

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036062.D
 Acq On : 2 Aug 2018 16:10
 Operator : JU/SJ
 Sample : PB111691BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111691BL

Quant Time: Aug 02 18:44:47 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	30093	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	108068	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	82353	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	237619	20.00	ng	0.00
75) Chrysene-d12	21.65	240	263293	20.00	ng	0.00
86) Perylene-d12	24.85	264	245937	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	241222	133.08	ng	0.00
7) Phenol-d6	7.19	99	328279	121.39	ng	0.00
23) Nitrobenzene-d5	9.18	82	220585	85.27	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	158551	146.07	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	530424	86.29	ng	0.00
78) Terphenyl-d14	19.99	244	1117145	93.53	ng	0.00

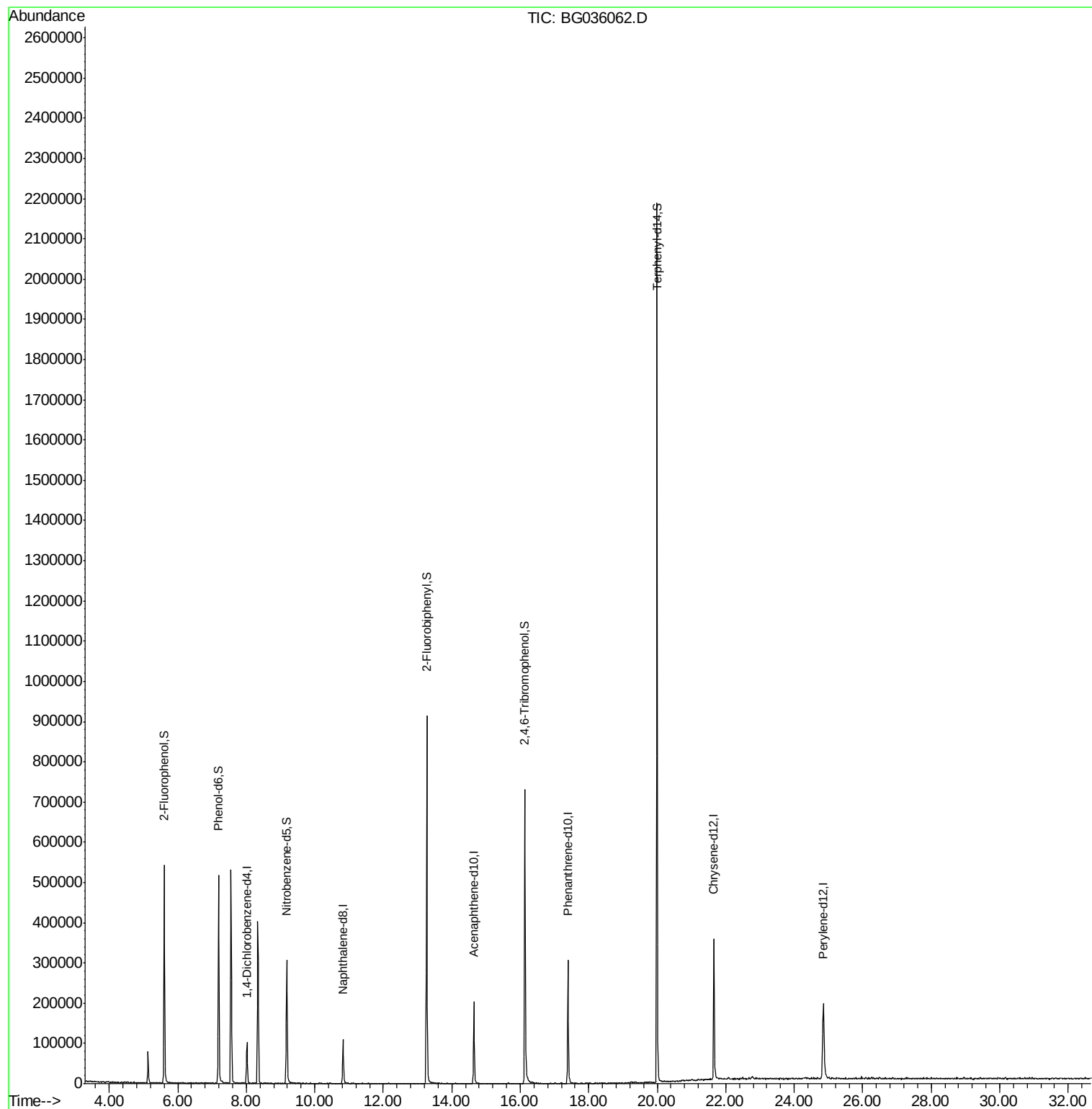
Target Compounds Qvalue

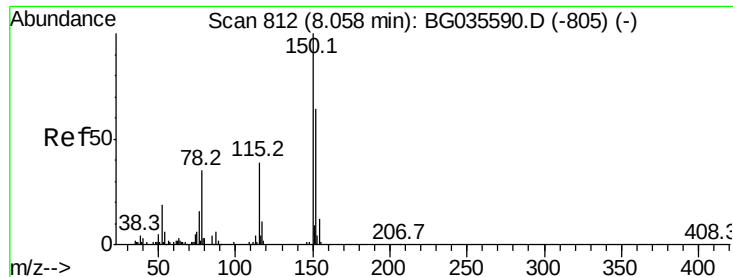
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG036062.D

