

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036098.D
 Acq On : 3 Aug 2018 17:35
 Operator : JU/SJ
 Sample : PB111737BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111737BL

Quant Time: Aug 03 18:57:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	25645	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	83183	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	62980	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	190843	20.00	ng	0.00
75) Chrysene-d12	21.66	240	221151	20.00	ng	0.00
86) Perylene-d12	24.86	264	190955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	225217	145.80	ng	0.00
7) Phenol-d6	7.19	99	304556	132.15	ng	0.00
23) Nitrobenzene-d5	9.18	82	201764	101.33	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	129764	156.32	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	489805	104.19	ng	-0.01
78) Terphenyl-d14	20.00	244	1101537	109.79	ng	0.00

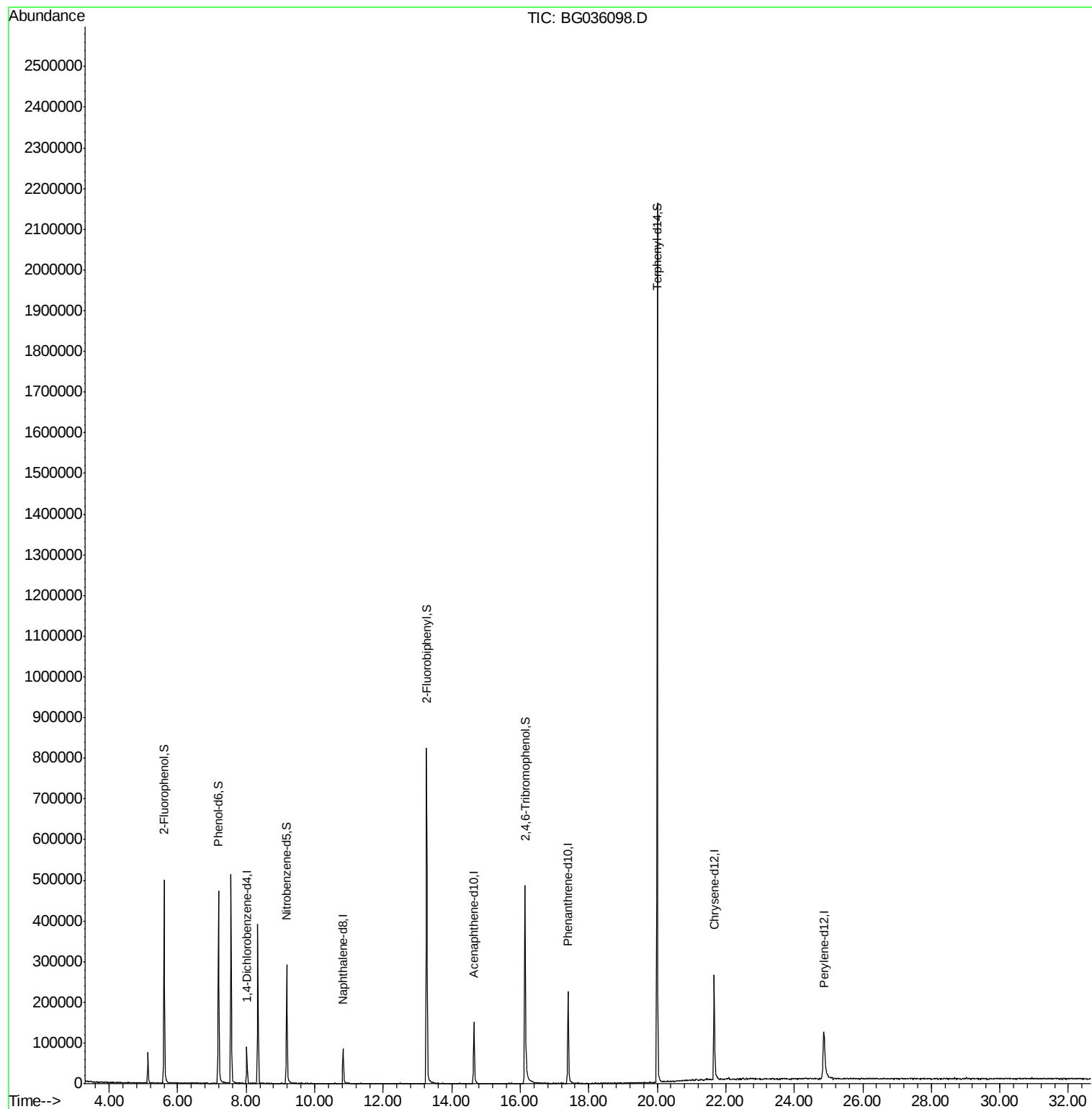
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG036098.D

