

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG092518\
 Data File : BG036950.D
 Acq On : 25 Sep 2018 15:44
 Operator : JU/SJ
 Sample : PB113177BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

Quant Time: Sep 26 01:39:27 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

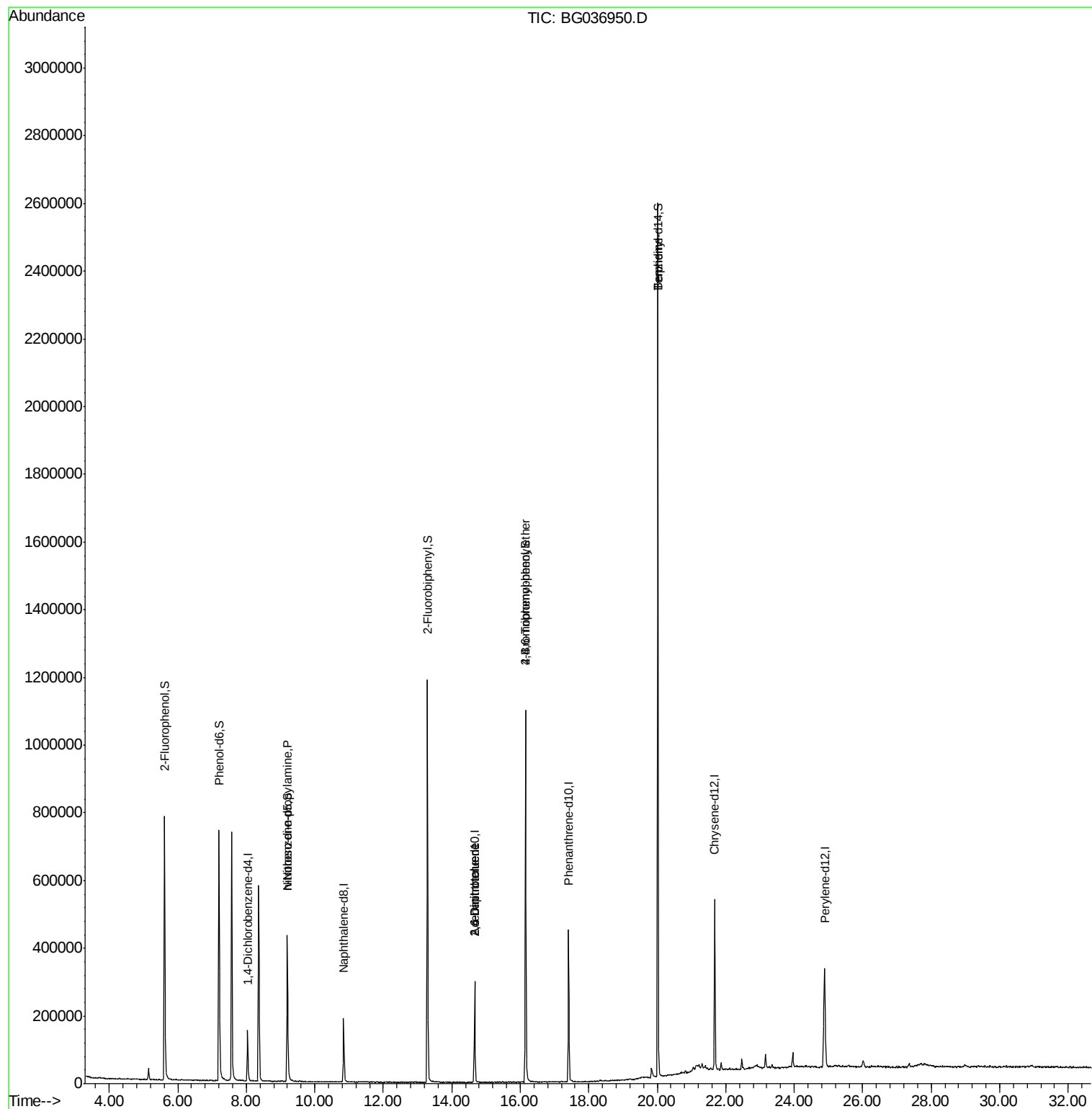
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	45994	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	177194	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	114564	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	310038	20.00	ng	0.00
75) Chrysene-d12	21.68	240	325842	20.00	ng	-0.01
86) Perylene-d12	24.88	264	323502	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	347732	144.99	ng	0.00
7) Phenol-d6	7.20	99	479302	129.17	ng	-0.01
23) Nitrobenzene-d5	9.20	82	302453	91.41	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	216400	157.88	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	674579	87.70	ng	-0.01
78) Terphenyl-d14	20.02	244	1230969	99.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	39919	12.932	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	14340	7.127	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	14340	5.108	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	15512	4.399	ng	# 1
76) Benzidine	20.02	184	21821	2.215	ng	# 93

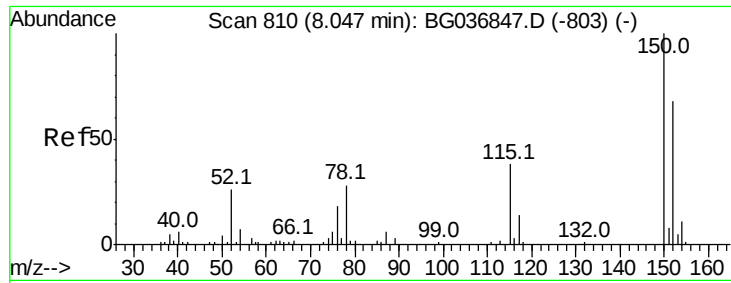
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG092518\
Data File : BG036950.D
Acq On : 25 Sep 2018 15:44
Operator : JU/SJ
Sample : PB113177BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113177BL

Quant Time: Sep 26 01:39:27 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