Acq: 2 Aug 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB111691BL

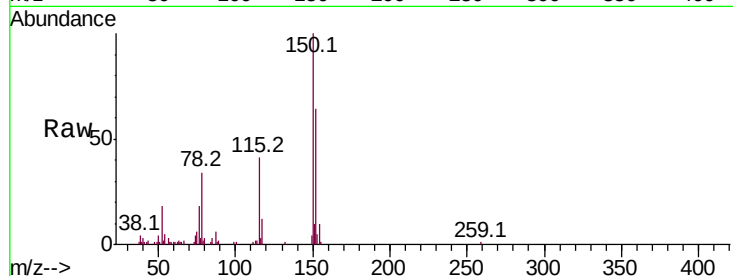
Tot Ion:152 Resp: 30093

Ion Ratio Lower Upper

152 100

150 156.7 126.6 189.8

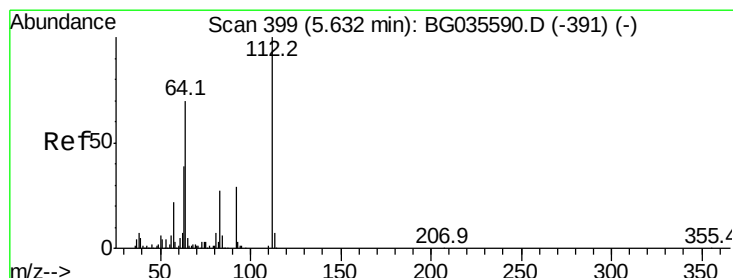
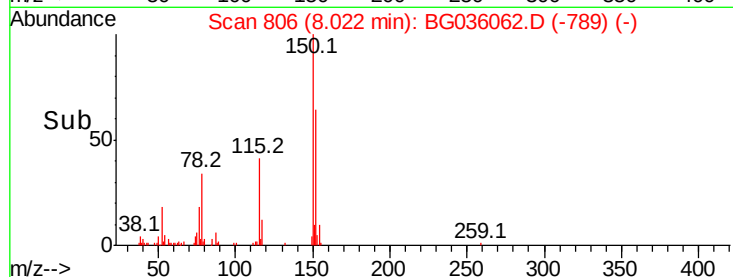
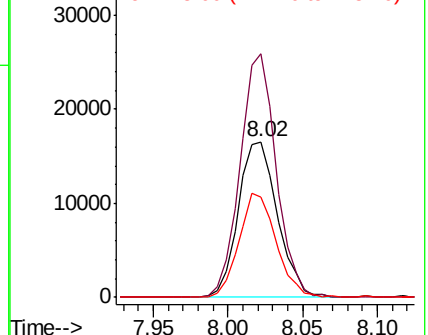
115 64.7 53.0 79.4



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: 133.083 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036062.D