Acq: 3 Aug 2018 17:35

Instrument :

BNA_G

ClientSampleId :

PB111737BL

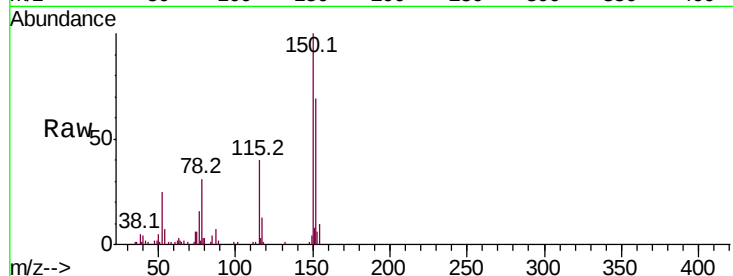
Tot Ion:152 Resp: 25645

Ion Ratio Lower Upper

152 100

150 144.3 126.6 189.8

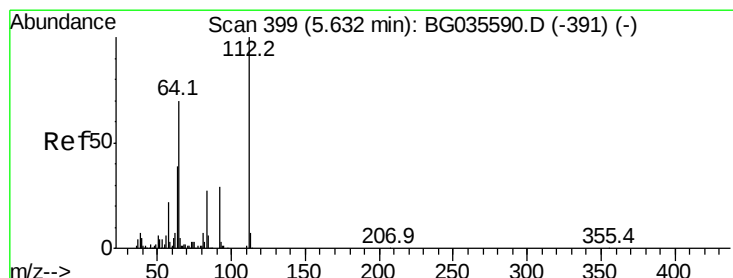
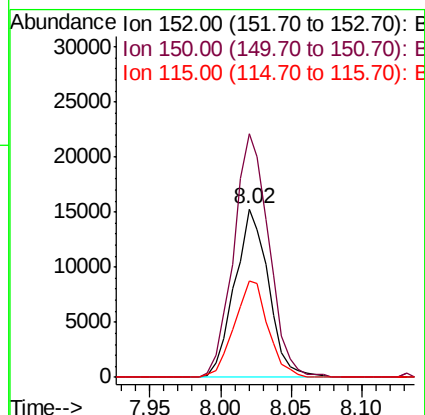
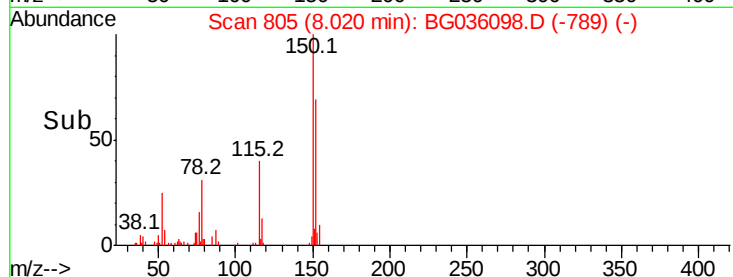
115 57.5 53.0 79.4



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: 145.804 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG036098.D

