

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 12:02:25 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

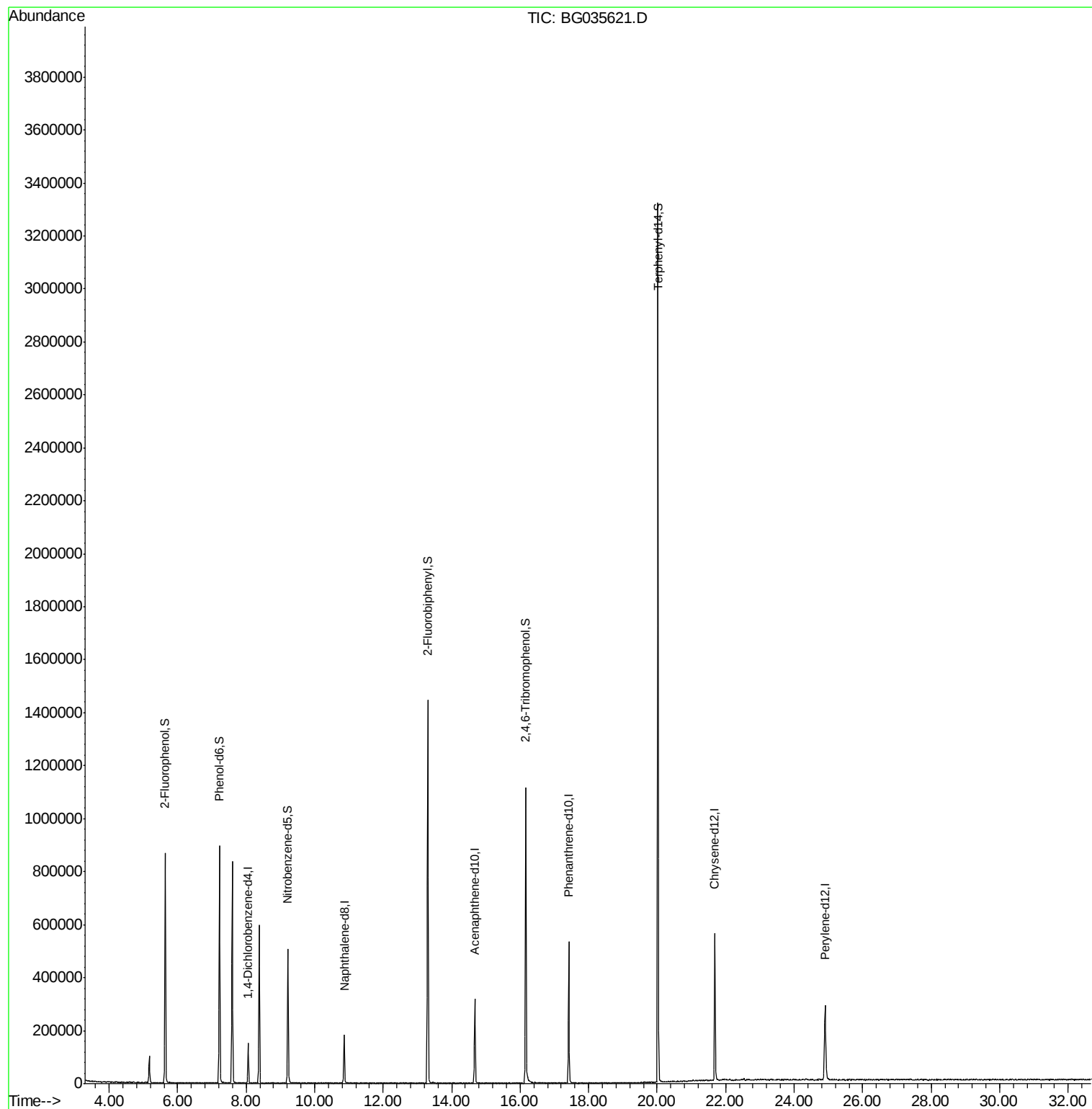
Target Compounds Qvalue

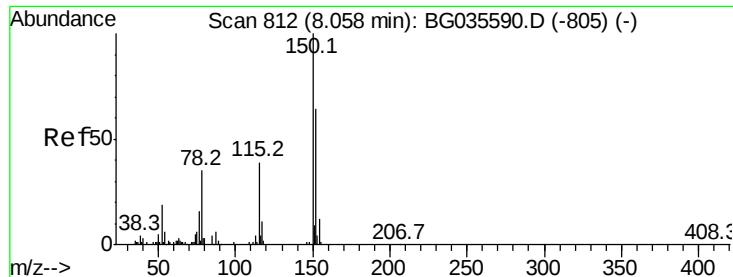
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 12:02:25 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



