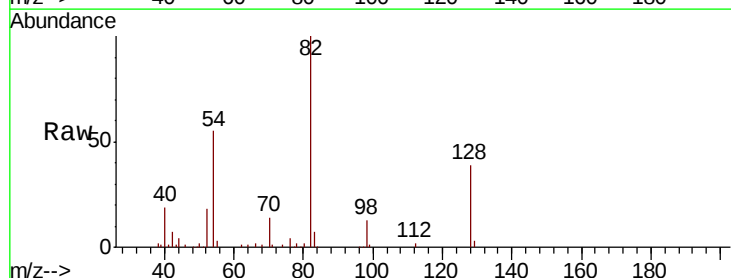


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

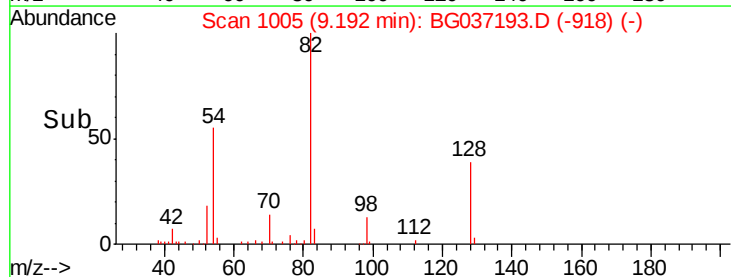
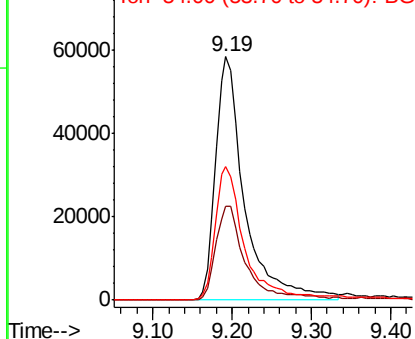


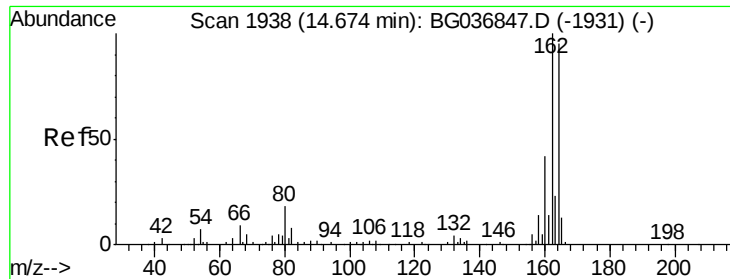
#23
Nitrobenzene-d5
Concen: 55.628 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG037193.D
Acq: 5 Oct 2018 17:05

Tgt Ion: 82	Resp: 148532
Ion Ratio	Lower Upper
82 100	
128 38.8	33.3 49.9
54 54.6	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: 14.66 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Instrument :

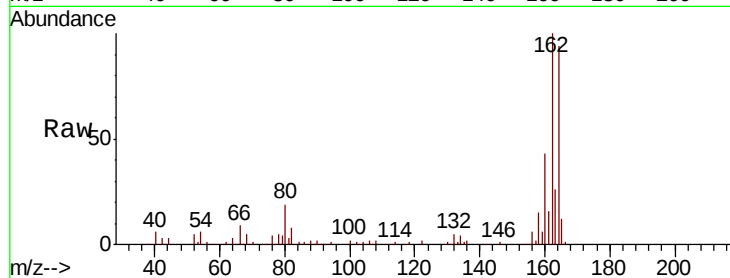
BNA_G

ClientSampleId :