Acq: 3 Aug 2018 17:35

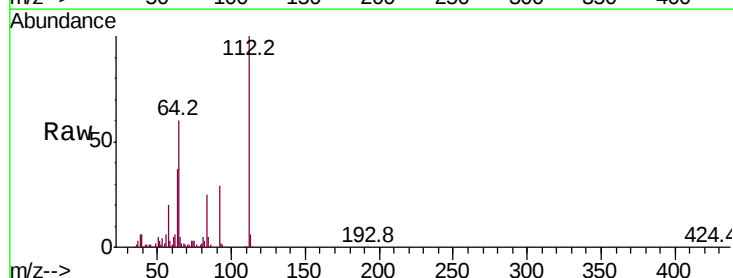
Tgt Ion:112 Resp: 225217

Ion Ratio Lower Upper

112 100

64 60.3 56.3 84.5

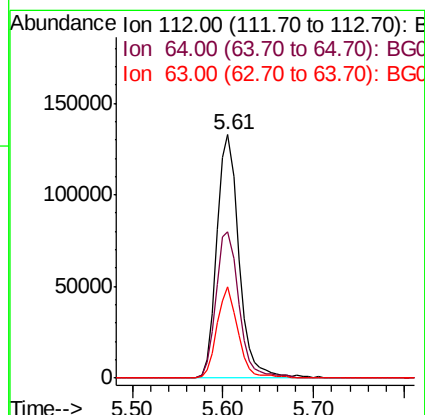
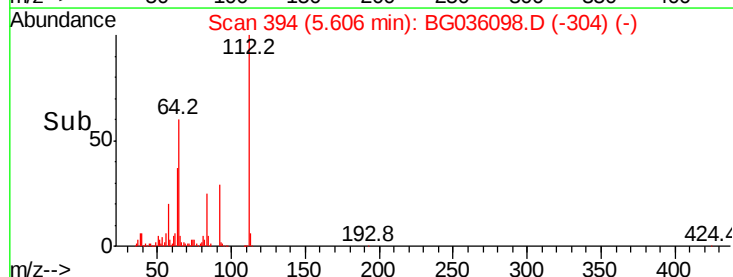
63 37.5 30.1 45.1



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: 132.150 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036098.D

Acq: 3 Aug 2018 17:35

Instrument :

BNA_G

ClientSampleId :

PB111737BL

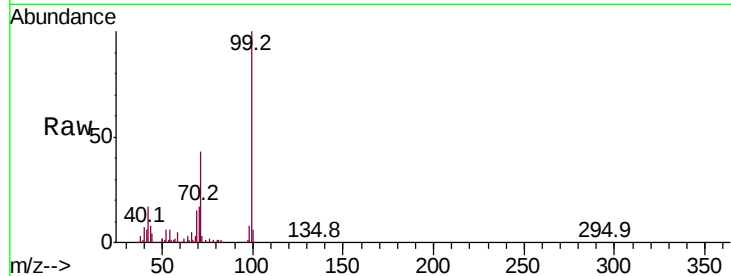
Tot Ion: 99 Resp: 304556

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

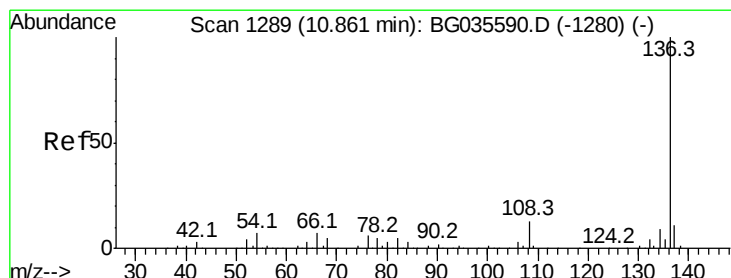
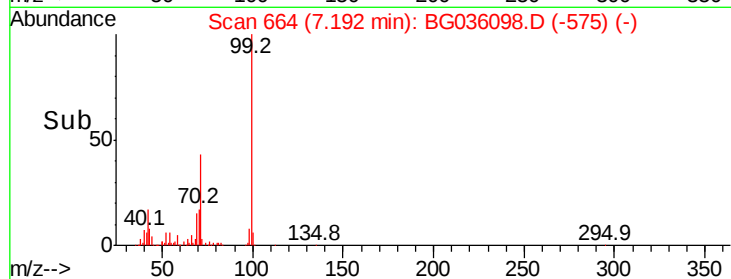
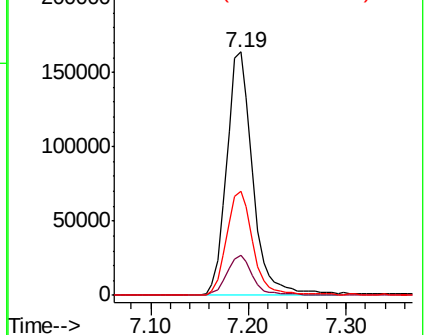
71 42.8 26.1 39.1#