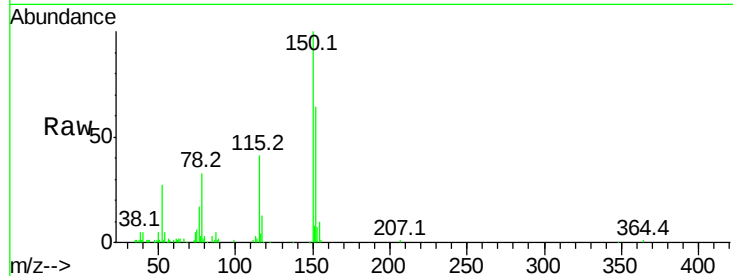


#1

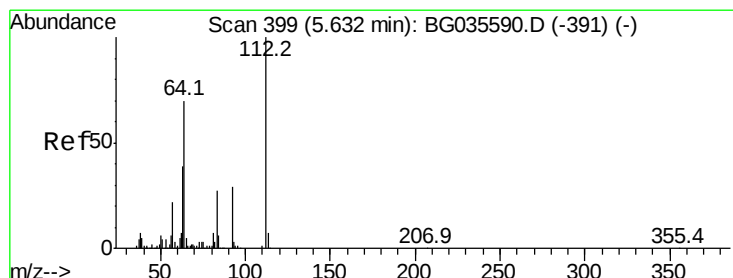
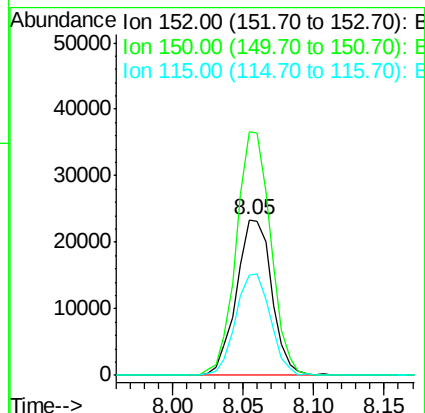
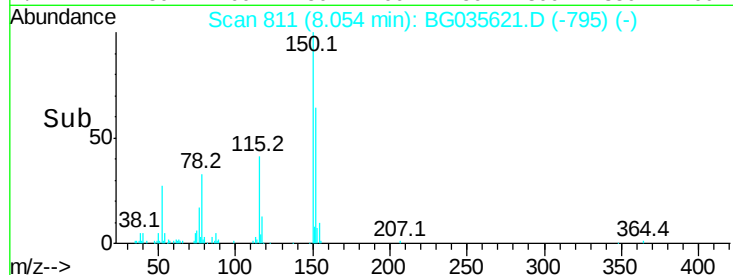
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

Instrument :
BNA_G
ClientSampleId :
PB111045BL

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



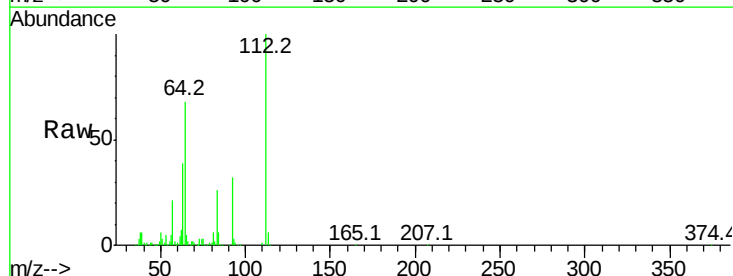
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



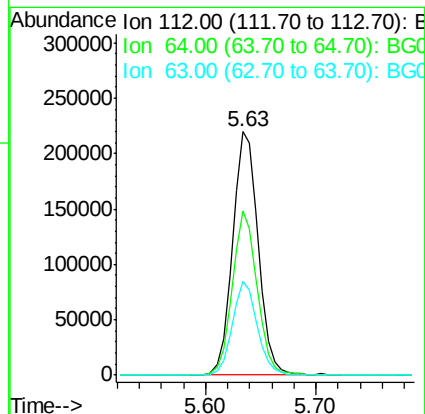
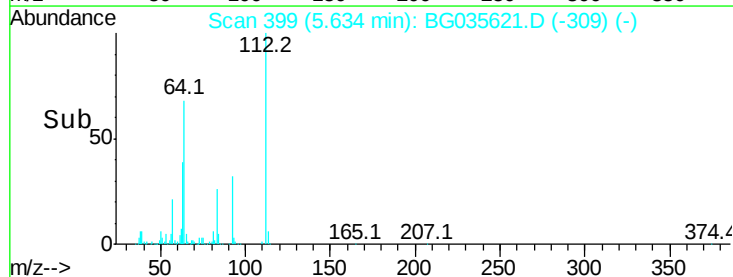
#5