PB113546BL

Tot Ion:164 Resp: 95757

Ion	Ratio	Lower	Upper
164	100		
162	106.9	80.7	121.1
160	46.1	35.3	52.9

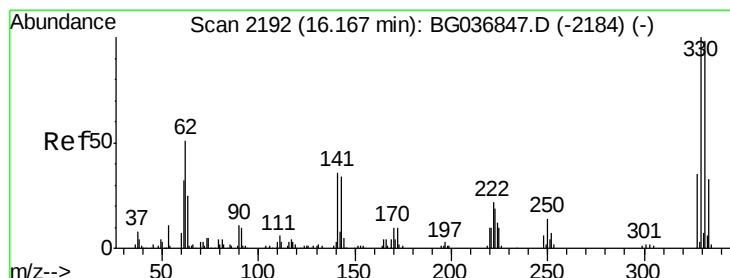
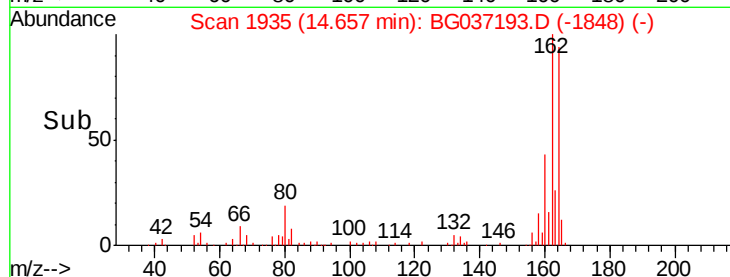
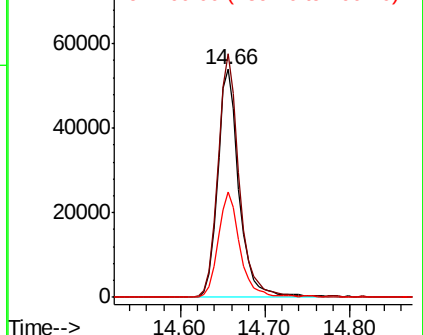


Abundance

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: 86.414 ng

RT: 16.14 min Scan# 2188

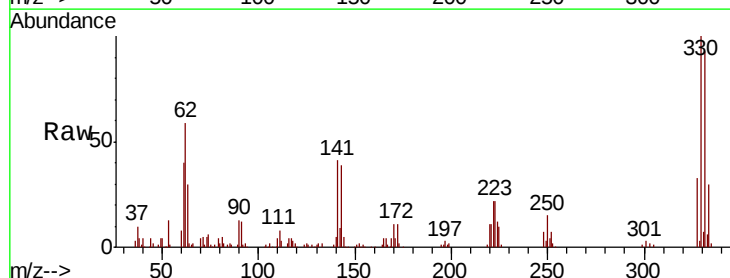
Delta R.T. -0.02 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Tgt Ion:330 Resp: 99002

Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.4	113.2
141	40.0	30.7	46.1

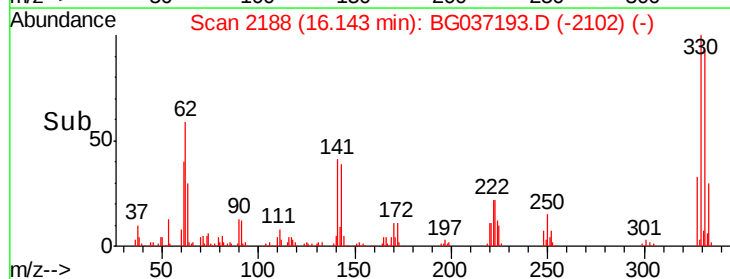
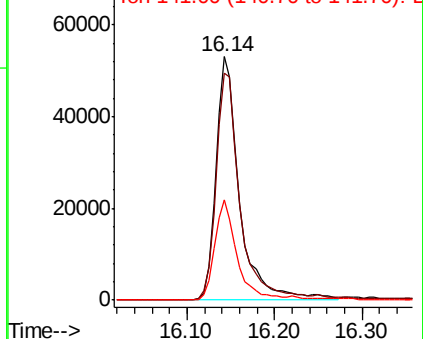