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: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG036098.D

Acq: 3 Aug 2018 17:35

Tgt Ion:136 Resp: 83183

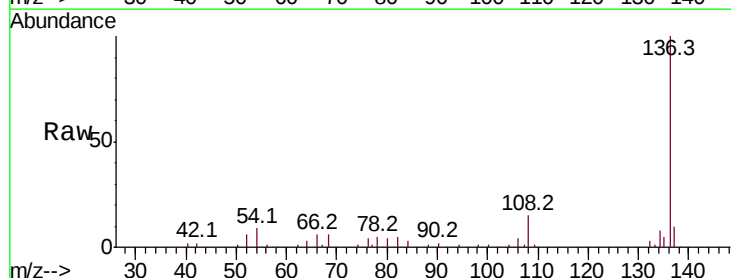
Ion Ratio Lower Upper

136 100

137 9.6 9.2 13.8

54 9.1 10.3 15.5#

68 6.2 4.5 6.7

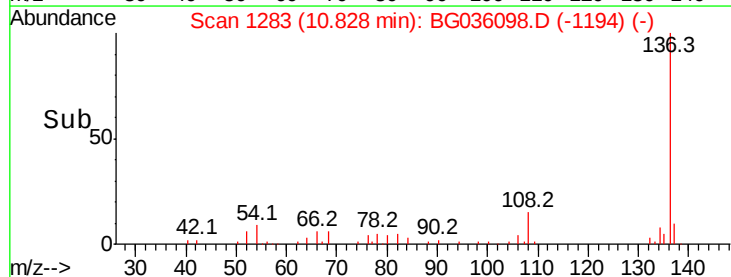
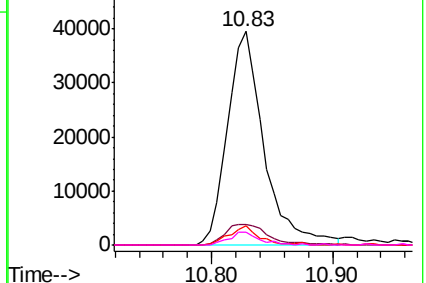


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

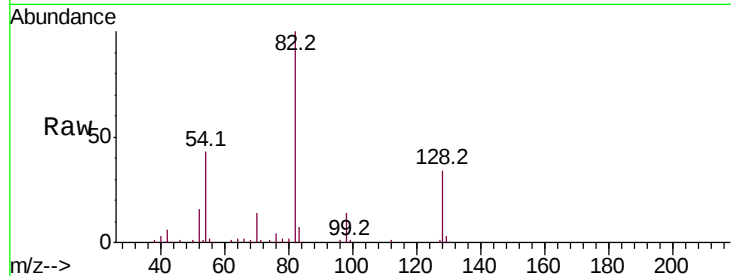




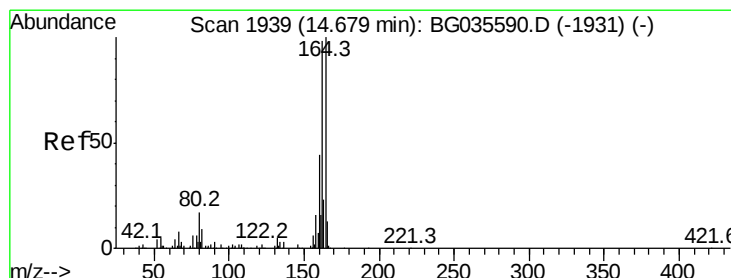
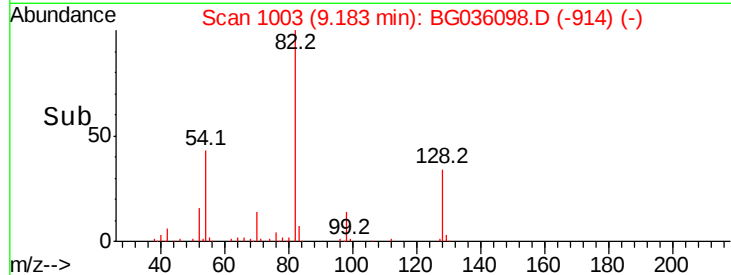
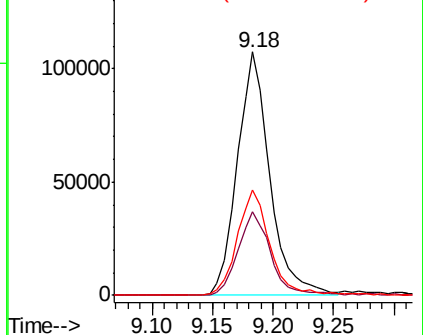
#23
 Nitrobenzene-d5
 Concen: 101.326 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BG036098.D
 Acq: 3 Aug 2018 17:35

