

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
 Data File : BG035621.D
 Acq On : 13 Jul 2018 8:51
 Operator : JU/SJ
 Sample : PB111045BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111045BL

Quant Time: Jul 13 11:12:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

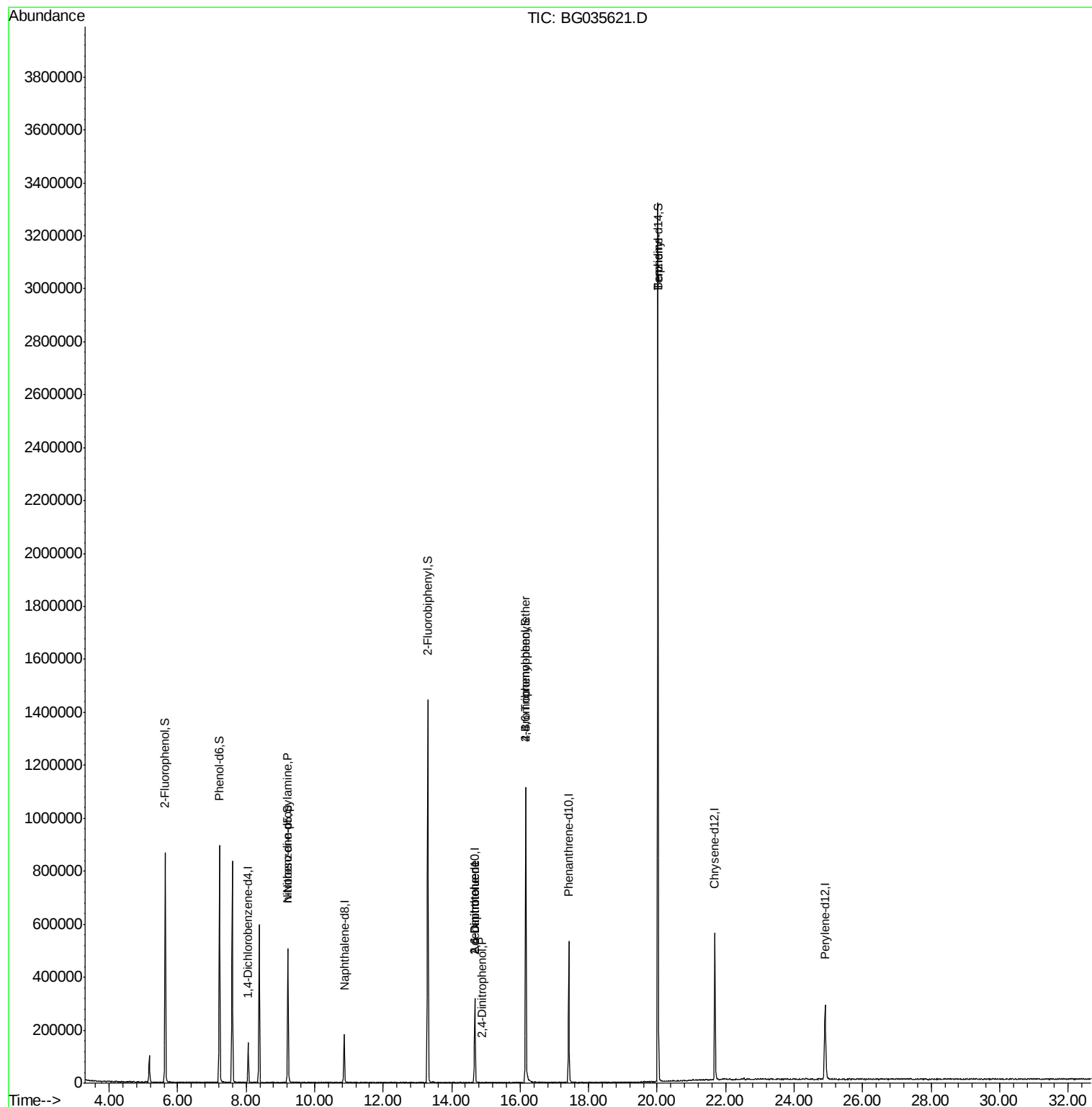
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	40801	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	159844	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	113177	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	321166	20.00	ng	0.00
75) Chrysene-d12	21.68	240	356330	20.00	ng	0.00
86) Perylene-d12	24.90	264	323720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	356706	145.15	ng	0.00
7) Phenol-d6	7.22	99	521472	142.22	ng	0.00
23) Nitrobenzene-d5	9.22	82	336738	88.01	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	213382	143.04	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	770783	91.24	ng	0.00
78) Terphenyl-d14	20.03	244	1513279	93.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46723	15.132	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	15276	7.565	ng	# 22
53) 2,4-Dinitrophenol	14.90	184	59	6.634	ng	# 1
56) 2,4-Dinitrotoluene	14.67	165	15276	5.273	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	16712	4.485	ng	# 1
76) Benzidine	20.03	184	25783	2.752	ng	# 93

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071218\
Data File : BG035621.D
Acq On : 13 Jul 2018 8:51
Operator : JU/SJ
Sample : PB111045BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111045BL