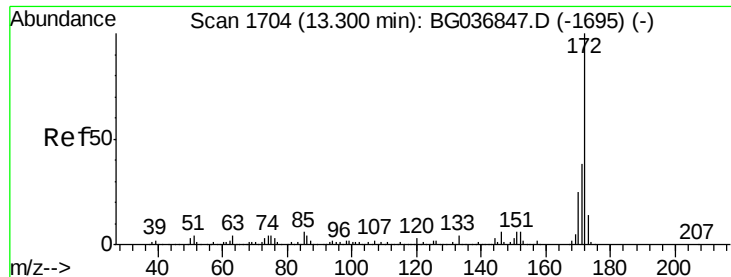
Abundance

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

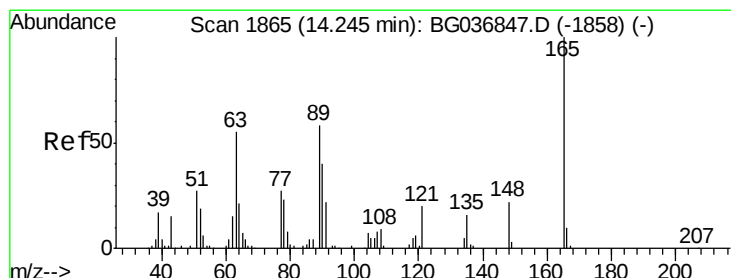
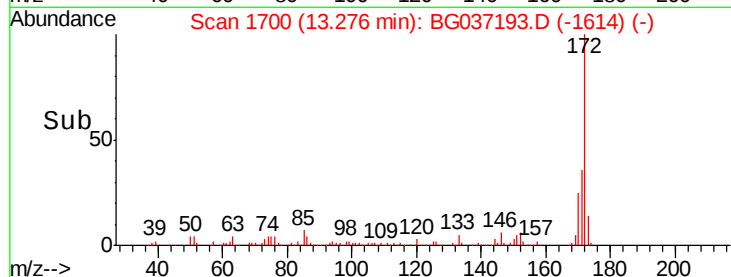
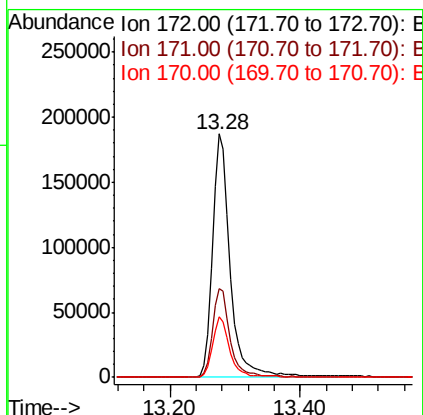
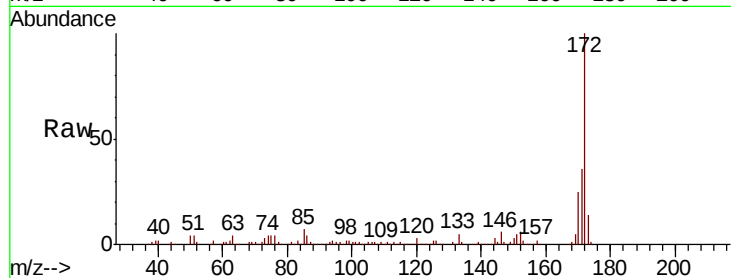




#44
 2-Fluorobiphenyl
 Concen: 54.766 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

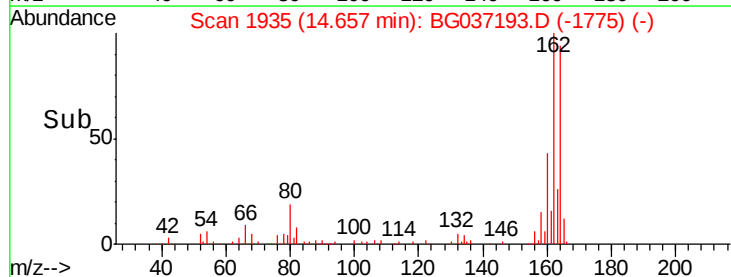
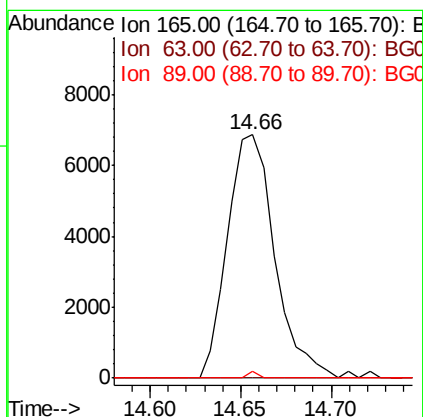
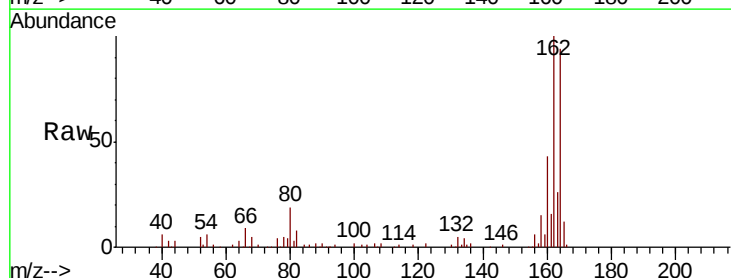
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.3	46.9
170	25.0	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.409 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. 0.41 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.7	47.8	71.6#