Instrument :
 BNA_G
 ClientSampled :
 PB111737BL

Tot Ion: 82 Resp: 201764
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 43.3 43.1 64.7

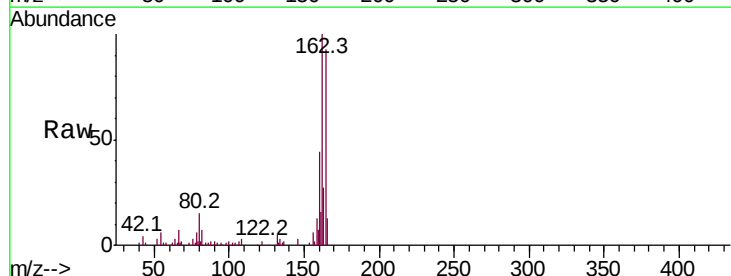


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

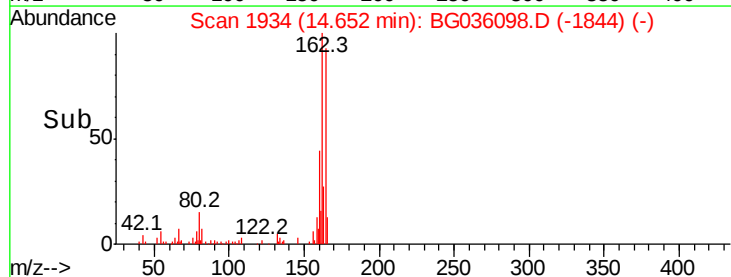
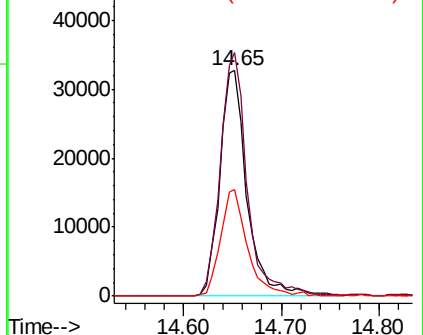


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG036098.D
 Acq: 3 Aug 2018 17:35

Tgt Ion:164 Resp: 62980
 Ion Ratio Lower Upper
 164 100
 162 107.9 78.8 118.2
 160 47.2 35.4 53.0