Quant Time: Jul 13 11:12:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



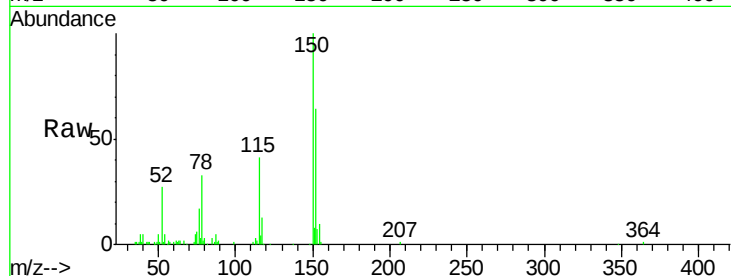


#1

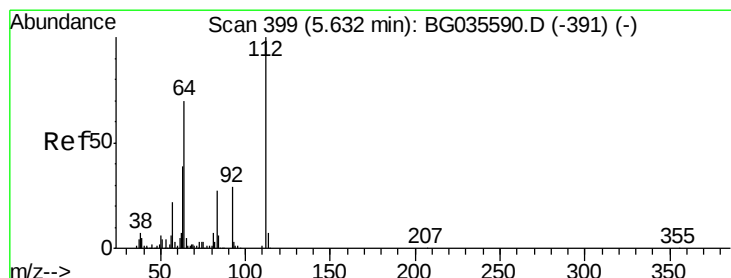
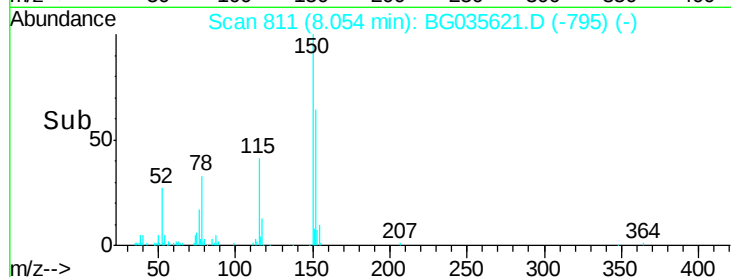
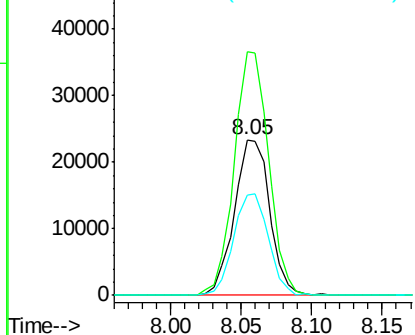
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

Instrument :
BNA_G
ClientSampleId :
PB111045BL

Tgt Ion:152 Resp: 40801
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 64.5 53.0 79.4



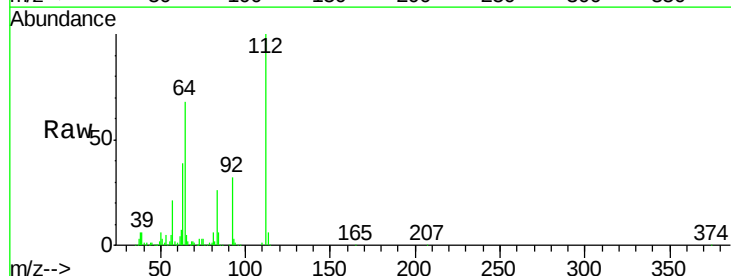
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



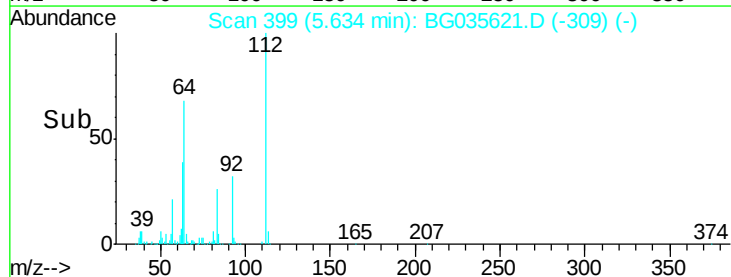
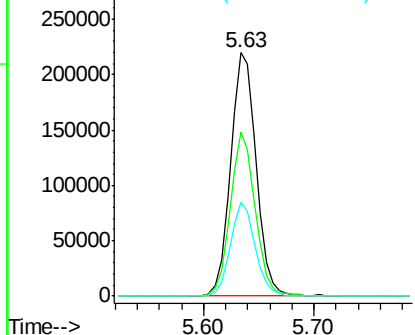
#5

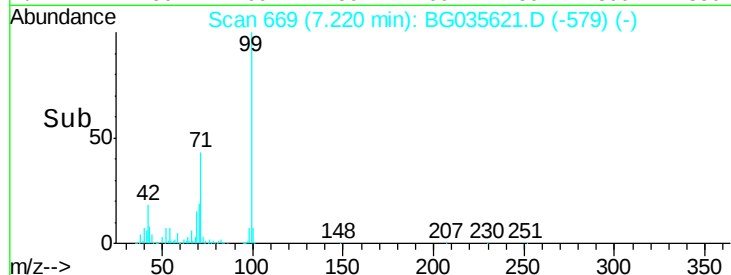
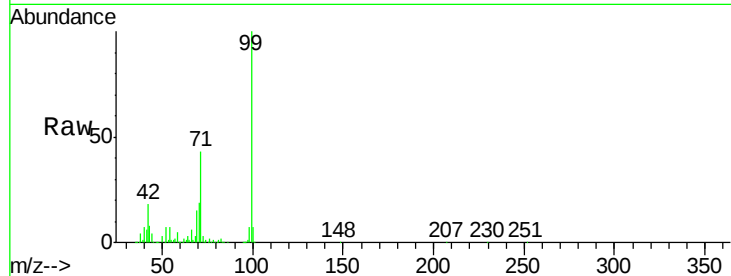
2-Fluorophenol
Concen: 145.147 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

Tgt Ion:112 Resp: 356706
Ion Ratio Lower Upper
112 100
64 67.7 56.3 84.5
63 38.6 30.1 45.1



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: 142.221 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

Instrument :

BNA_G

ClientSampleId :

PB111045BL

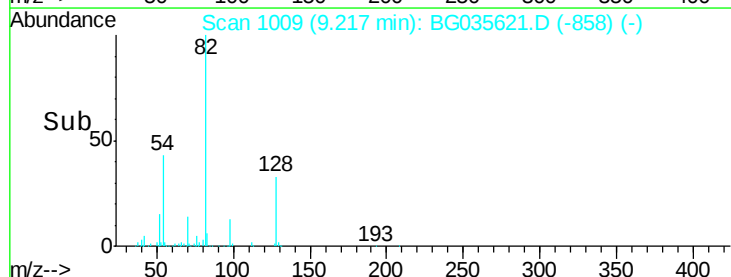
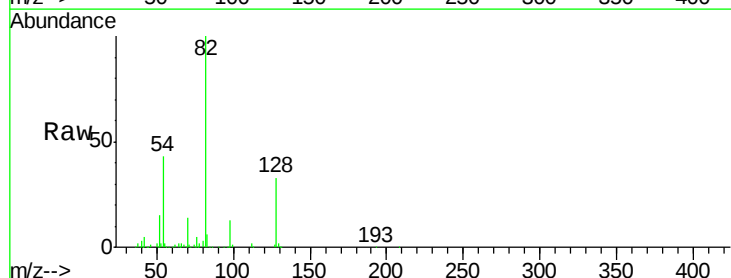
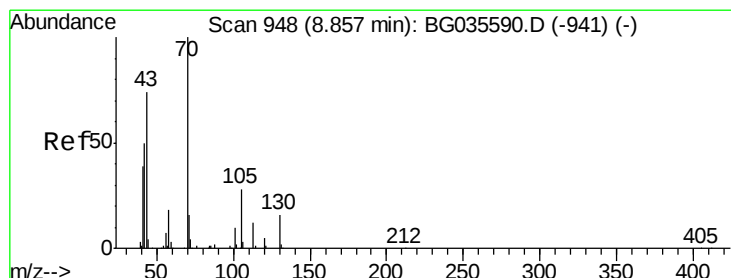
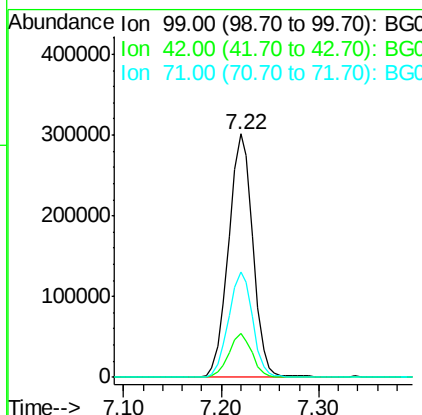
Tgt Ion: 99 Resp: 521472