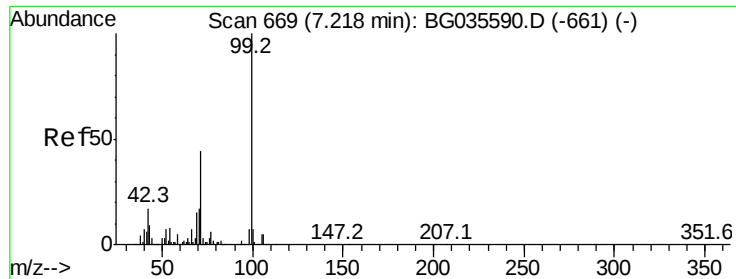
2-Fluorophenol
Concen: 145.147 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035621.D
Acq: 13 Jul 2018 8:51

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): BG0
Ion 63.00 (62.70 to 63.70): BG0





#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

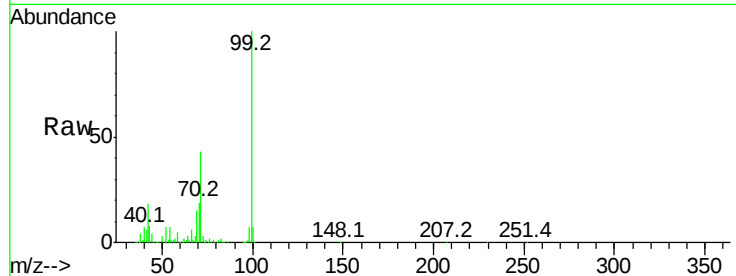
Tot Ion: 99 Resp: 521472

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

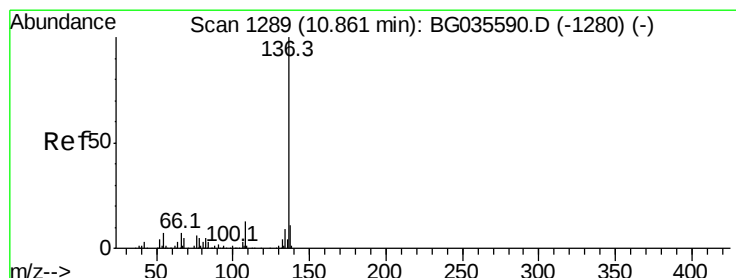
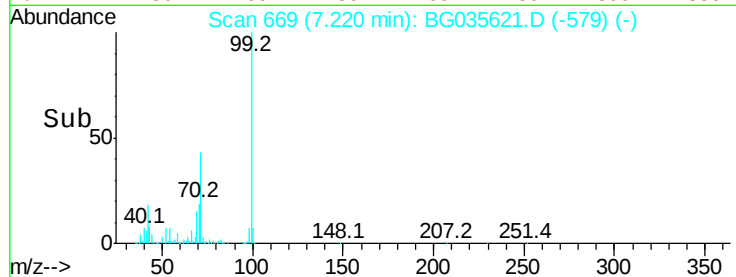
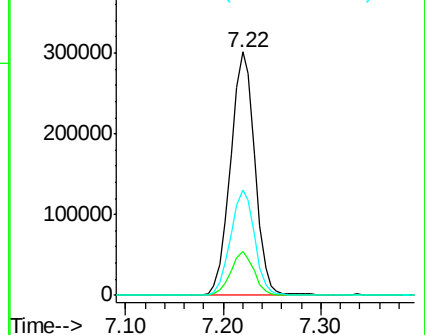
71 43.2 26.1 39.1#



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



#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

Tgt Ion: 136 Resp: 159844

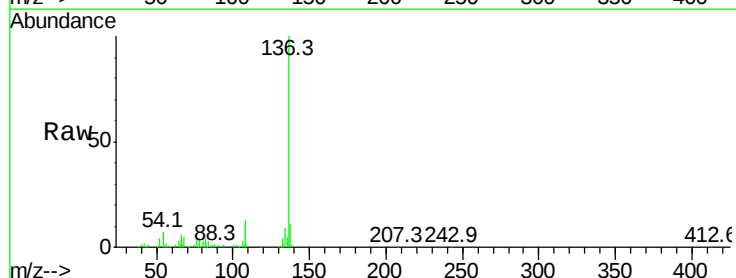
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.7 10.3 15.5#