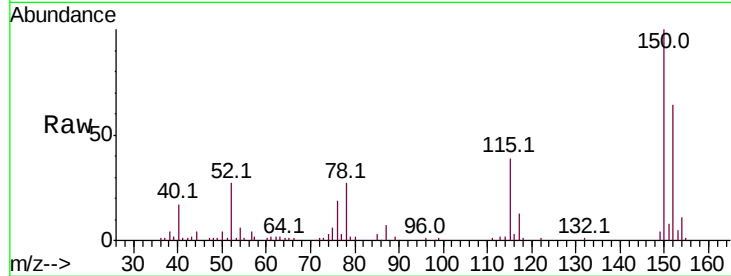


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	119.5	179.3
115	60.7	44.5	66.7

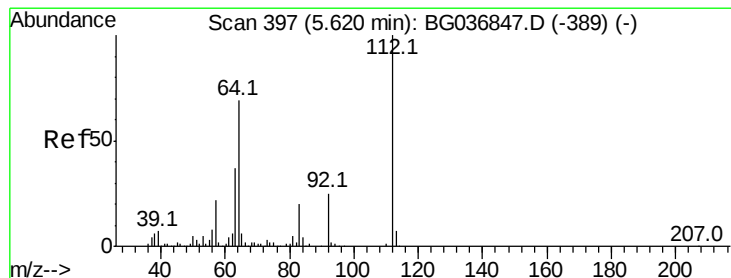
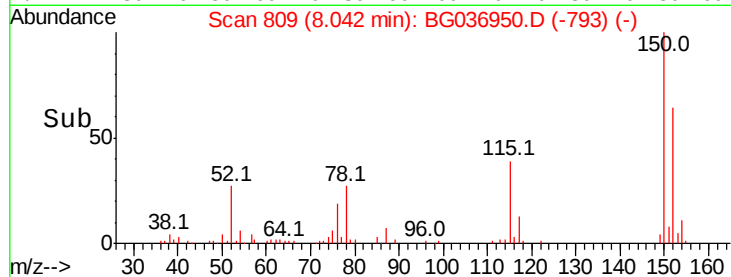
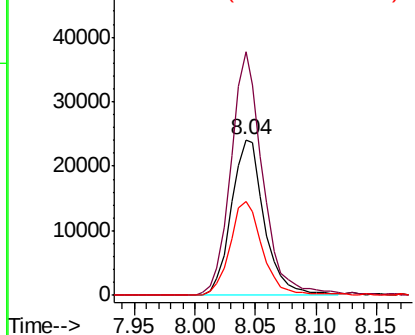


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

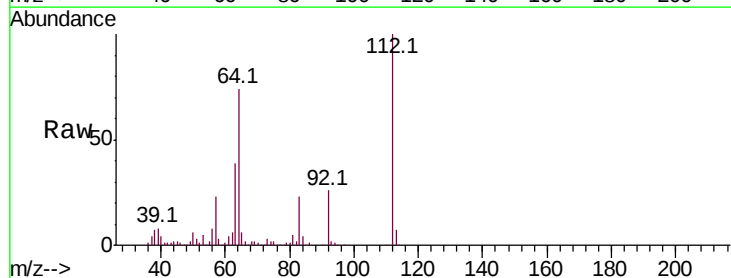
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 144.992 ng
 RT: 5.62 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.9	57.2	85.8
63	39.3	30.8	46.2

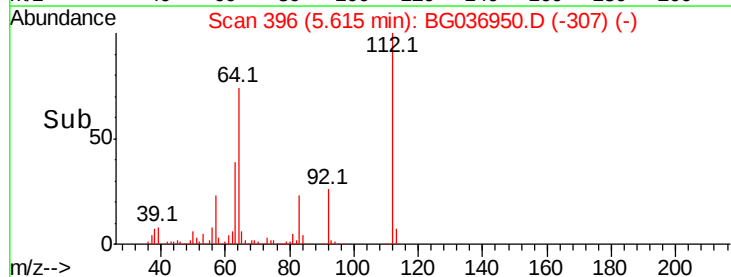
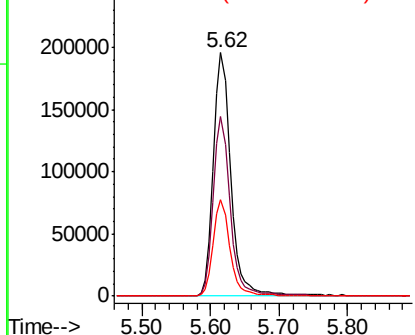


Abundance

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: 129.172 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

Instrument :

BNA_G

ClientSampleId :