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

71 43.2 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.132 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

Tgt Ion: 70 Resp: 46723

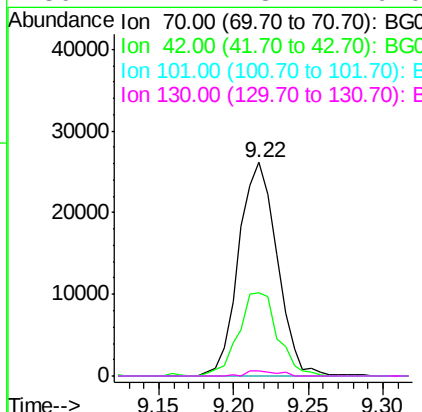
Ion Ratio Lower Upper

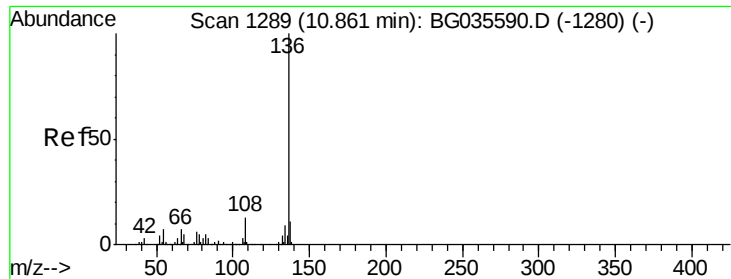
70 100

42 38.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.1 13.4 20.0#

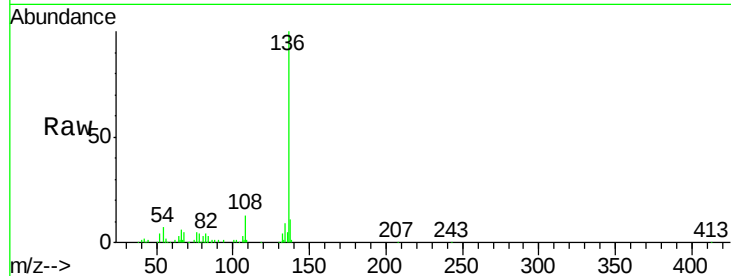




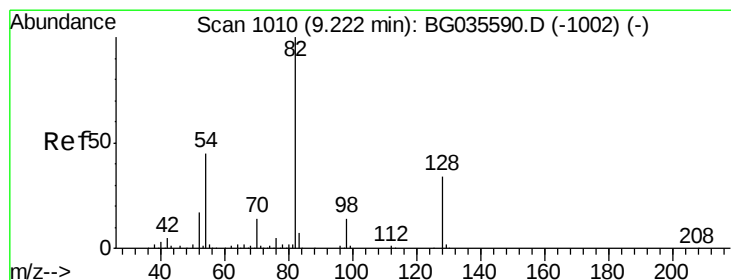
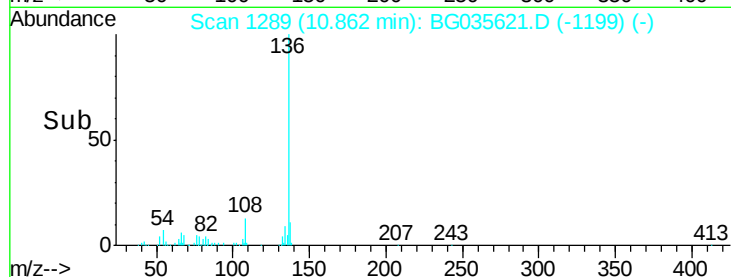
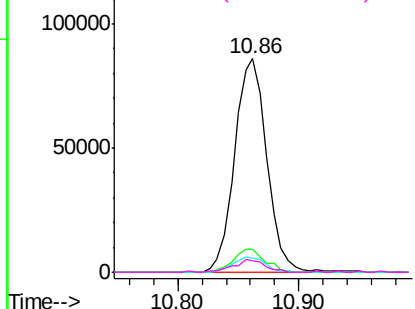
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

Instrument :
BNA_G
ClientSampleId :
PB111045BL

Tgt Ion:	136	Resp:	159844
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	6.7	10.3	15.5#
68	5.3	4.5	6.7

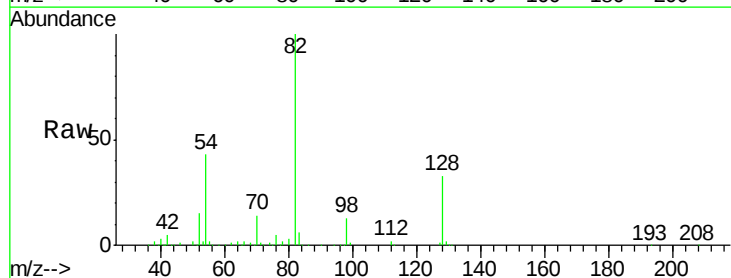


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

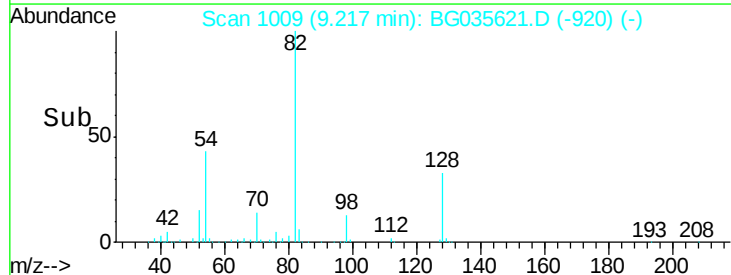
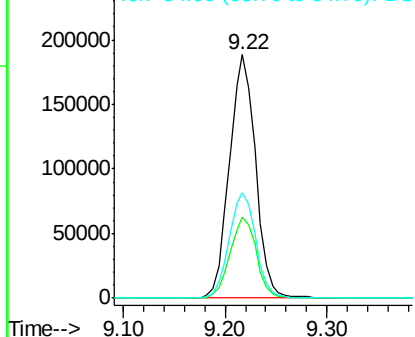