68 5.3 4.5 6.7

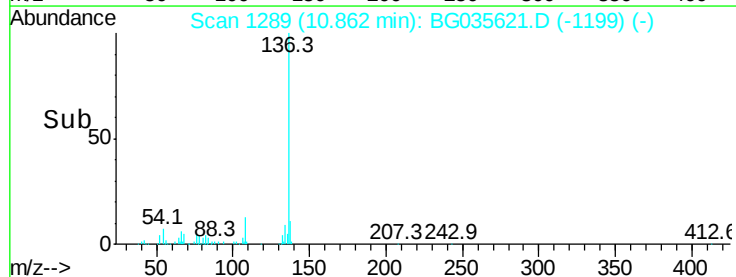
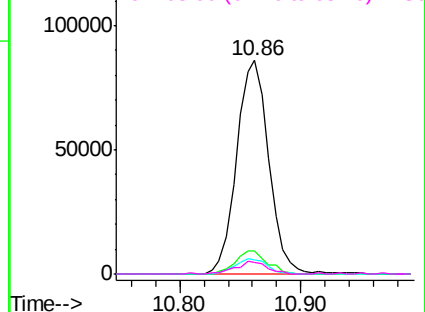


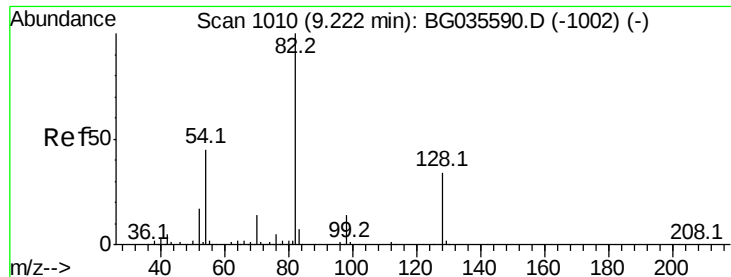
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

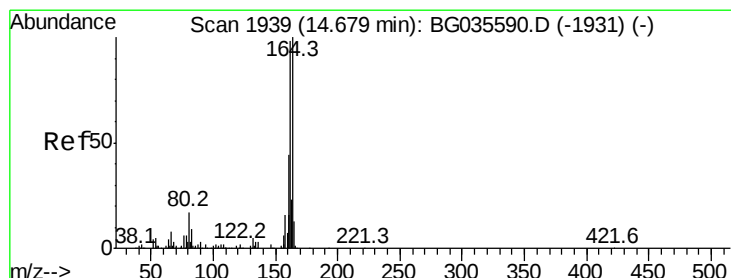
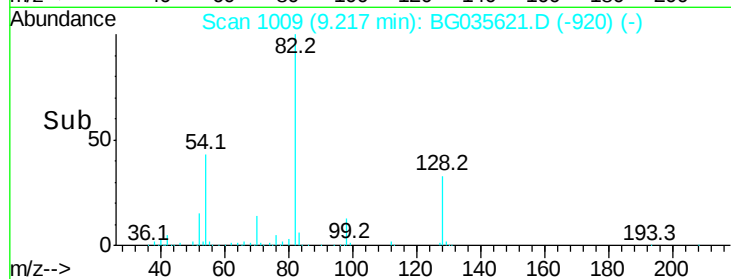
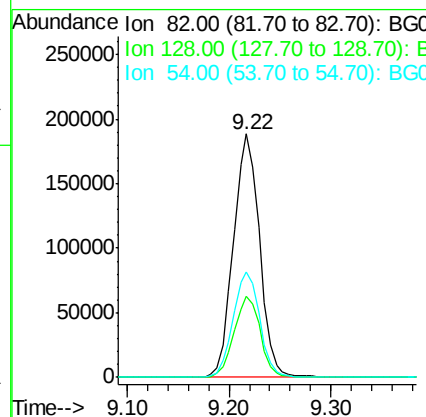
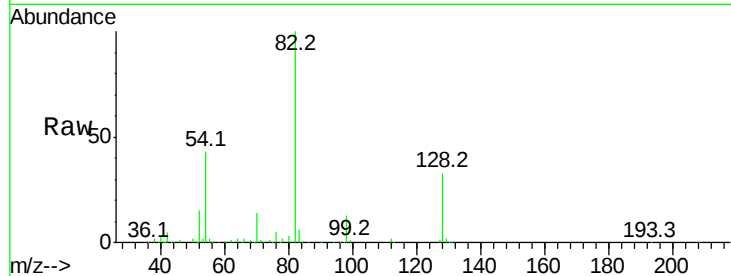