Acq: 2 Aug 2018 16:10

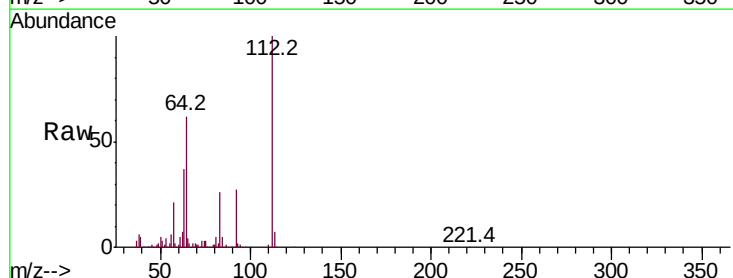
Tgt Ion:112 Resp: 241222

Ion Ratio Lower Upper

112 100

64 61.8 56.3 84.5

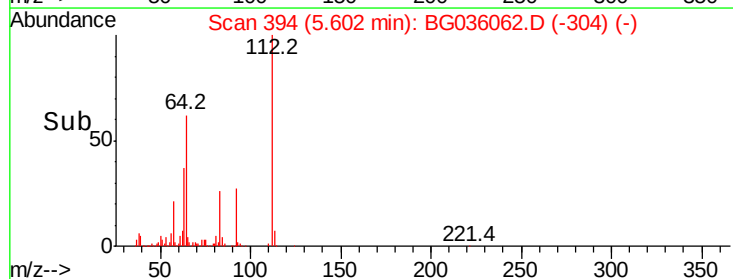
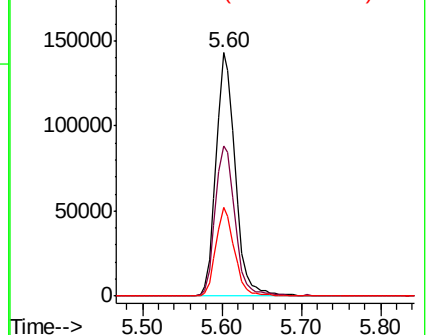
63 36.6 30.1 45.1

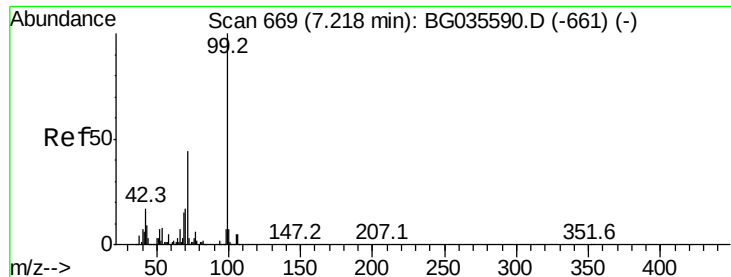


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 121.390 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036062.D

Acq: 2 Aug 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB111691BL

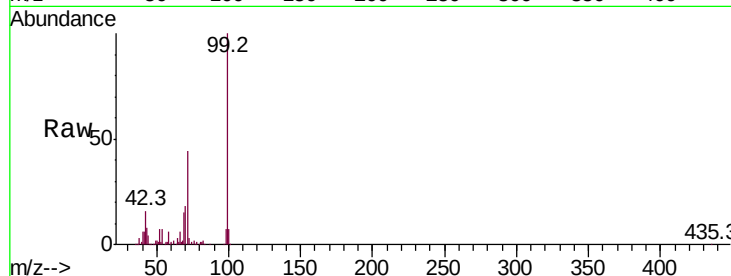
Tot Ion: 99 Resp: 328279

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

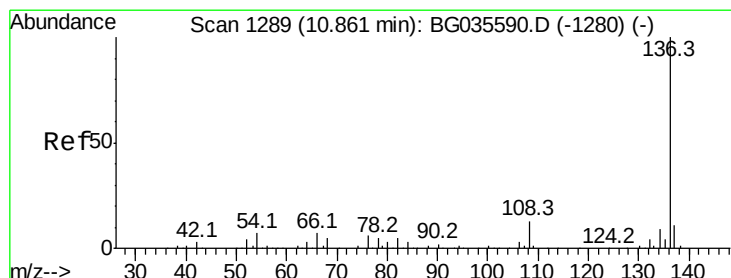
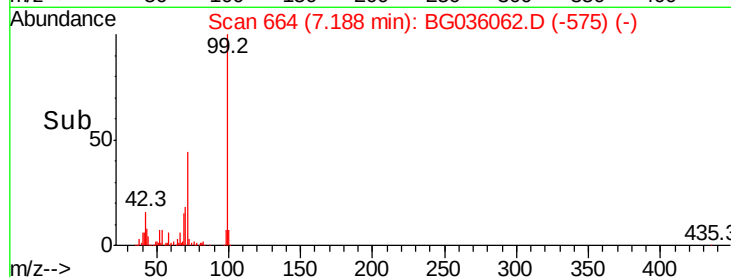
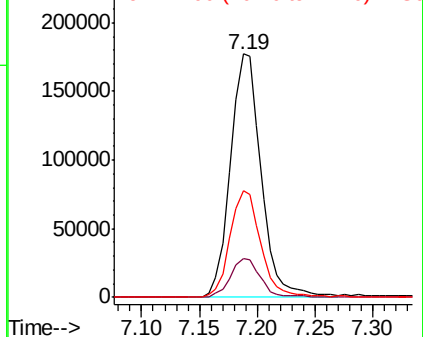
71 43.7 26.1 39.1#



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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036062.D