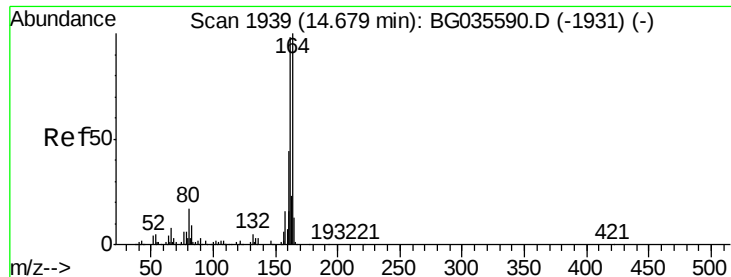
#23
Nitrobenzene-d5
Concen: 88.005 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

Tgt Ion:	82	Resp:	336738
Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	43.3	43.1	64.7



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# 1938

Delta R.T. -0.00 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

Instrument :

BNA_G

ClientSampleId :

PB111045BL

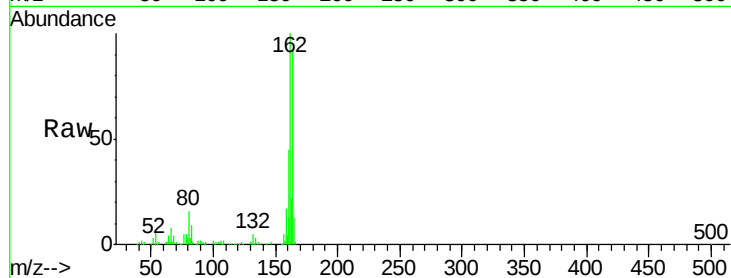
Tgt Ion:164 Resp: 113177

Ion Ratio Lower Upper

164 100

162 108.6 78.8 118.2

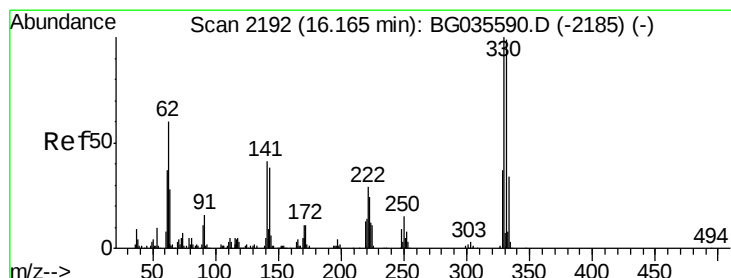
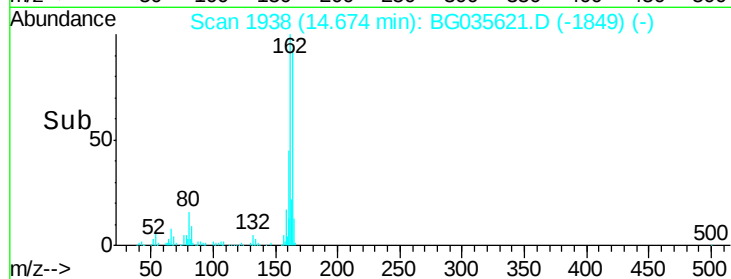
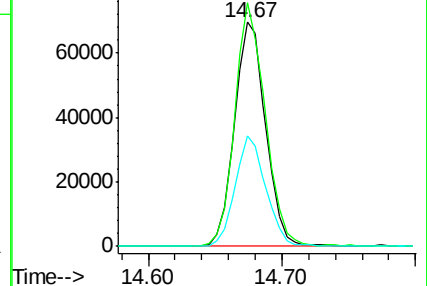
160 49.3 35.4 53.0



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: 143.042 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

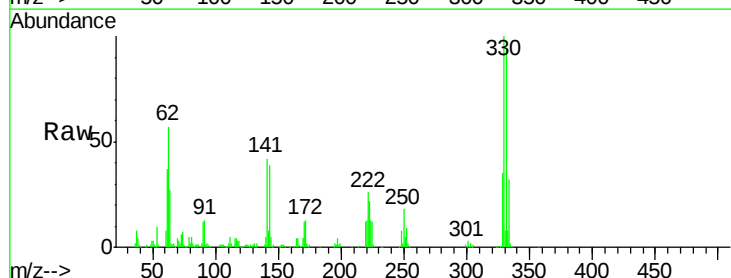
Tgt Ion:330 Resp: 213382

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

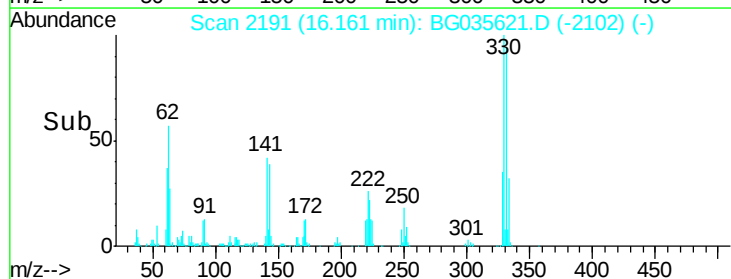
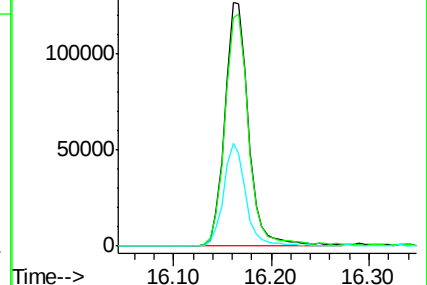
141 39.2 25.2 37.8#