#23
 Nitrobenzene-d5
 Concen: 88.005 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035621.D
 Acq: 13 Jul 2018 8:51

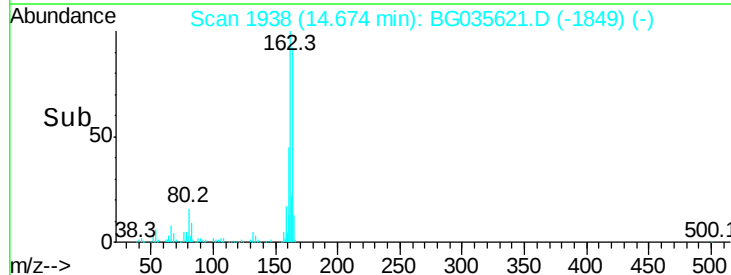
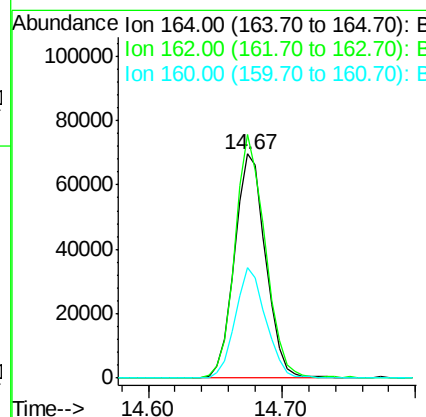
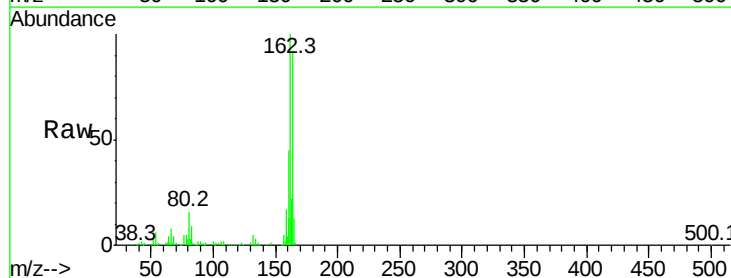
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BL

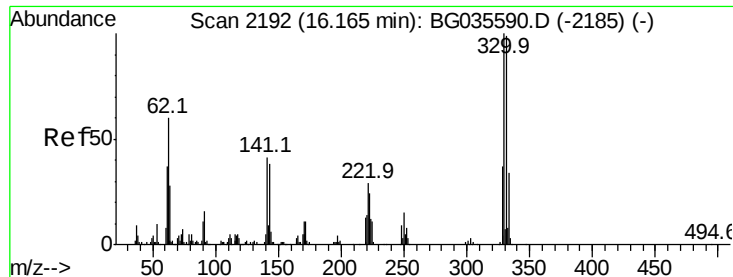
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	43.3	43.1	64.7



#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

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.6	78.8	118.2
160	49.3	35.4	53.0