Acq: 2 Aug 2018 16:10

Tgt Ion: 136 Resp: 108068

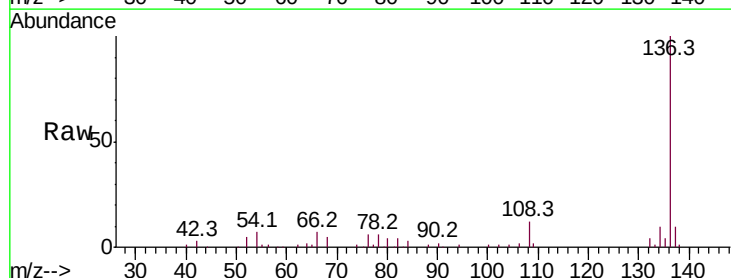
Ion Ratio Lower Upper

136 100

137 10.0 9.2 13.8

54 6.7 10.3 15.5#

68 4.7 4.5 6.7

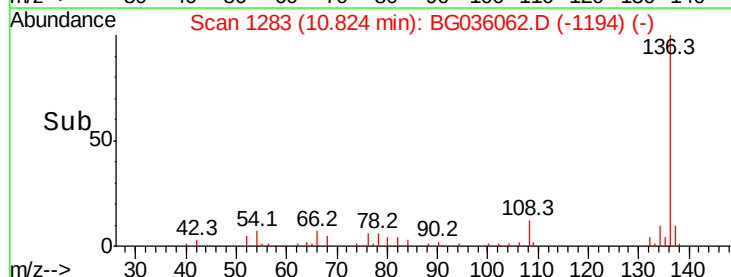
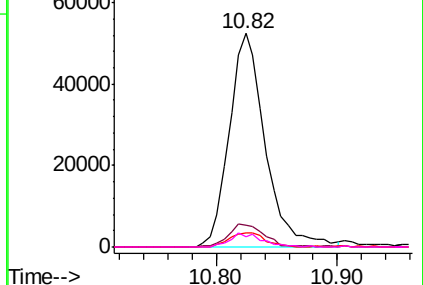


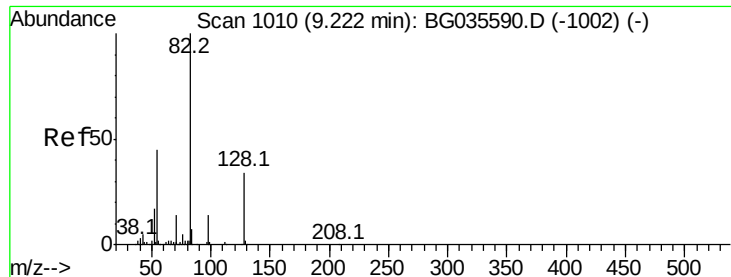
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

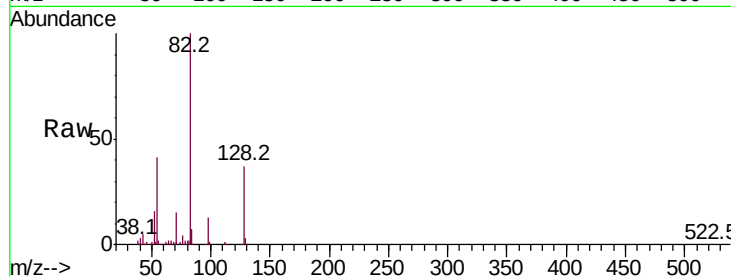




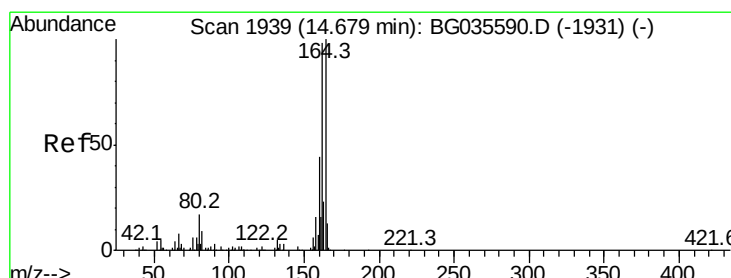
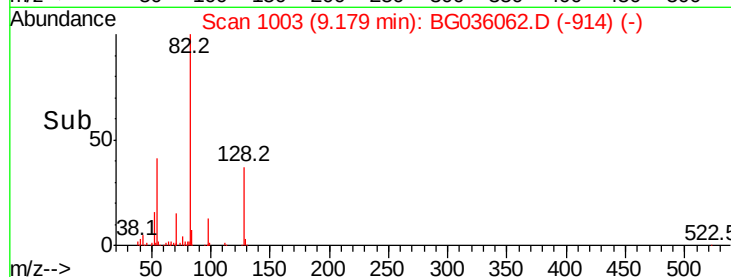
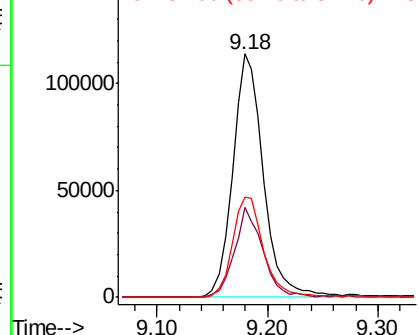
#23
 Nitrobenzene-d5
 Concen: 85.269 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036062.D
 Acq: 2 Aug 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB111691BL