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

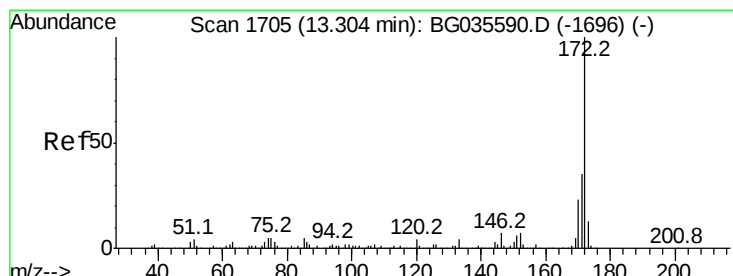
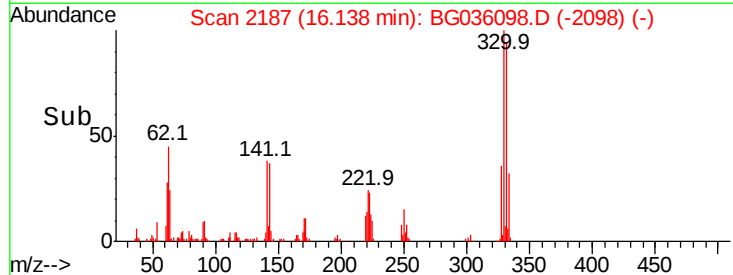
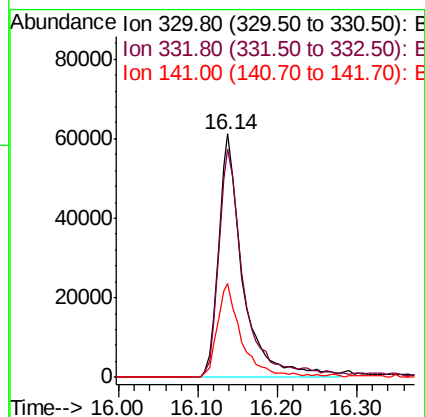
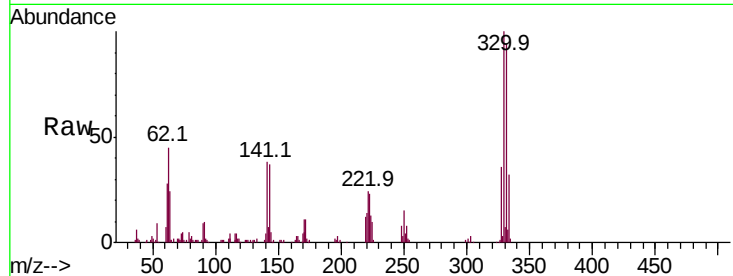




#41
2,4,6-Tribromophenol
Concen: 156.320 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BG036098.D
Acq: 3 Aug 2018 17:35

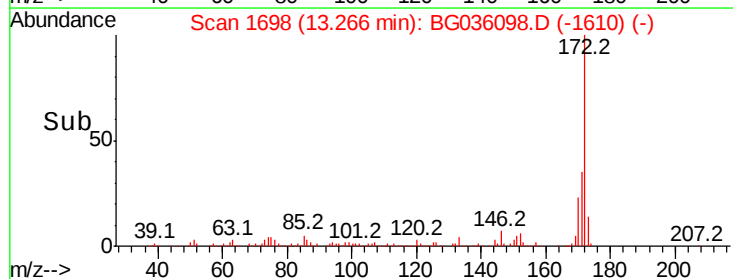
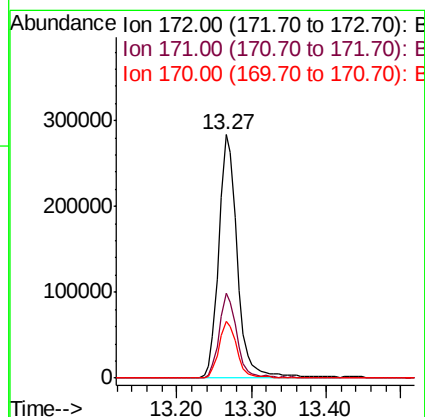
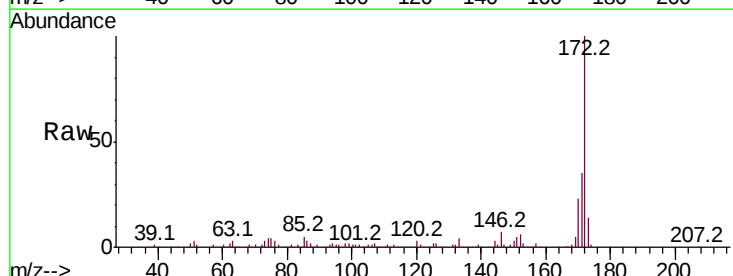
Instrument :
BNA_G
ClientSampleId :
PB111737BL

Tot Ion:330 Resp: 129764
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 37.1 25.2 37.8



#44
2-Fluorobiphenyl
Concen: 104.194 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036098.D
Acq: 3 Aug 2018 17:35