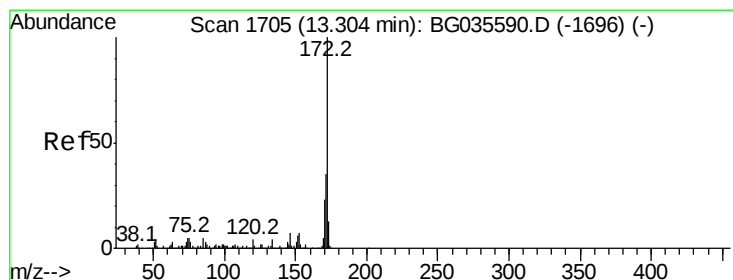
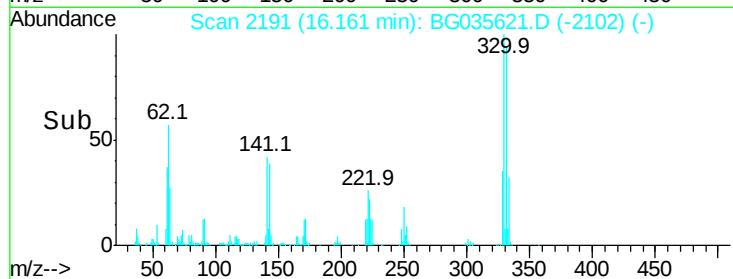
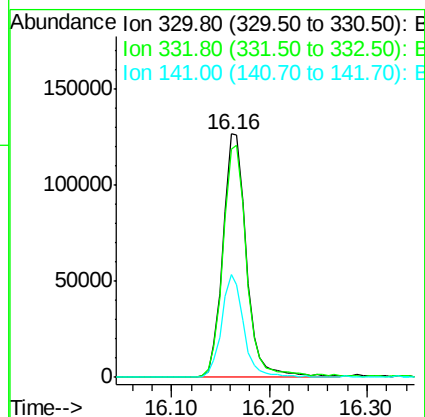
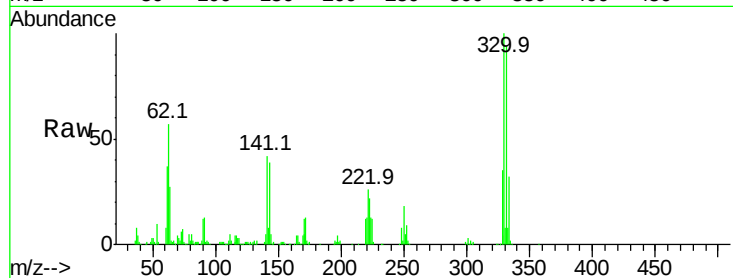




#41
 2,4,6-Tribromophenol
 Concen: 143.042 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG035621.D
 Acq: 13 Jul 2018 8:51

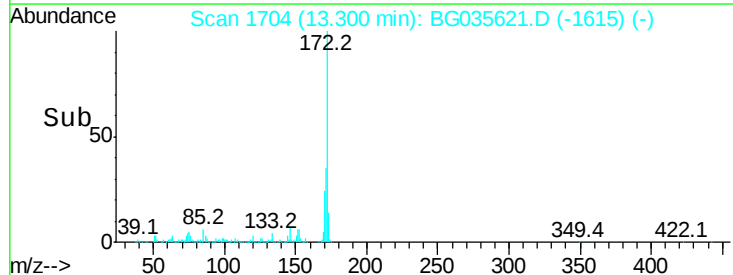
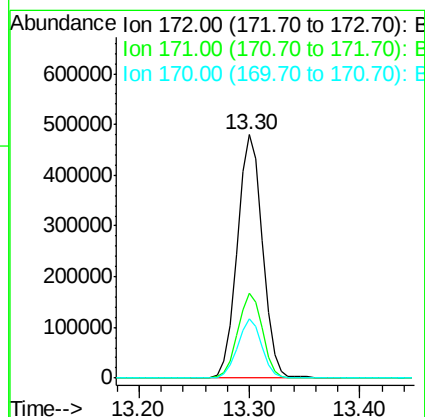
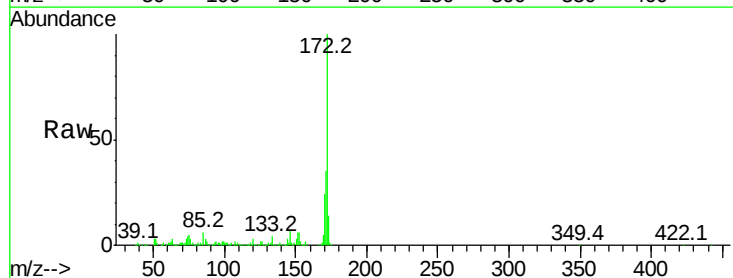
Instrument :
 BNA_G
 ClientSampleId :
 PB111045BL

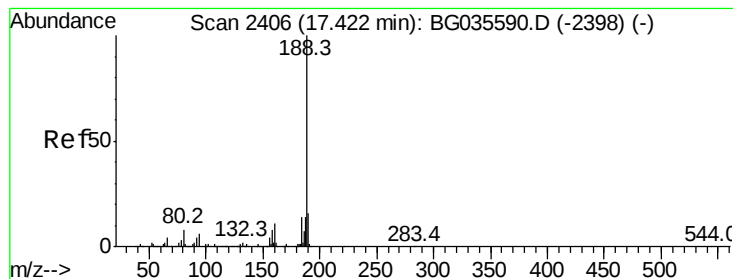
Tot Ion:330 Resp: 213382
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 39.2 25.2 37.8#