PB113177BL

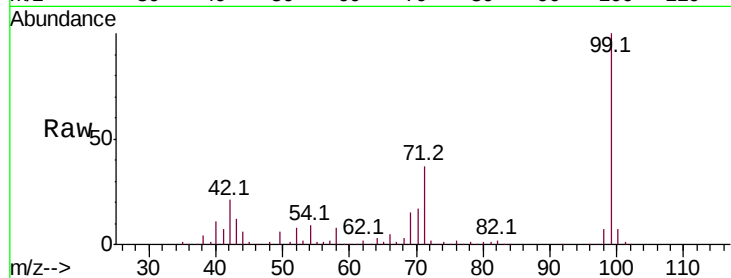
Tot Ion: 99 Resp: 479302

Ion Ratio Lower Upper

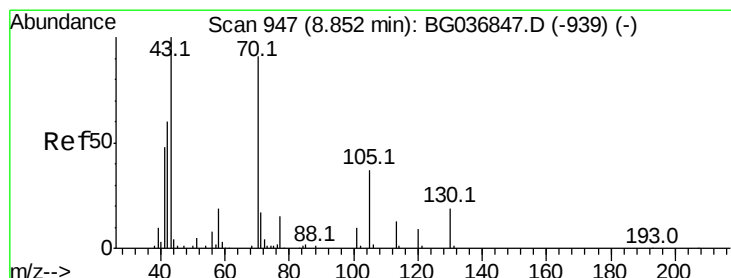
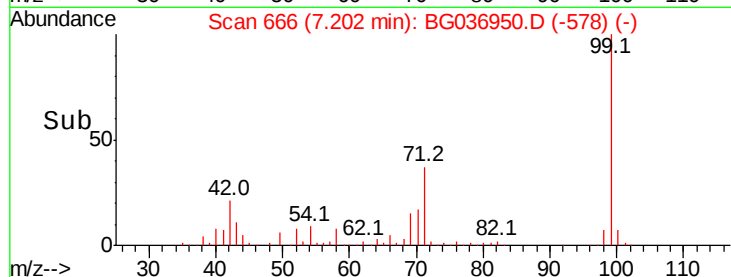
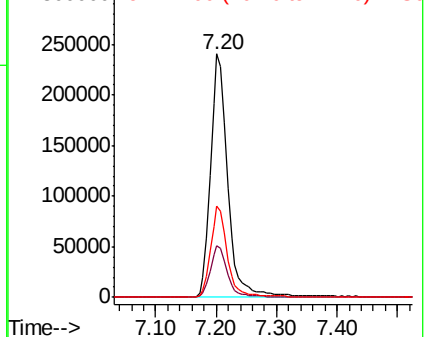
99 100

42 21.3 16.5 24.7

71 37.3 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: 12.932 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.35 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

Tgt Ion: 70 Resp: 39919

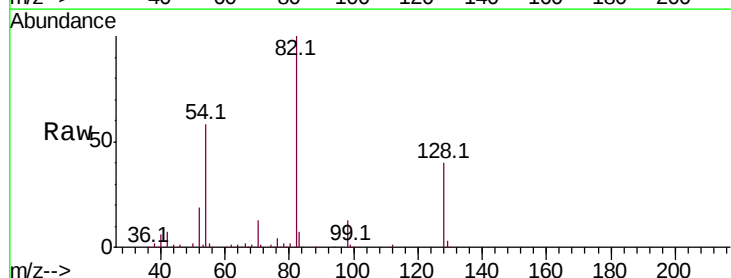
Ion Ratio Lower Upper

70 100

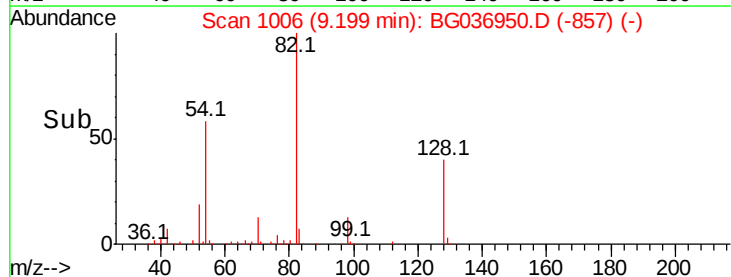
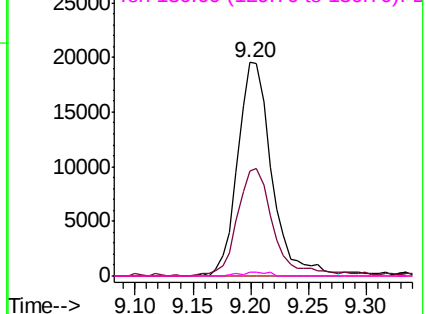
42 49.4 56.2 84.4#

101 0.0 7.8 11.6#

130 1.5 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: BG036950.D

Acq: 25 Sep 2018 15:44

Instrument :

BNA_G

ClientSampleId :

PB113177BL

Tot Ion:136 Resp: 177194

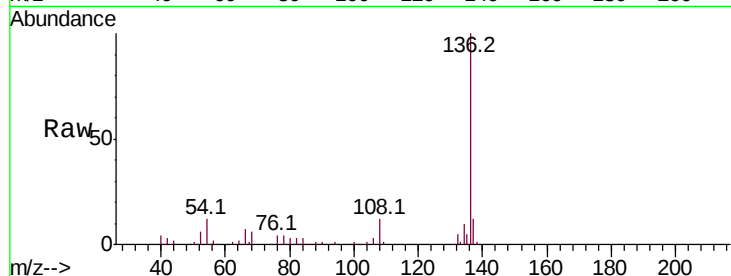
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 11.9 9.2 13.8

68 6.3 5.8 8.6

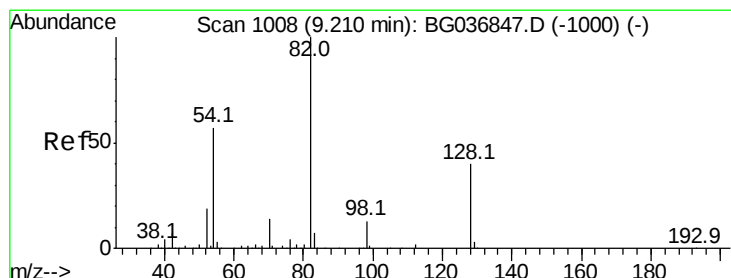
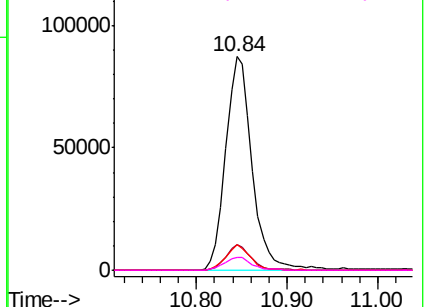
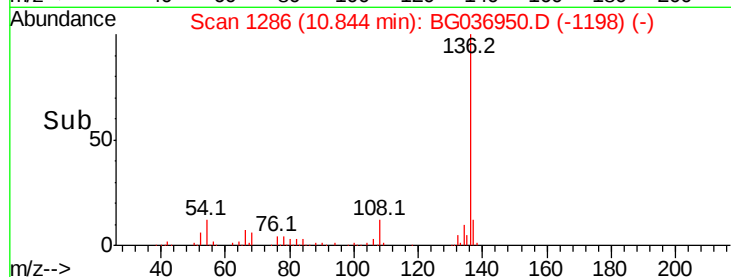


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.406 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