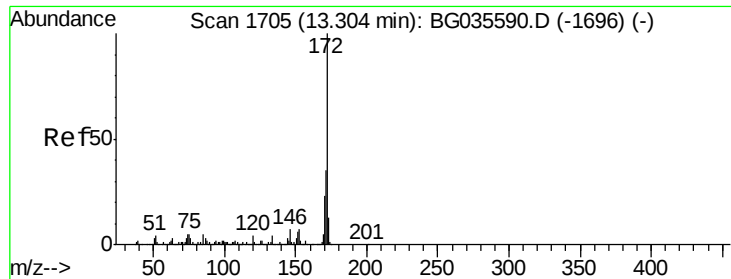


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

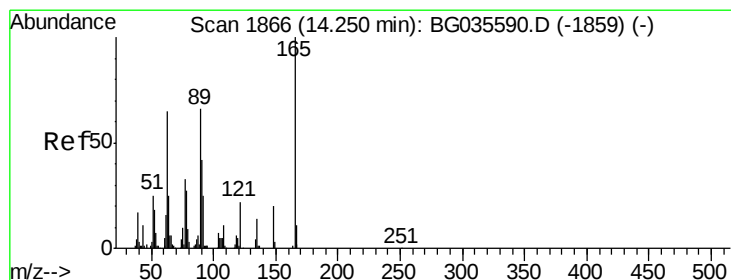
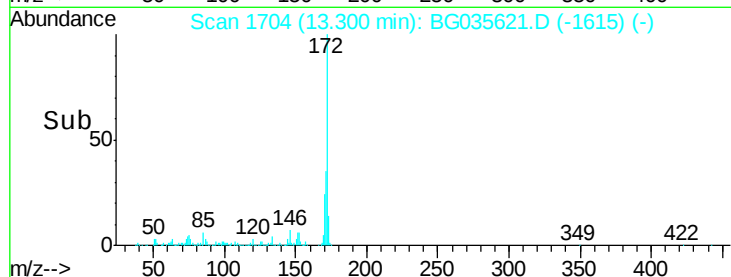
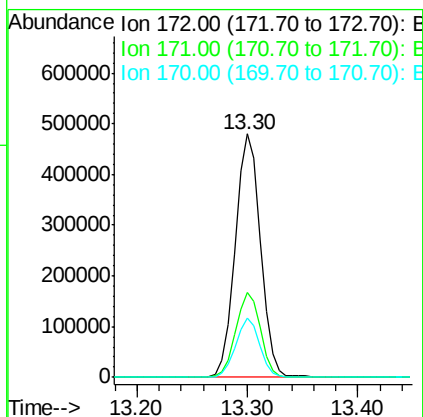
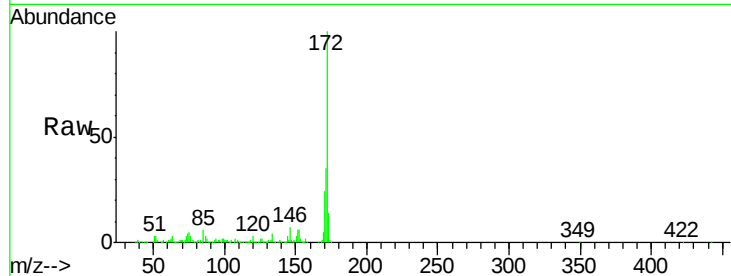




#44
 2-Fluorobiphenyl
 Concen: 91.242 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035621.D
 Acq: 13 Jul 2018 8:51

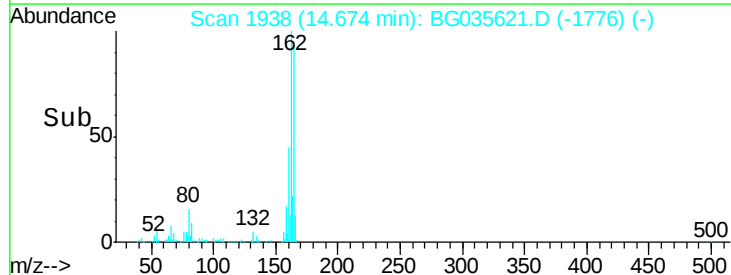
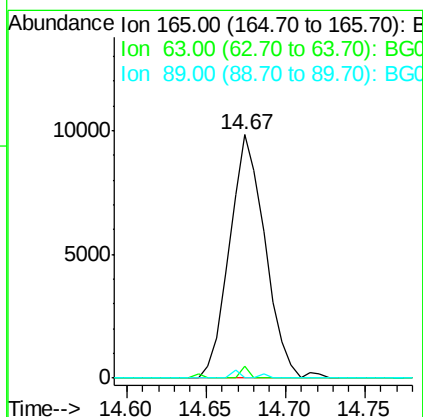
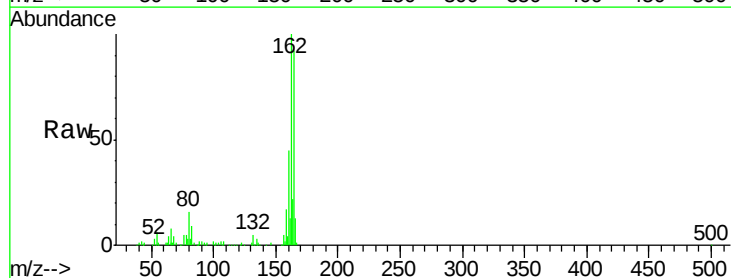
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BL

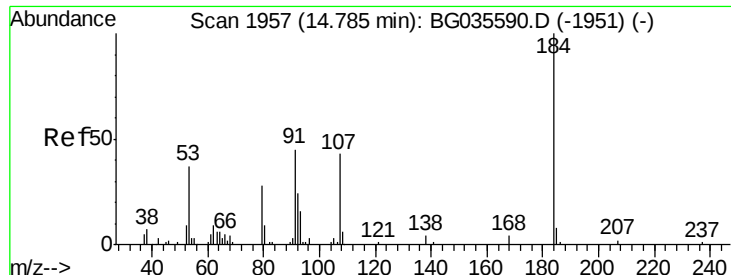
Tgt Ion:172 Resp: 770783
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 24.2 19.5 29.3



#50
 2,6-Dinitrotoluene
 Concen: 7.565 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG035621.D
 Acq: 13 Jul 2018 8:51

Tgt Ion:165 Resp: 15276
 Ion Ratio Lower Upper
 165 100
 63 4.9 52.7 79.1#
 89 0.0 49.2 73.8#