#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

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





#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

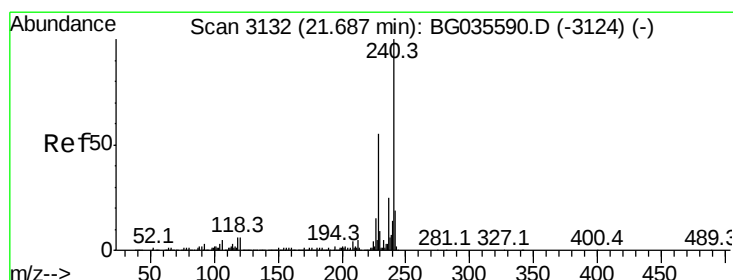
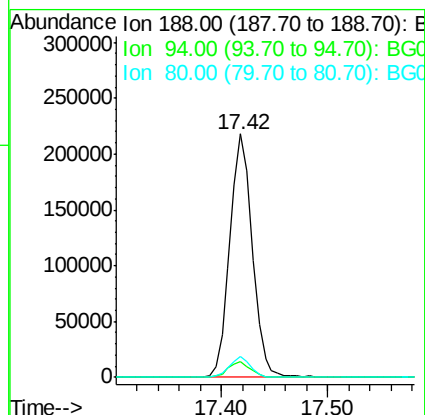
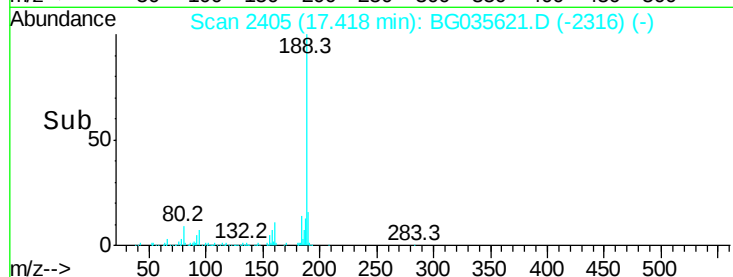
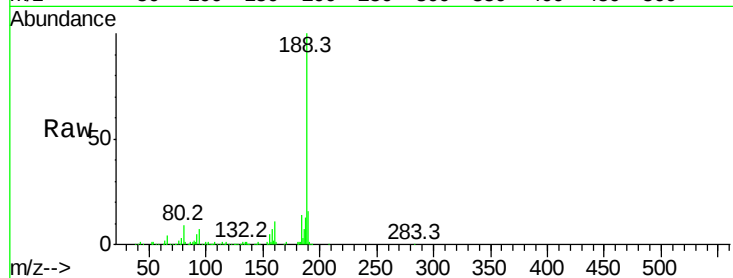
Tot Ion:188 Resp: 321166

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

80 8.7 7.7 11.5



#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

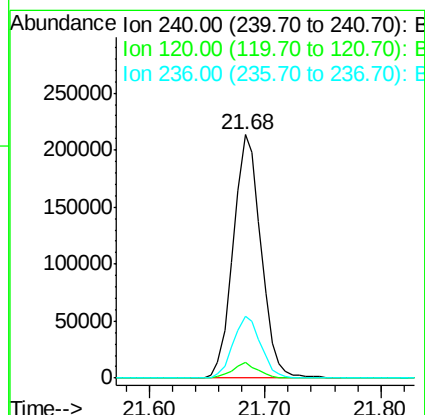
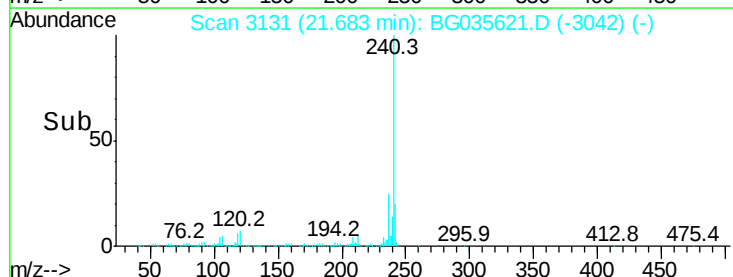
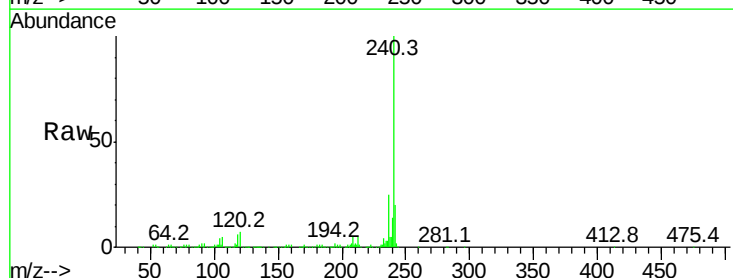
Tgt Ion:240 Resp: 356330