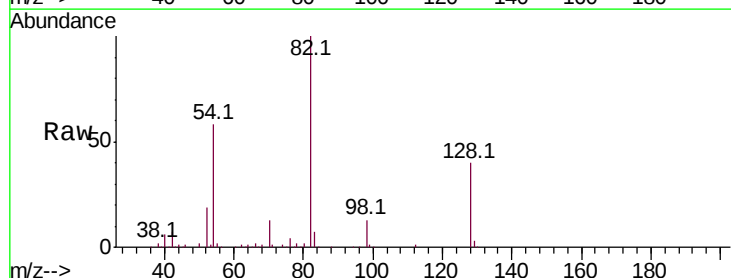
Tgt Ion: 82 Resp: 302453

Ion Ratio Lower Upper

82 100

128 39.7 33.3 49.9

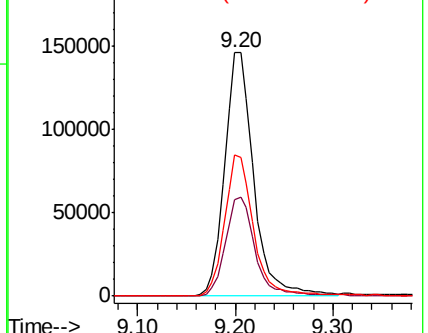
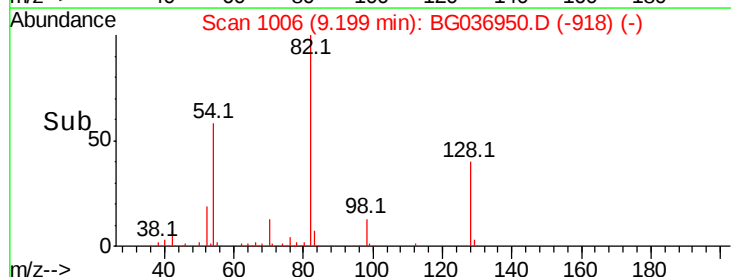
54 57.8 45.1 67.7

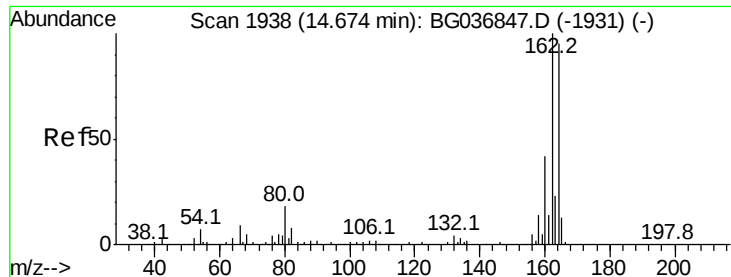


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

Instrument :

BNA_G

ClientSampleId :

PB113177BL

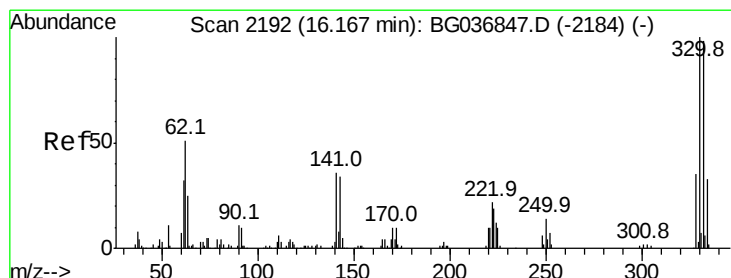
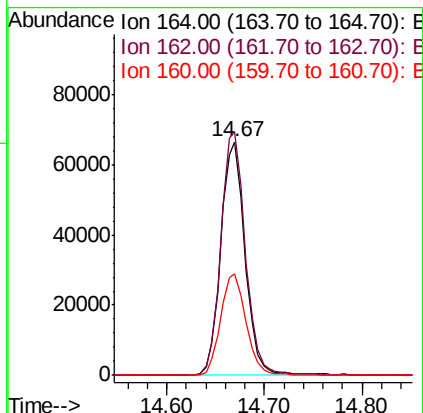
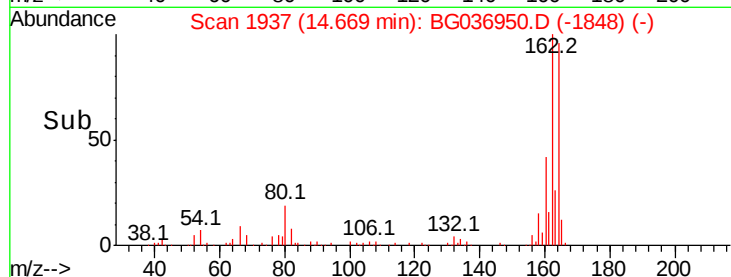
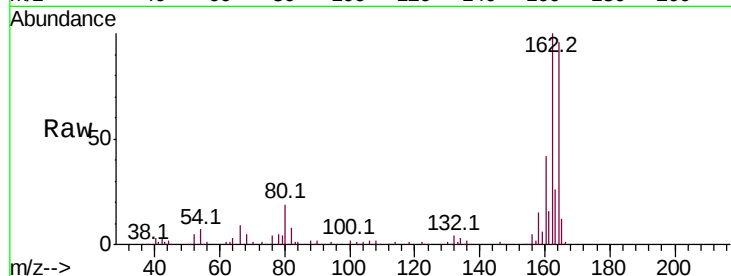
Tot Ion:164 Resp: 114564

Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

160 43.6 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 157.877 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