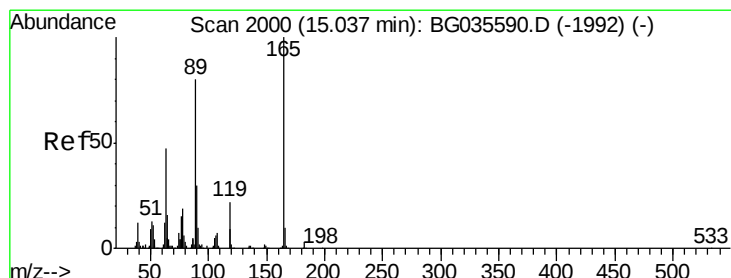
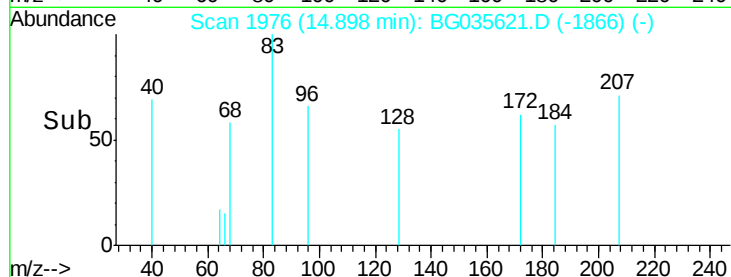
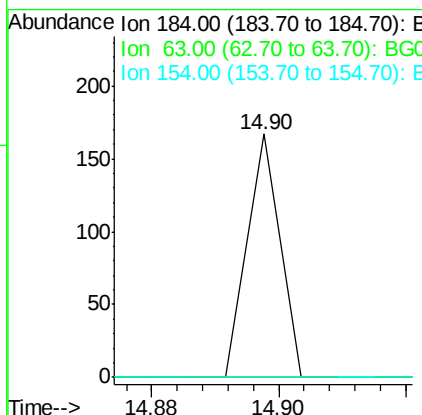
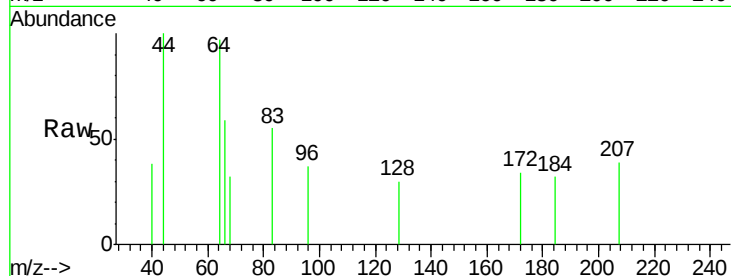




#53
2,4-Dinitrophenol
Concen: 6.634 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.11 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

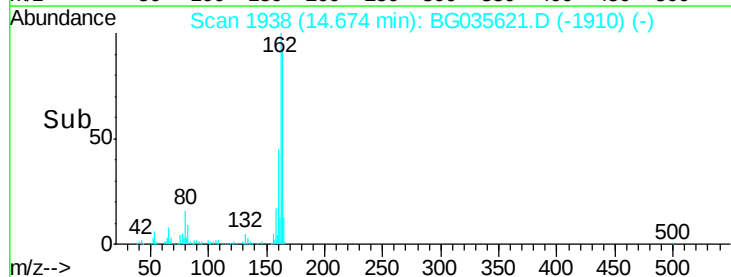
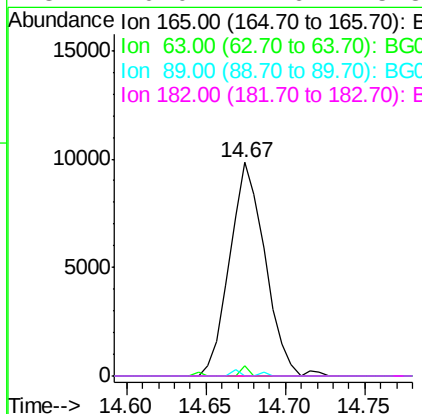
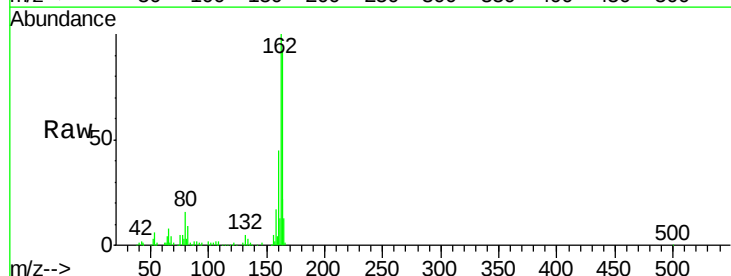
Instrument :
BNA_G
ClientSampleId :
PB111045BL

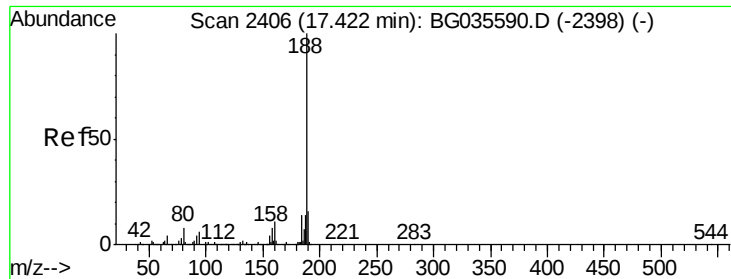
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



#56
2,4-Dinitrotoluene
Concen: 5.273 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

Tgt Ion:165 Resp: 15276
Ion Ratio Lower Upper
165 100
63 4.9 42.0 63.0#
89 0.0 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

Instrument :

BNA_G

ClientSampleId :