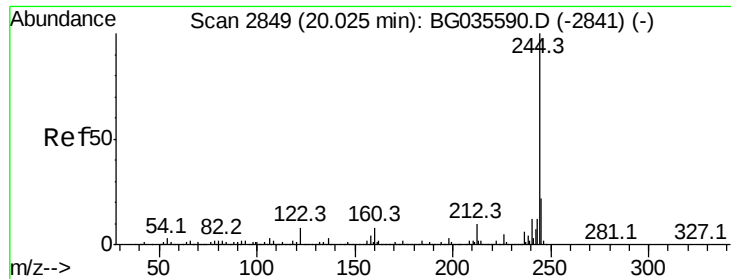
Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

236 25.3 20.9 31.3





#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

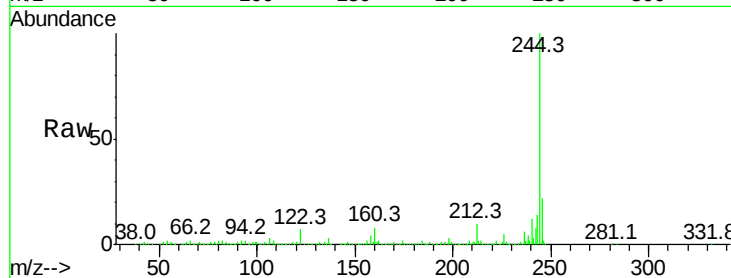
Tot Ion:244 Resp: 1513279

Ion Ratio Lower Upper

244 100

212 9.8 5.8 8.8#

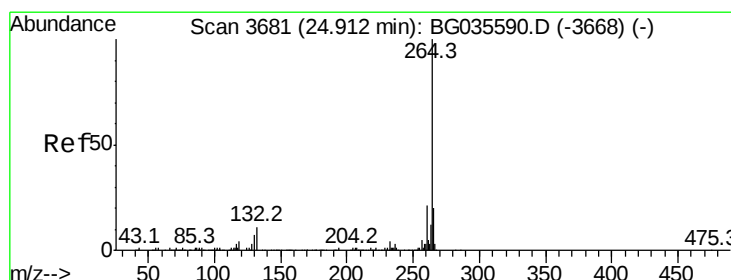
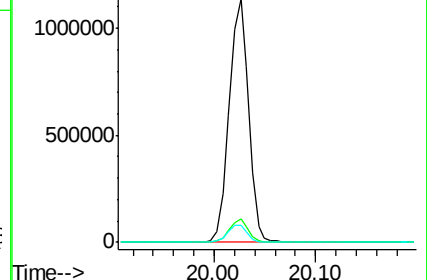
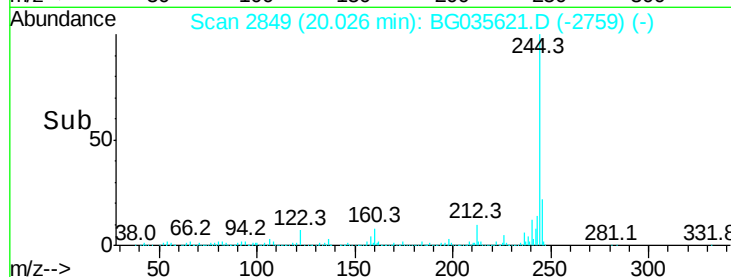
122 7.3 7.0 10.4



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

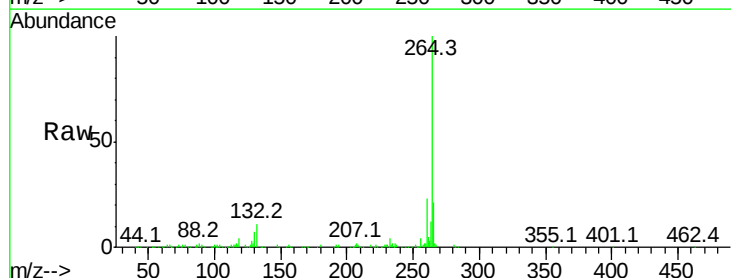
Tgt Ion:264 Resp: 323720

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