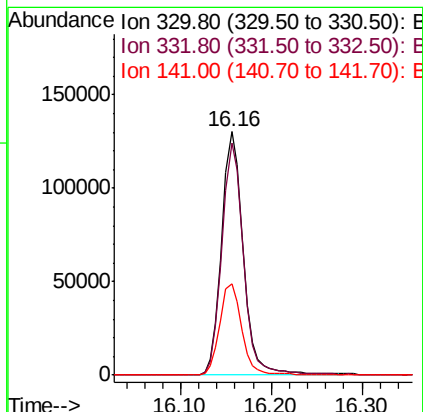
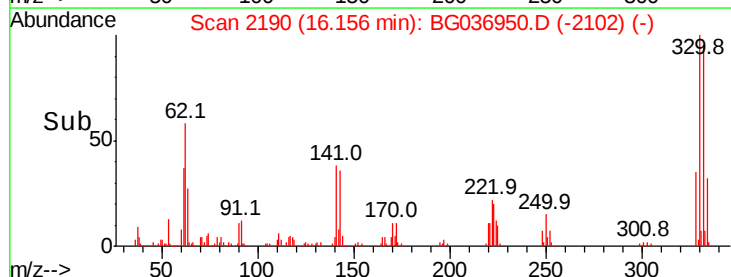
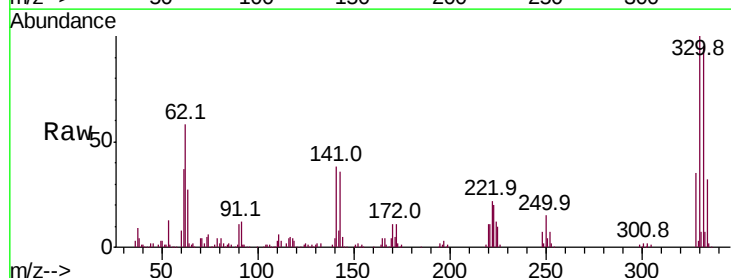
Tgt Ion:330 Resp: 216400

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.2

141 38.3 30.7 46.1

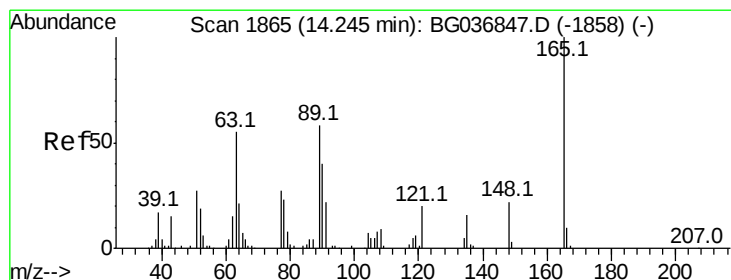
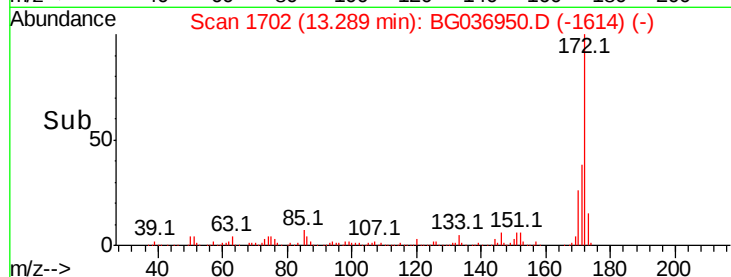
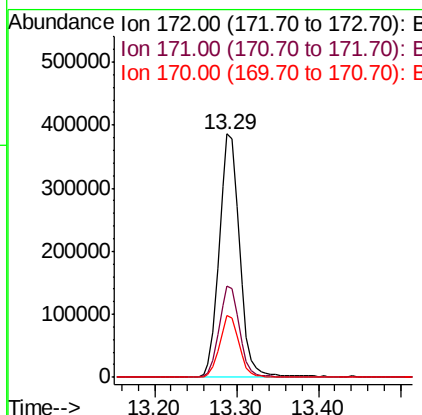
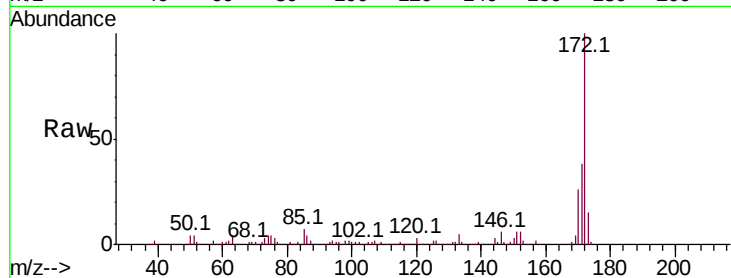




#44
 2-Fluorobiphenyl
 Concen: 87.699 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

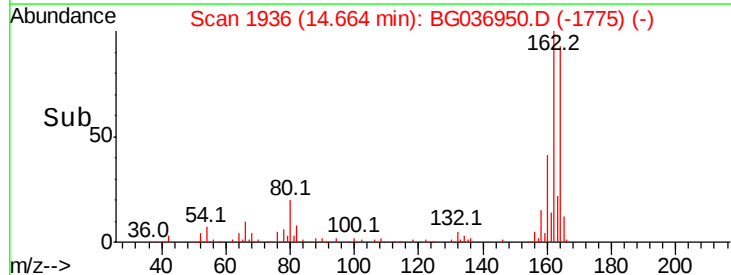
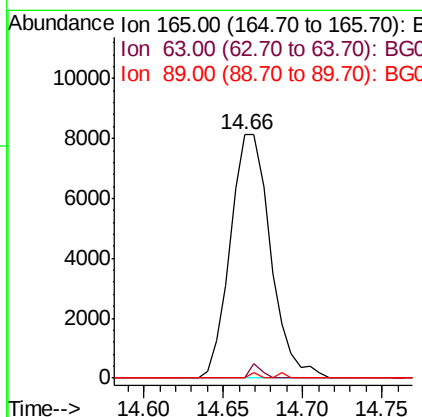
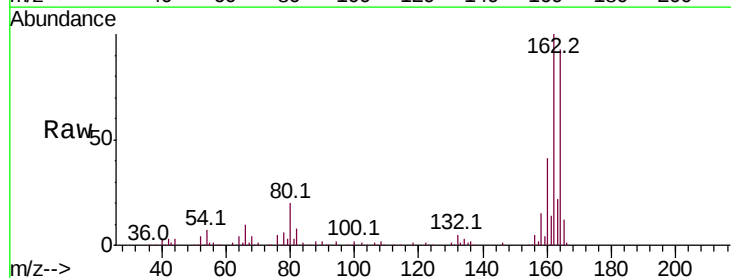
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