PB111045BL

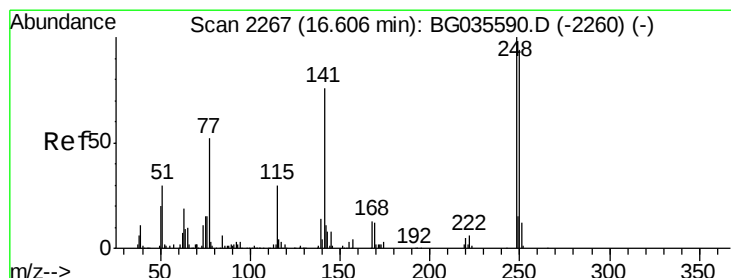
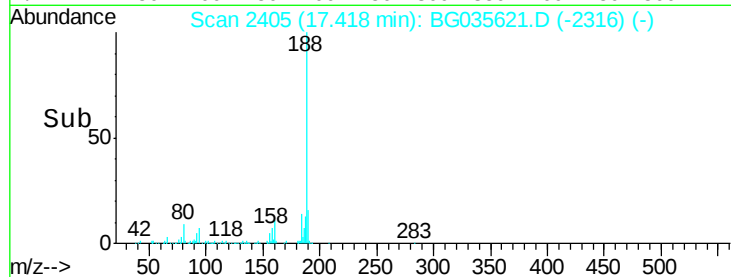
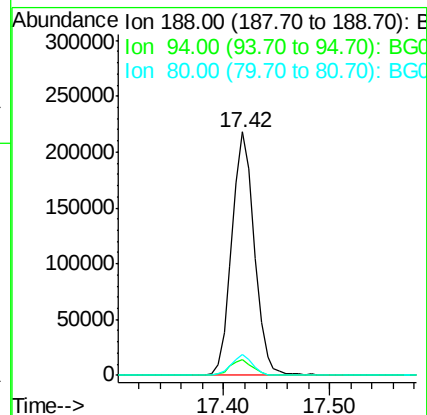
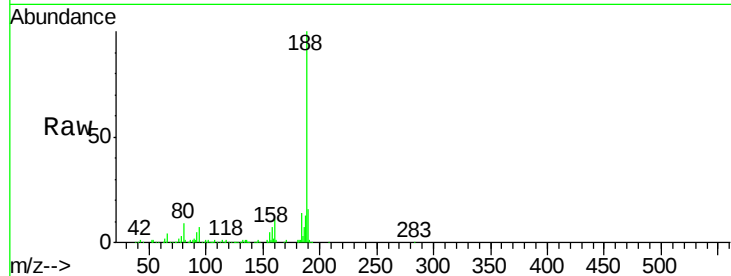
Tgt Ion:188 Resp: 321166

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

80 8.7 7.7 11.5



#66

4-Bromophenyl-phenylether

Concen: 4.485 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.45 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

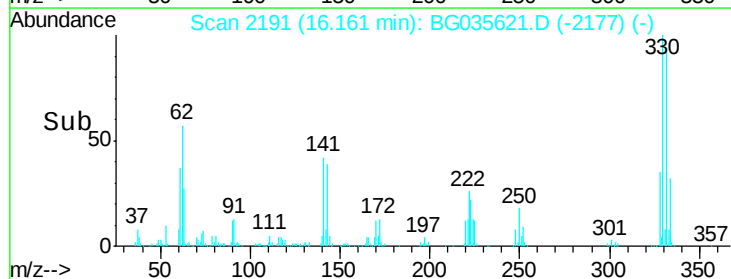
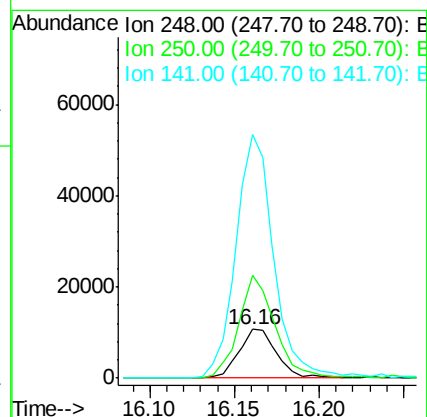
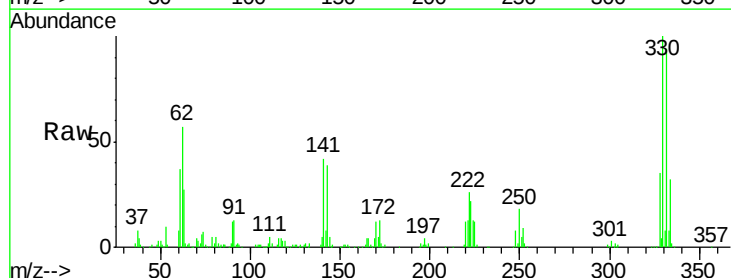
Tgt Ion:248 Resp: 16712

Ion Ratio Lower Upper

248 100

250 211.2 77.1 115.7#

141 500.8 50.8 76.2#

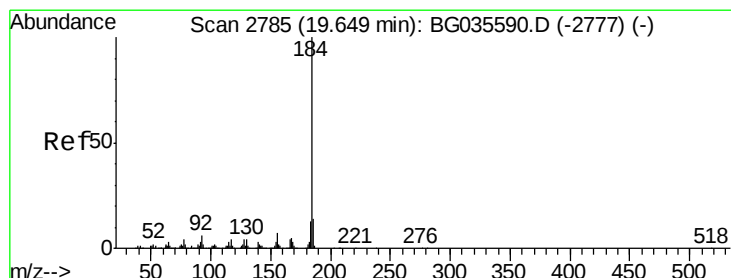
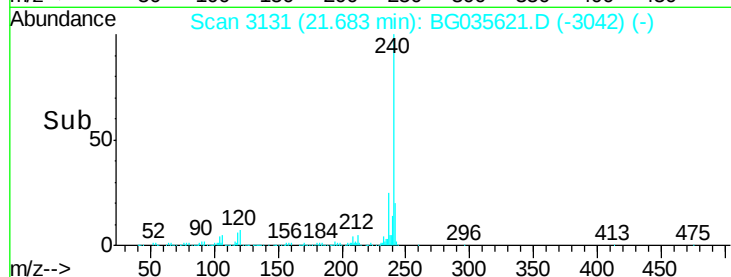
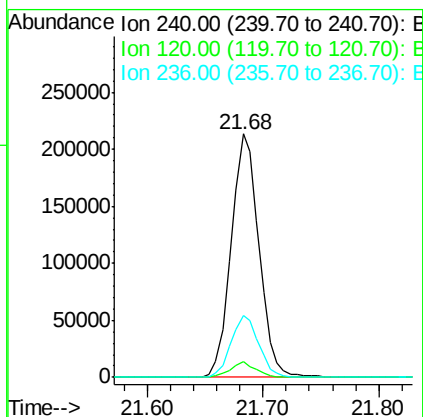
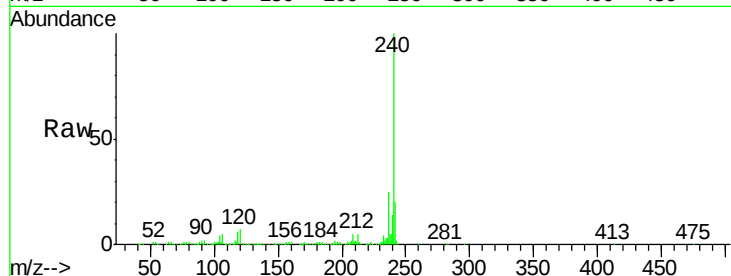