Tgt Ion:172 Resp: 489805
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.4 19.5 29.3

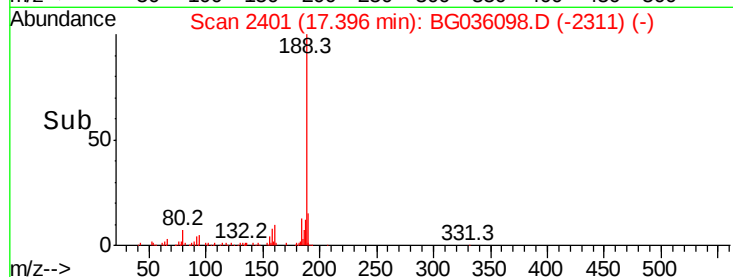
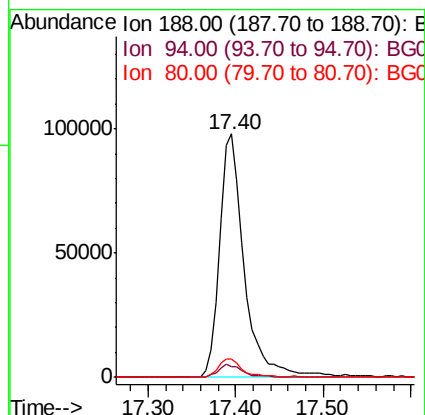
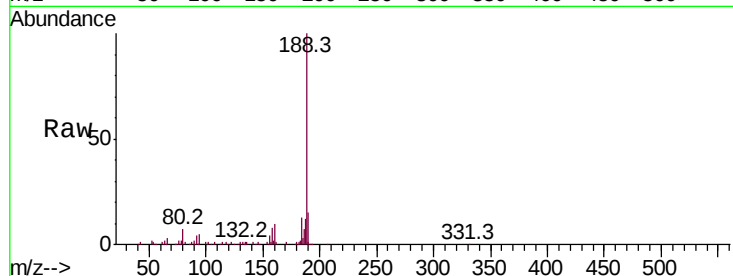




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2401
 Delta R.T. 0.00 min
 Lab File: BG036098.D
 Acq: 3 Aug 2018 17:35

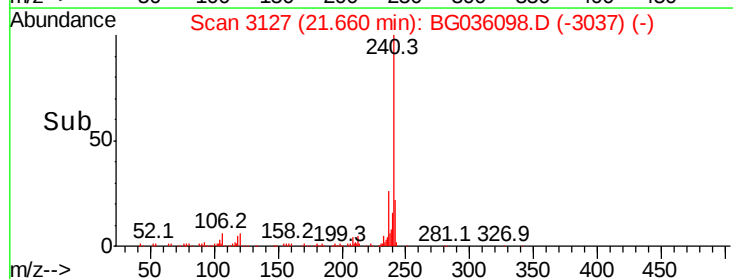
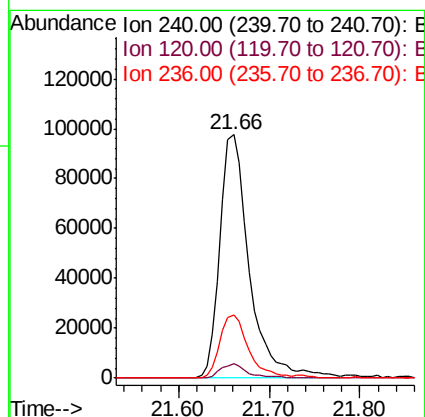
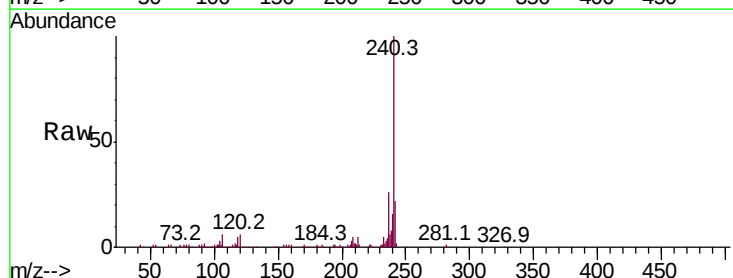
Instrument :
 BNA_G
 ClientSampleId :
 PB111737BL