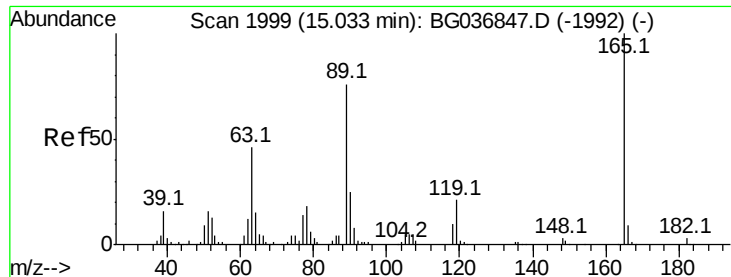
Tot Ion:172 Resp: 674579
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 25.6 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.127 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.42 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Tgt Ion:165 Resp: 14340
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

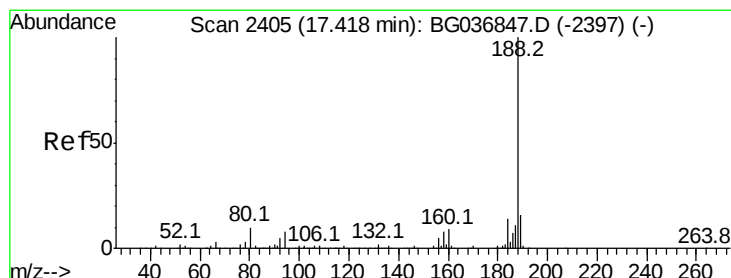
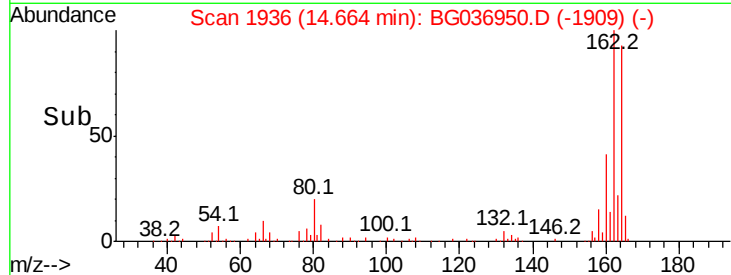
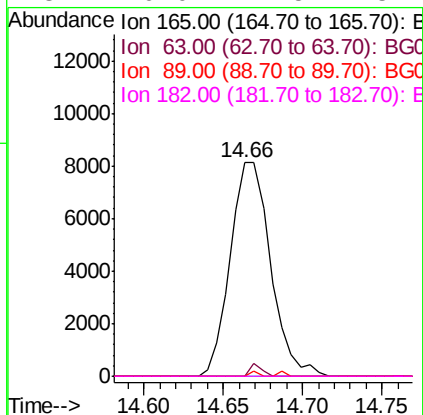
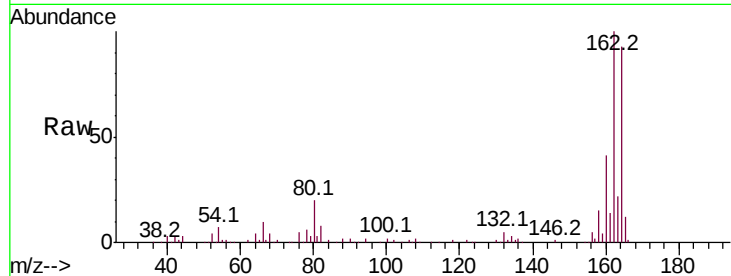




#56
 2,4-Dinitrotoluene
 Concen: 5.108 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

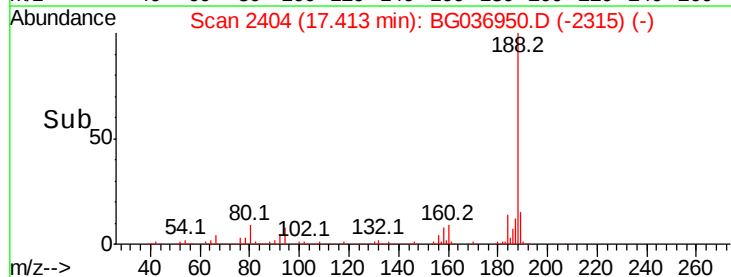
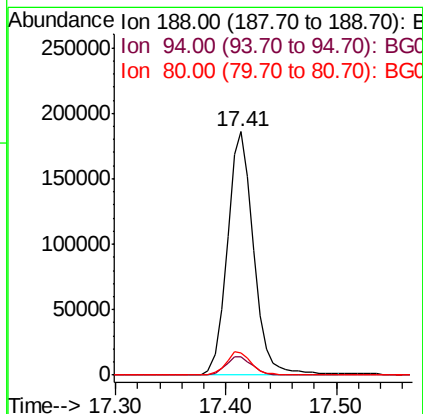
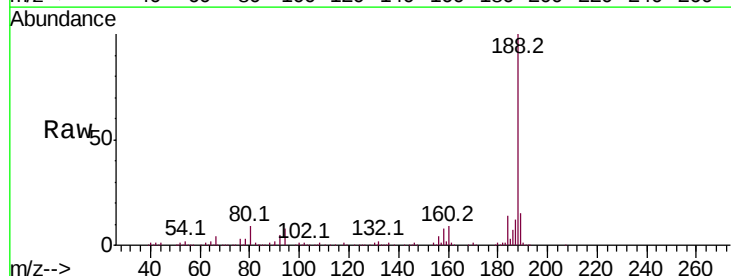
Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