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

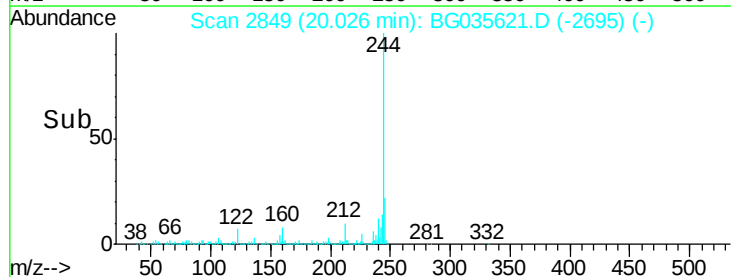
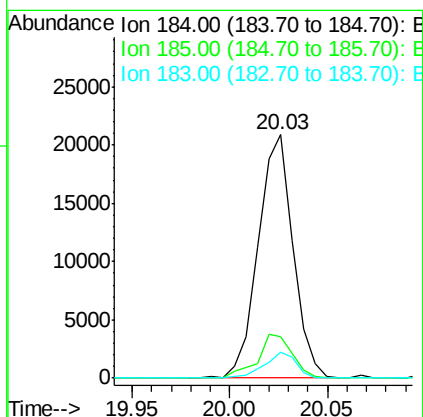
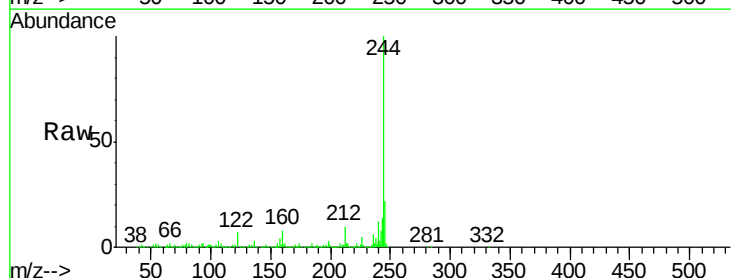
Instrument :
BNA_G
ClientSampleId :
PB111045BL

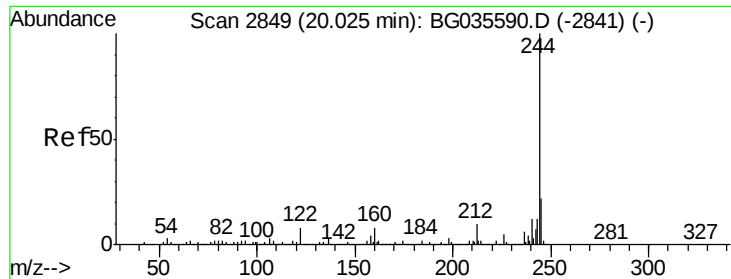
Tgt Ion:240 Resp: 356330
Ion Ratio Lower Upper
240 100
120 6.6 6.8 10.2#
236 25.3 20.9 31.3



#76
Benzidine
Concen: 2.752 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.38 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

Tgt Ion:184 Resp: 25783
Ion Ratio Lower Upper
184 100
185 17.0 11.1 16.7#
183 10.8 10.6 16.0





#78

Terphenyl-d14

Concen: 93.613 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

Instrument :

BNA_G

ClientSampleId :

PB111045BL

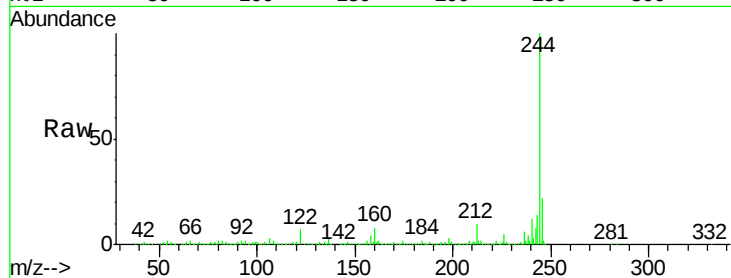
Tgt Ion:244 Resp: 1513279

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

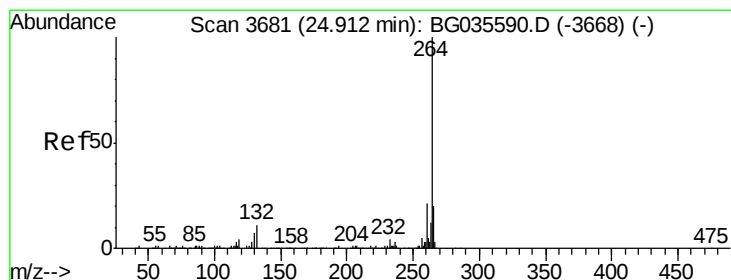
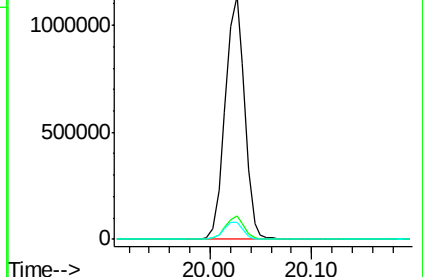
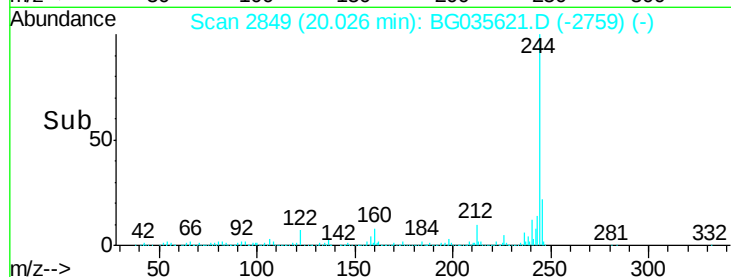
122 7.3 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035621.D

Acq: 13 Jul 2018 8:51

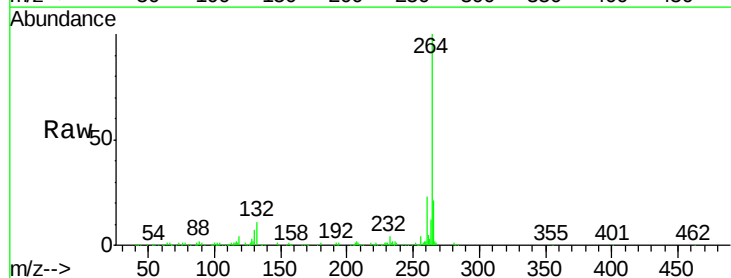
Tgt Ion:264 Resp: 323720

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.0 17.7 26.5



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