Tot Ion: 82 Resp: 220585
 Ion Ratio Lower Upper
 82 100
 128 36.7 29.7 44.5
 54 41.1 43.1 64.7#

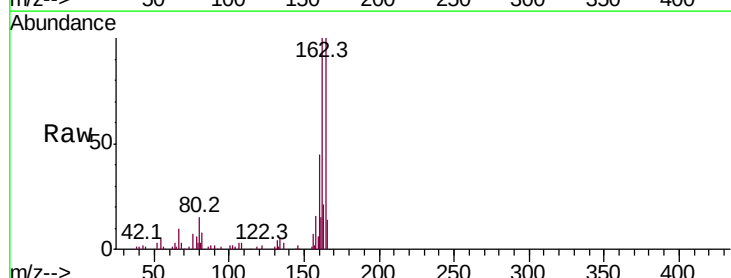


Abundance Ion 82.00 (81.70 to 82.70): BG
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BG

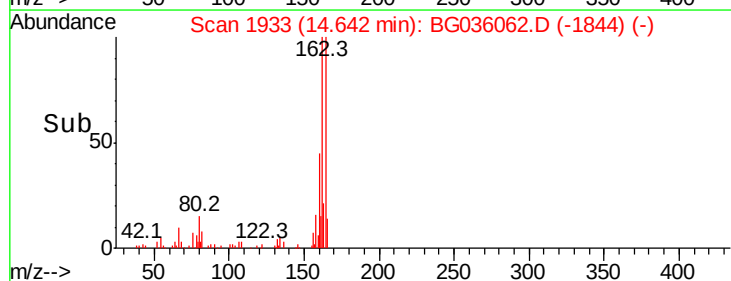
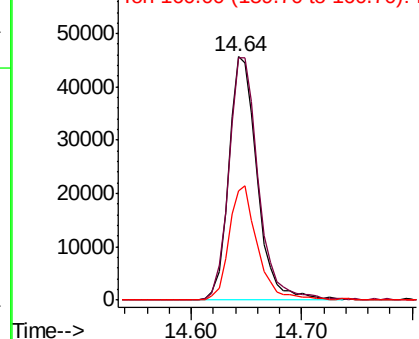


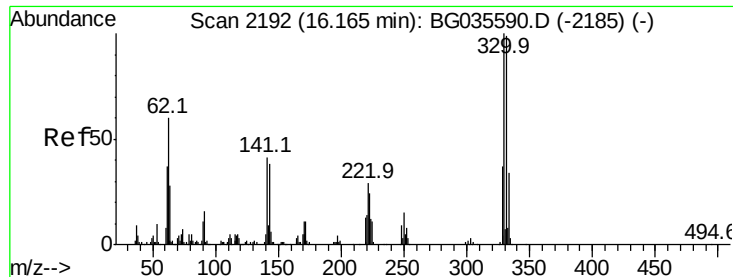
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036062.D
 Acq: 2 Aug 2018 16:10

Tgt Ion:164 Resp: 82353
 Ion Ratio Lower Upper
 164 100
 162 99.5 78.8 118.2
 160 45.1 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