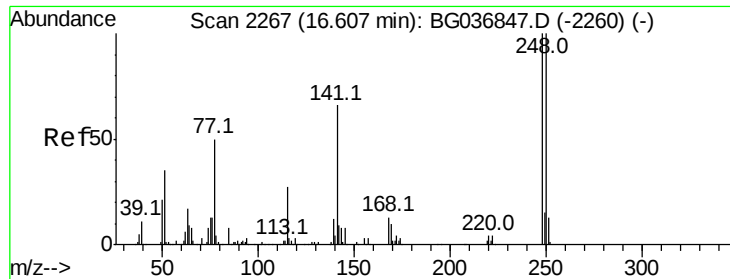
Tot Ion:165 Resp: 14340
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.1 60.1#
 89 0.0 63.7 95.5#
 182 0.0 2.5 3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.00 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Tgt Ion:188 Resp: 310038
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.7 10.1
 80 9.3 8.1 12.1

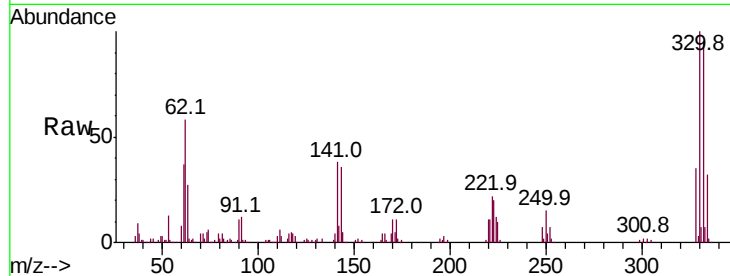




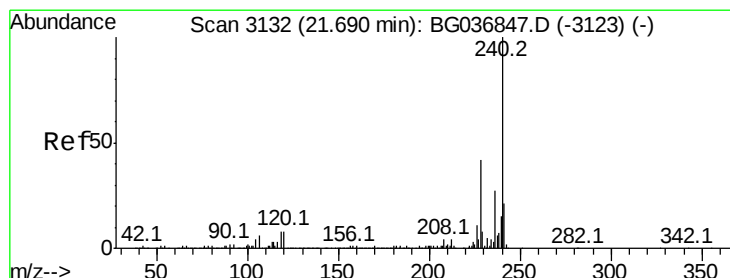
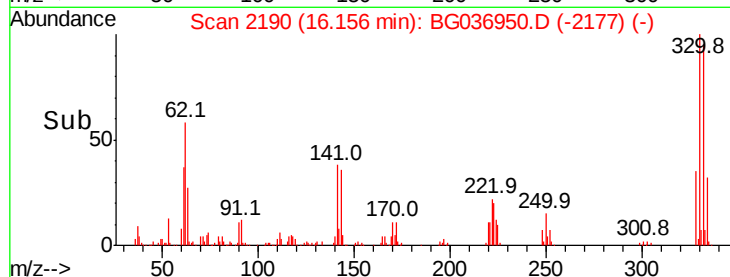
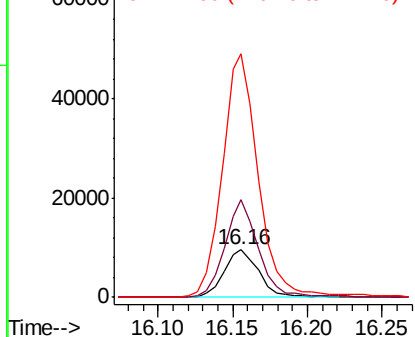
#66
4-Bromophenyl-phenylether
Concen: 4.399 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

Instrument :
BNA_G
ClientSampleId :
PB113177BL

Tot Ion:248 Resp: 15512
Ion Ratio Lower Upper
248 100
250 203.4 78.1 117.1#
141 509.9 53.7 80.5#

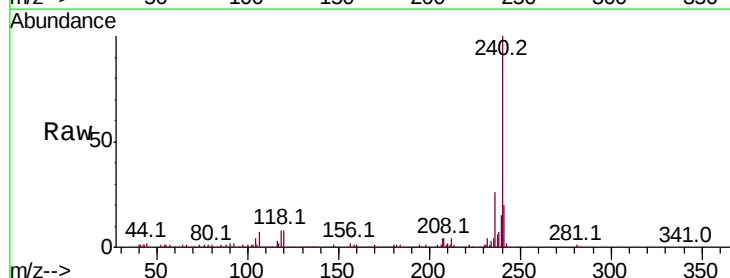


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

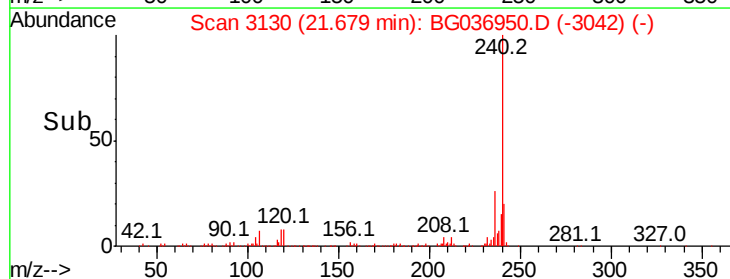
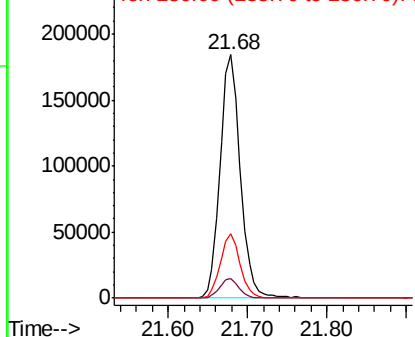


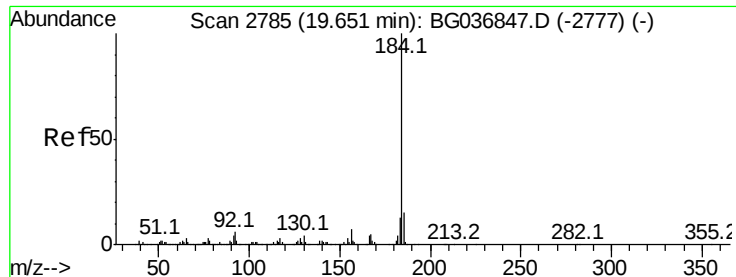
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036950.D
Acq: 25 Sep 2018 15:44