Tot Ion:188 Resp: 190843
 Ion Ratio Lower Upper
 188 100
 94 4.6 6.9 10.3#
 80 7.3 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: BG036098.D
 Acq: 3 Aug 2018 17:35

Tgt Ion:240 Resp: 221151
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 109.795 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036098.D

Acq: 3 Aug 2018 17:35

Instrument :

BNA_G

ClientSampleId :

PB111737BL

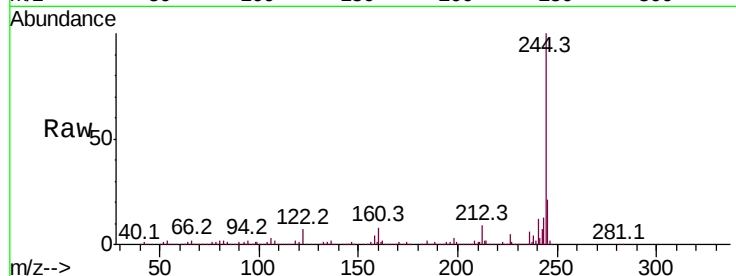
Tot Ion:244 Resp: 1101537

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

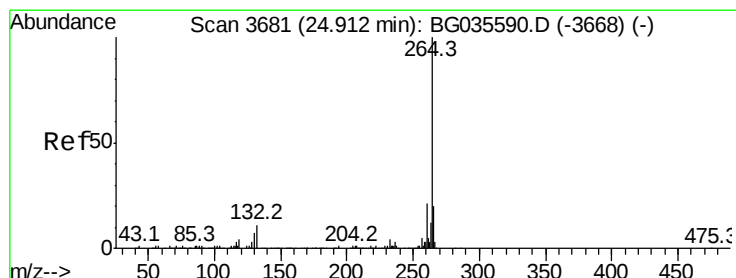
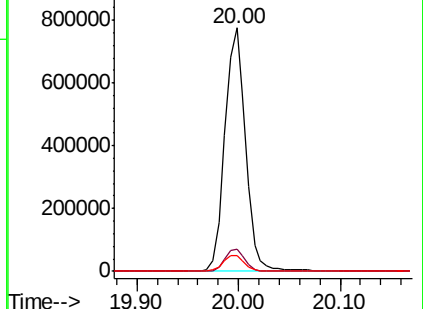
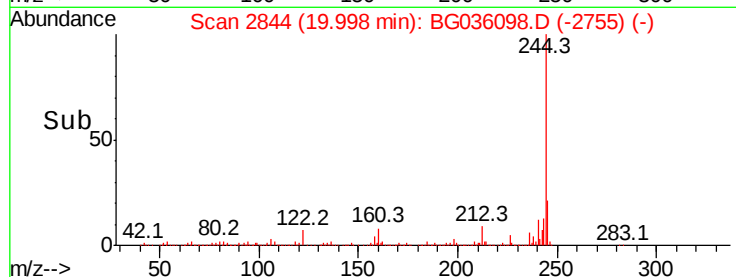
122 6.6 7.0 10.4#



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: 24.86 min Scan# 3672

Delta R.T. 0.00 min

Lab File: BG036098.D

Acq: 3 Aug 2018 17:35

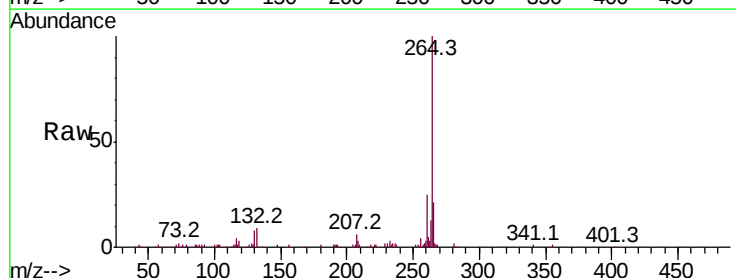
Tgt Ion:264 Resp: 190955

Ion Ratio Lower Upper

264 100

260 25.0 17.4 26.0

265 20.9 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