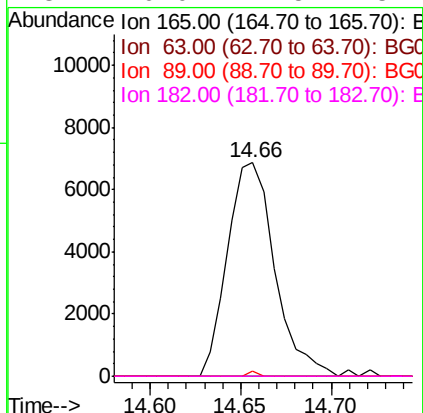
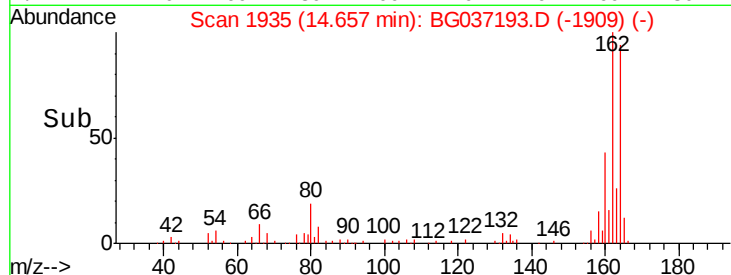
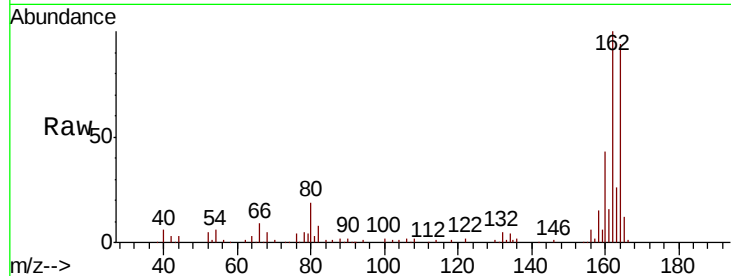




#56
 2,4-Dinitrotoluene
 Concen: 5.310 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.38 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

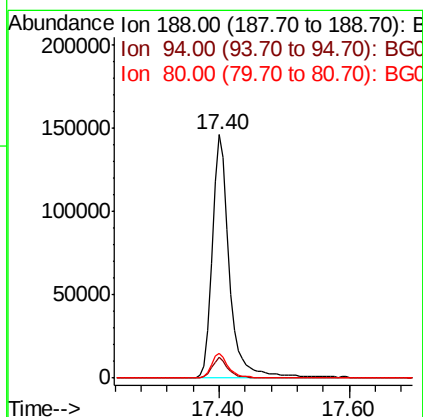
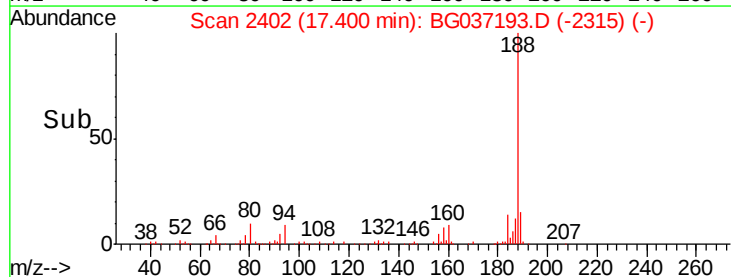
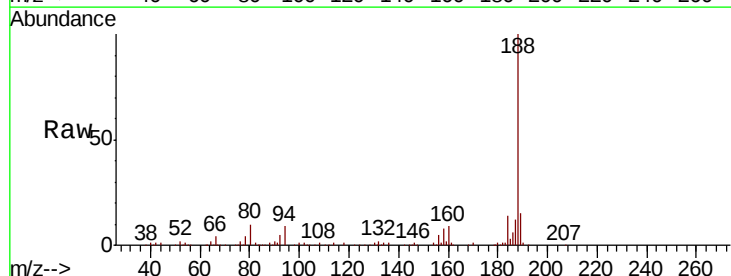
Instrument :
 BNA_G
 ClientSampleId :
 PB113546BL

Tot Ion:165	Resp:	12460
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.1 60.1#
89	2.7	63.7 95.5#
182	0.0	2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2402
 Delta R.T. -0.02 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Tgt Ion:188	Resp:	267000
Ion Ratio	Lower	Upper
188	100	
94	8.6	6.7 10.1
80	9.9	8.1 12.1