Tgt Ion:240 Resp: 325842
Ion Ratio Lower Upper
240 100
120 8.0 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: 2.215 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

Instrument :

BNA_G

ClientSampleId :

PB113177BL

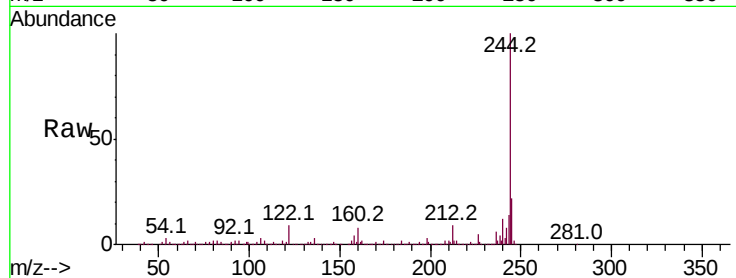
Tot Ion:184 Resp: 21821

Ion Ratio Lower Upper

184 100

185 17.6 12.6 18.8

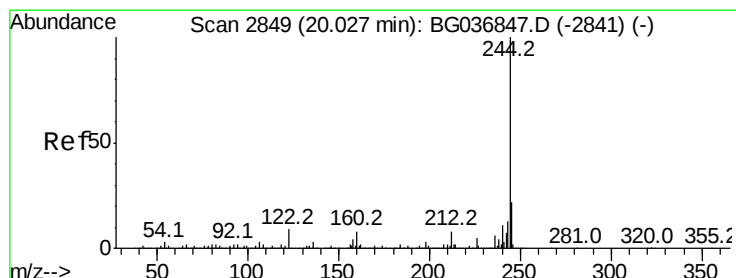
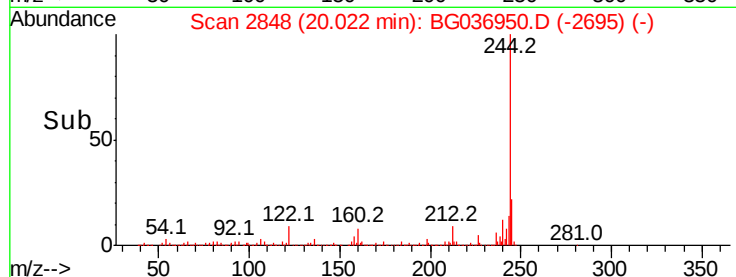
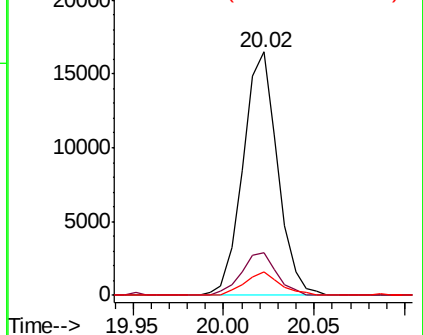
183 9.7 10.9 16.3#



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: 99.337 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036950.D

Acq: 25 Sep 2018 15:44

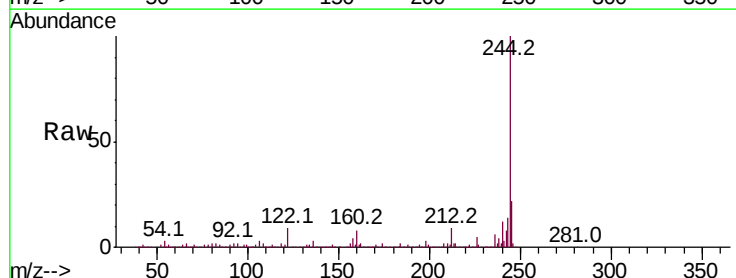
Tgt Ion:244 Resp: 1230969

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

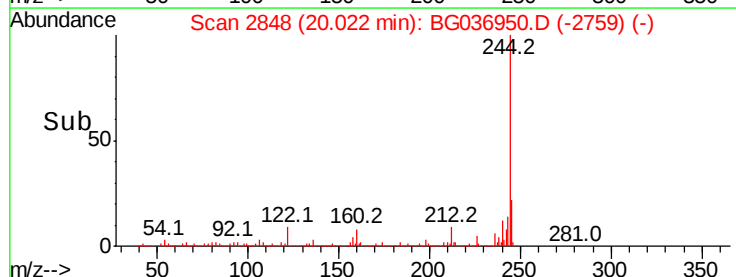
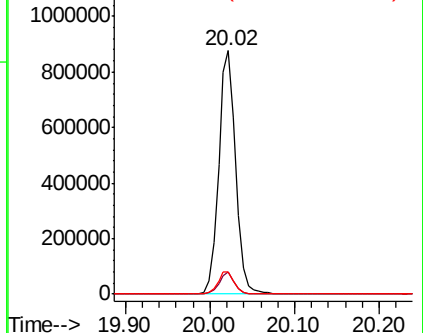
122 8.9 7.1 10.7

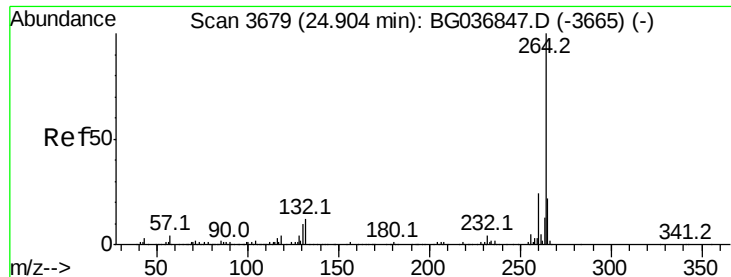


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036950.D
 Acq: 25 Sep 2018 15:44

Instrument :
 BNA_G
 ClientSampleId :
 PB113177BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.5	17.4	26.0