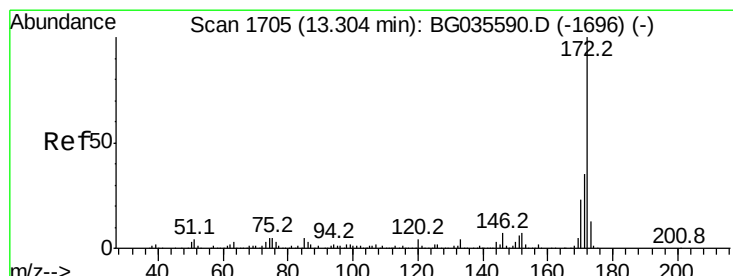
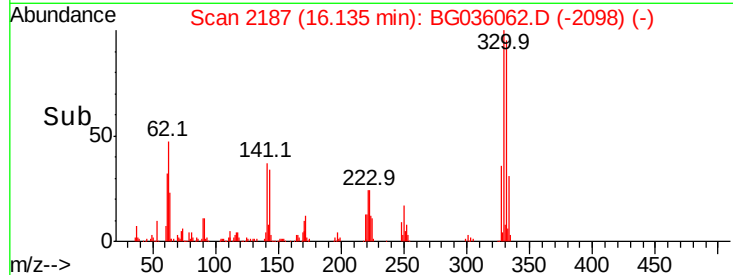
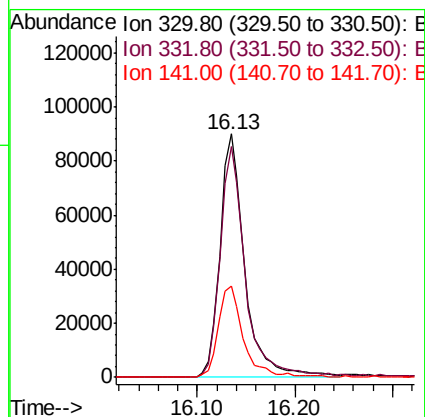
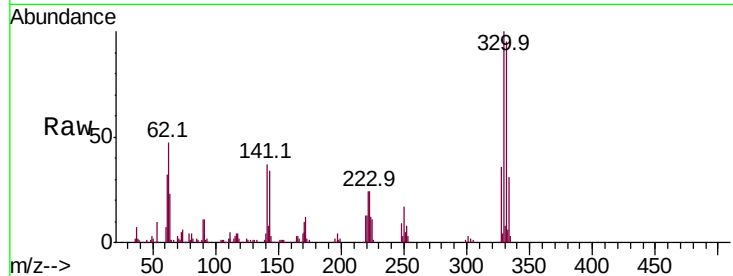




#41
2,4,6-Tribromophenol
Concen: 146.067 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036062.D
Acq: 2 Aug 2018 16:10

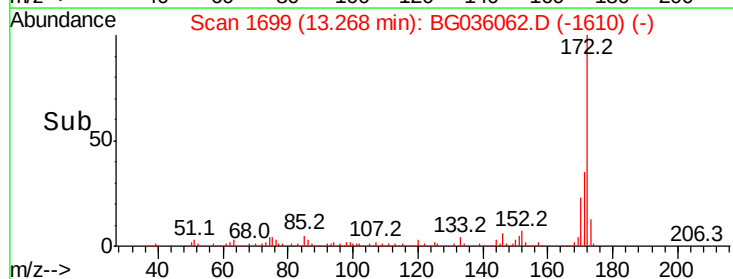
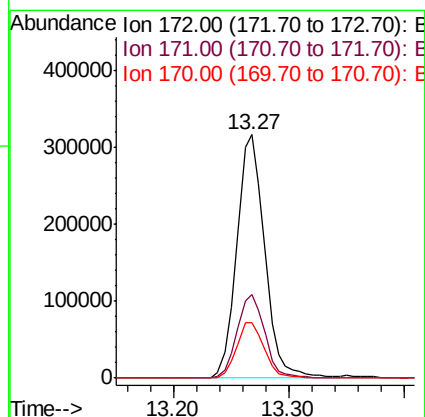
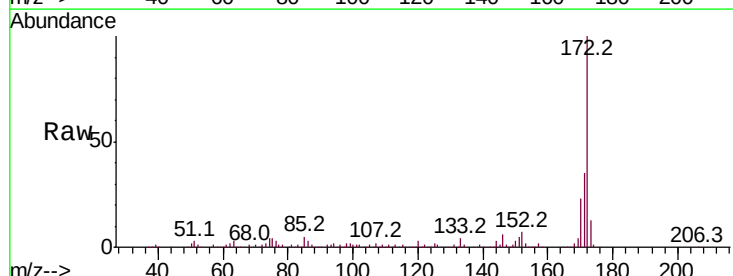
Instrument :
BNA_G
ClientSampleId :
PB111691BL

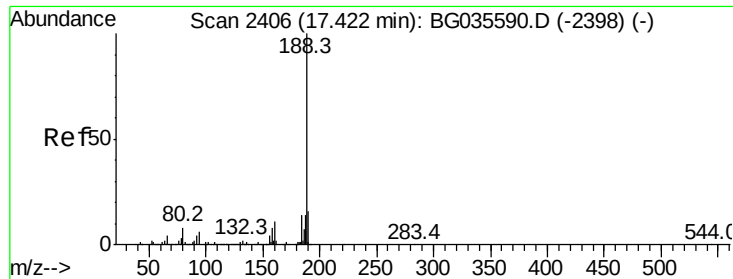
Tot Ion:330 Resp: 158551
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 38.1 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 86.291 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036062.D
Acq: 2 Aug 2018 16:10

Tgt Ion:172 Resp: 530424
Ion Ratio Lower Upper
172 100
171 34.5 30.0 45.0
170 23.0 19.5 29.3