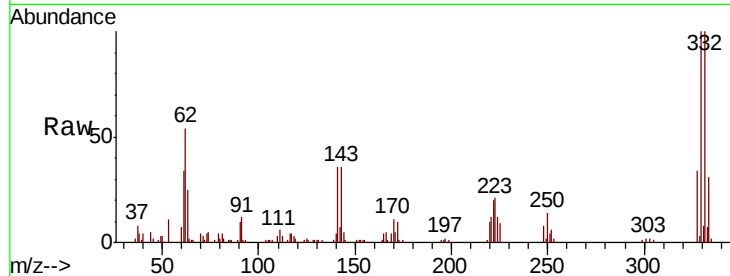




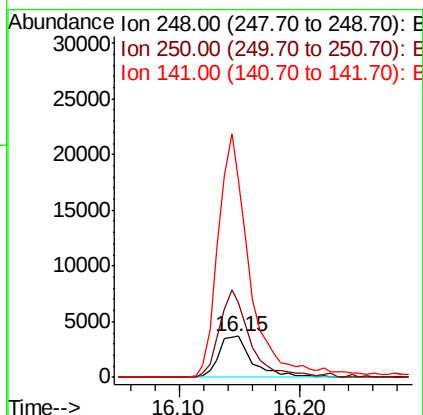
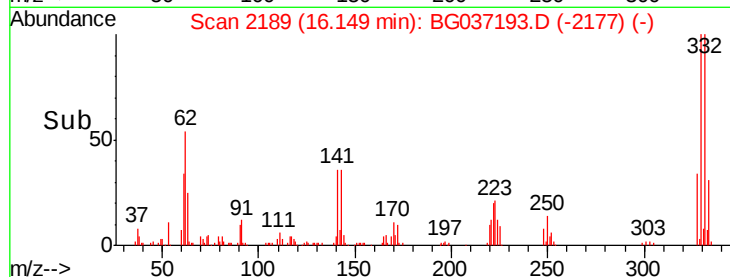
#66
 4-Bromophenyl-phenylether
 Concen: 2.318 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.46 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 PB113546BL

Tot Ion:248 Resp: 7040
 Ion Ratio Lower Upper
 248 100
 250 181.1 78.1 117.1#
 141 477.0 53.7 80.5#

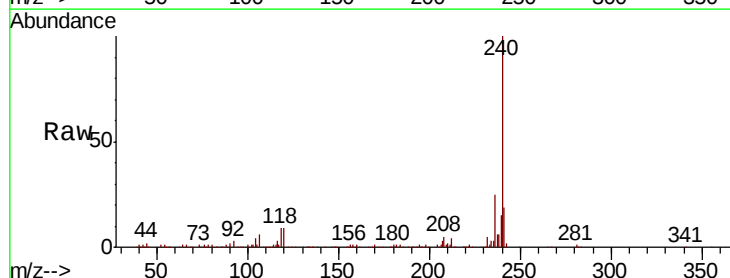


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

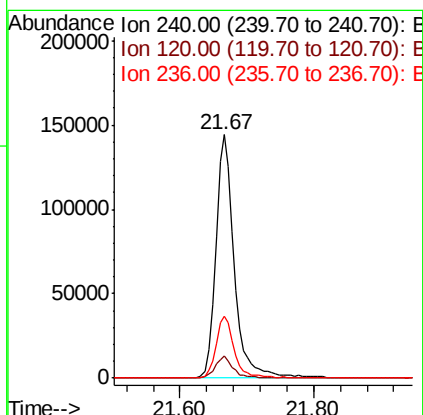
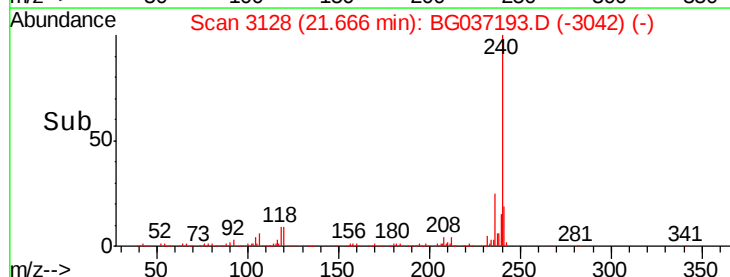