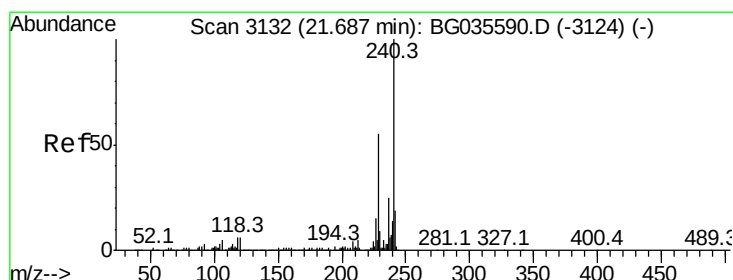
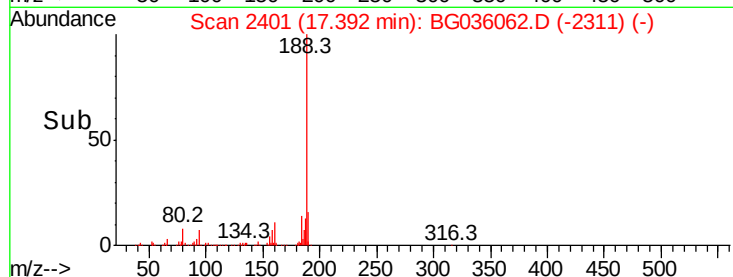
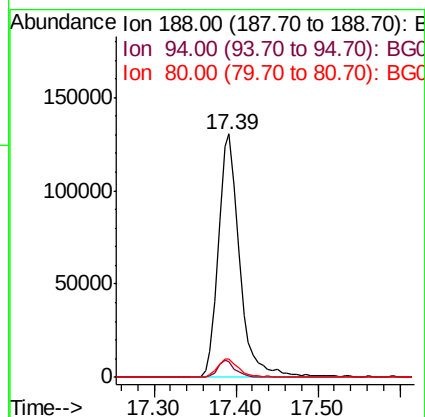
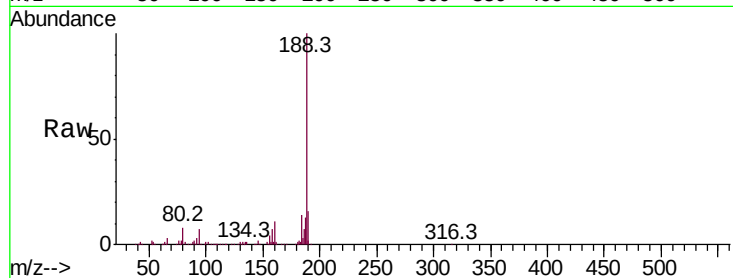




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036062.D
Acq: 2 Aug 2018 16:10

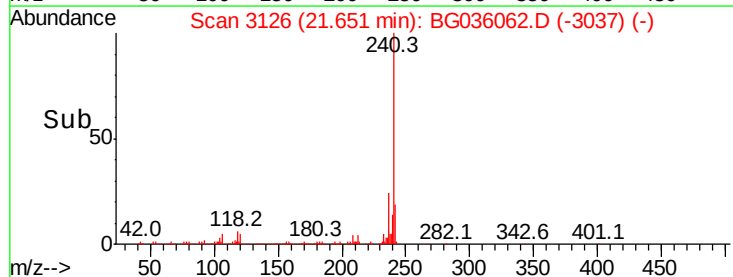
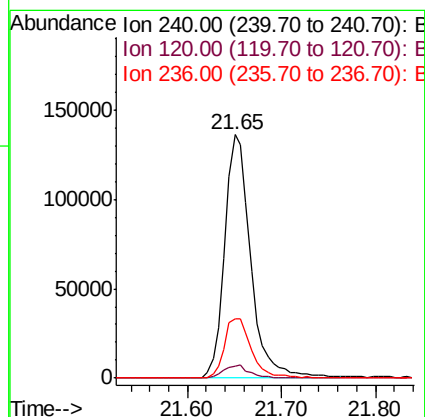
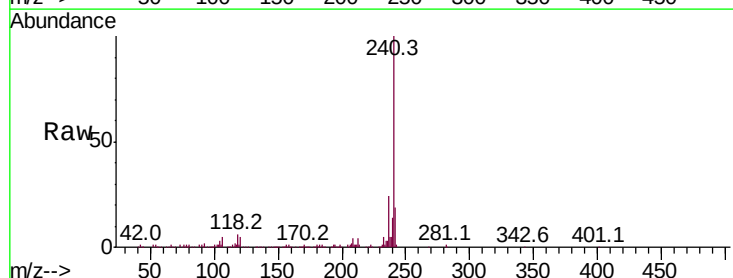
Instrument :
BNA_G
ClientSampleId :
PB111691BL

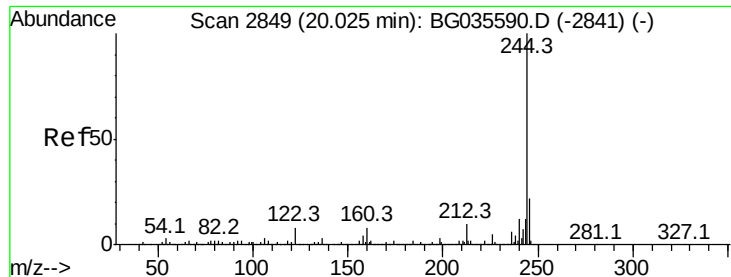
Tot Ion:188 Resp: 237619
Ion Ratio Lower Upper
188 100
94 6.5 6.9 10.3#
80 7.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036062.D
Acq: 2 Aug 2018 16:10

Tgt Ion:240 Resp: 263293
Ion Ratio Lower Upper
240 100
120 5.1 6.8 10.2#
236 24.4 20.9 31.3

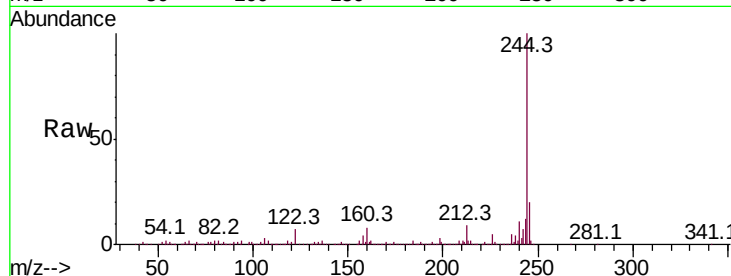




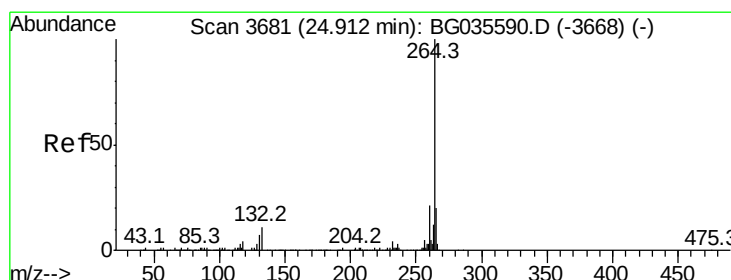
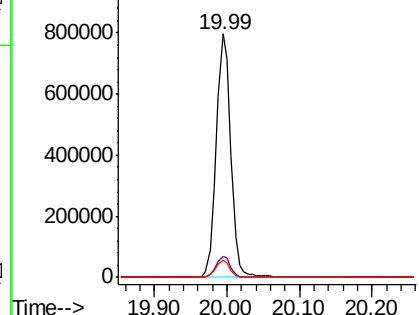
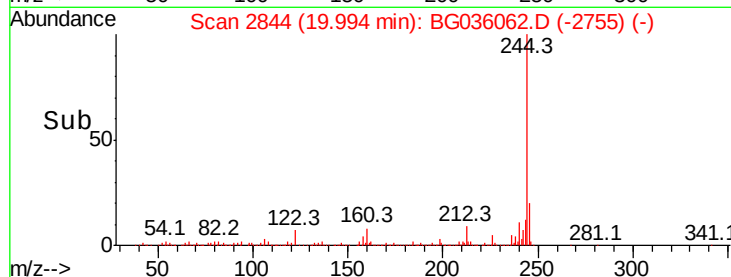
#78
 Terphenyl-d14
 Concen: 93.528 ng
 RT: 19.99 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036062.D
 Acq: 2 Aug 2018 16:10

Instrument :
 BNA_G
 ClientSampled :
 PB111691BL

Tot Ion:244 Resp: 1117145
 Ion Ratio Lower Upper
 244 100
 212 8.7 5.8 8.8
 122 6.8 7.0 10.4#

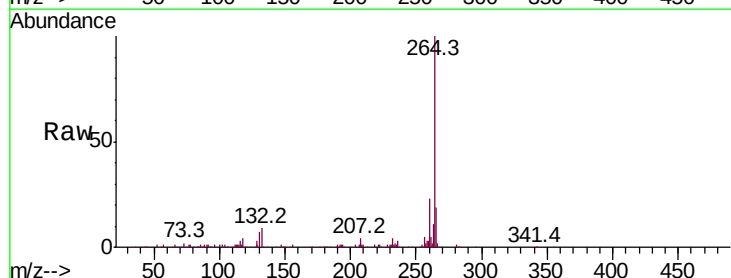


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036062.D
 Acq: 2 Aug 2018 16:10

Tgt Ion:264 Resp: 245937
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.4 26.0
 265 18.9 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