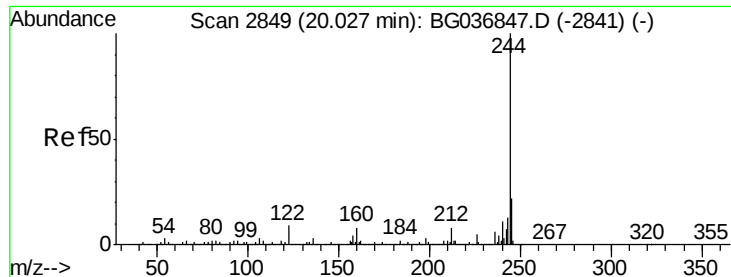
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.02 min
 Lab File: BG037193.D
 Acq: 5 Oct 2018 17:05

Tgt Ion:240 Resp: 280634
 Ion Ratio Lower Upper
 240 100
 120 9.0 6.9 10.3
 236 25.5 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





#78

Terphenyl-d14

Concen: 64.176 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Instrument :

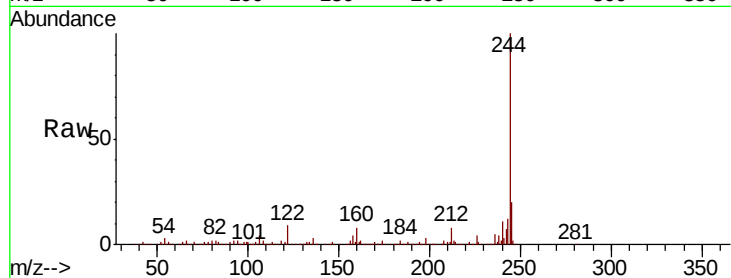
BNA_G

ClientSampleId :

PB113546BL

Tot Ion:244 Resp: 684923

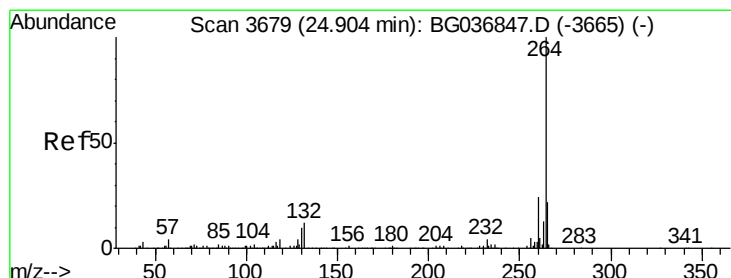
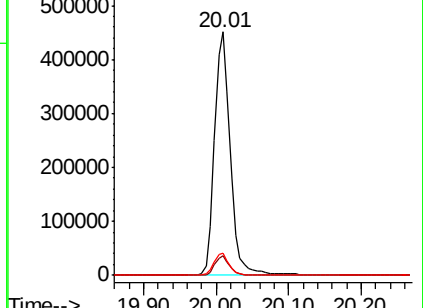
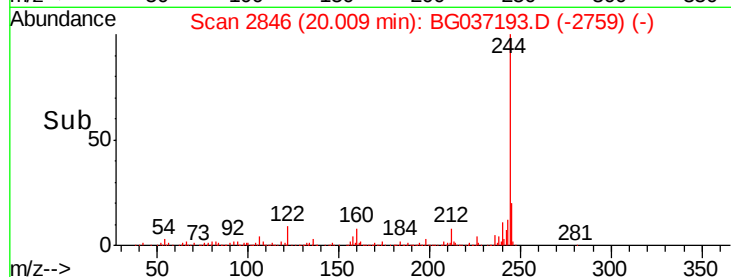
Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.0	10.6
122	9.1	7.1	10.7



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: 24.86 min Scan# 3672

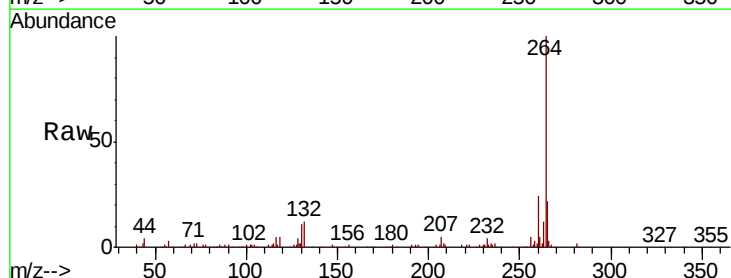
Delta R.T. -0.04 min

Lab File: BG037193.D

Acq: 5 Oct 2018 17:05

Tgt Ion:264 Resp: 268292

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.7	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

