

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035780.D
 Acq On : 20 Jul 2018 11:42
 Operator : JU/SJ
 Sample : PB111272BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111272BL

Quant Time: Jul 20 12:41:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43606	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	157208	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	103502	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	297910	20.00	ng	0.00
75) Chrysene-d12	21.66	240	354549	20.00	ng	-0.02
86) Perylene-d12	24.86	264	327326	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	349272	132.98	ng	0.00
7) Phenol-d6	7.20	99	473970	120.95	ng	0.00
23) Nitrobenzene-d5	9.19	82	312571	83.06	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	186789	136.92	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	710620	91.98	ng	0.00
78) Terphenyl-d14	20.00	244	1414363	87.93	ng	0.00

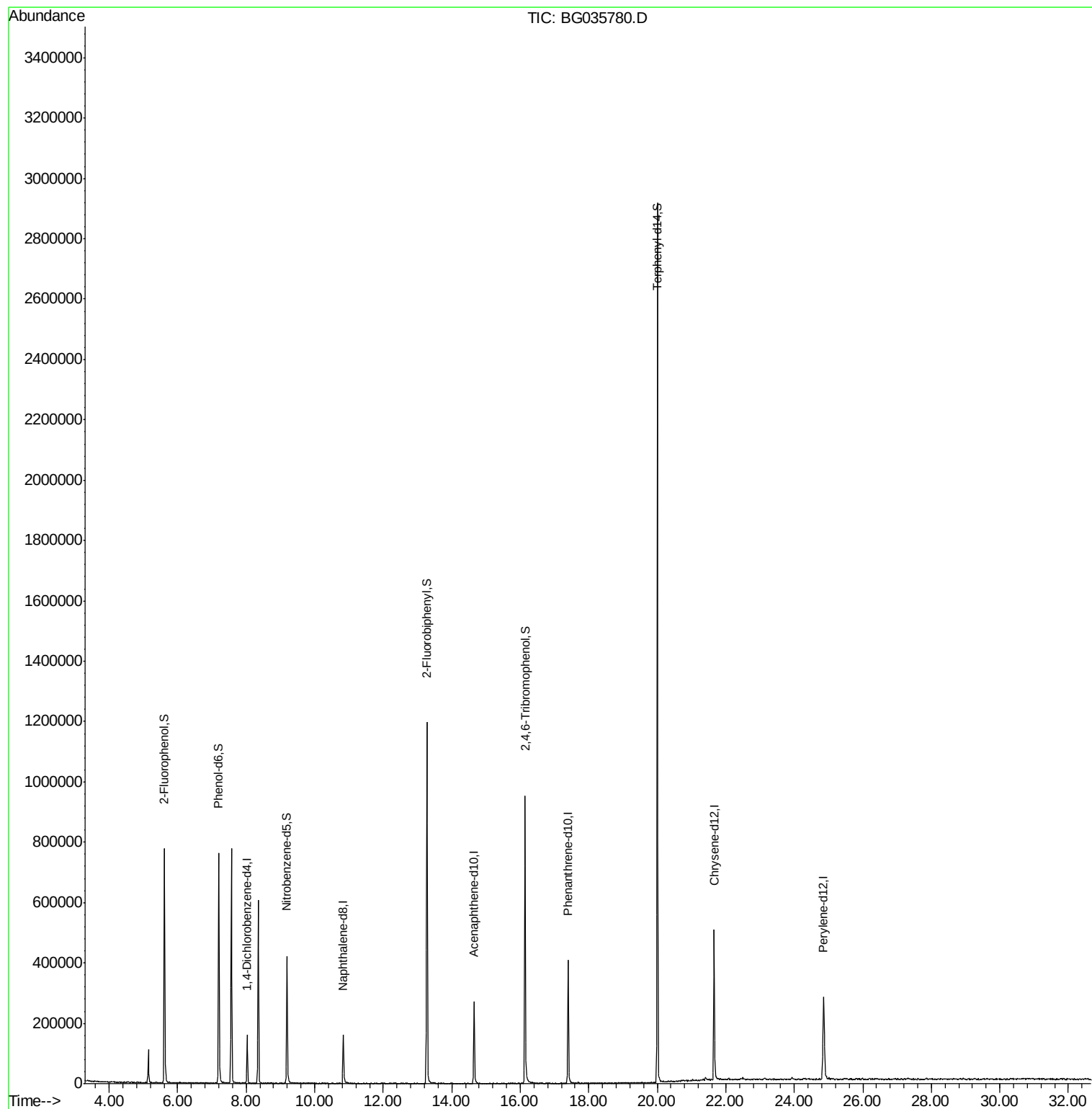
Target Compounds Qvalue

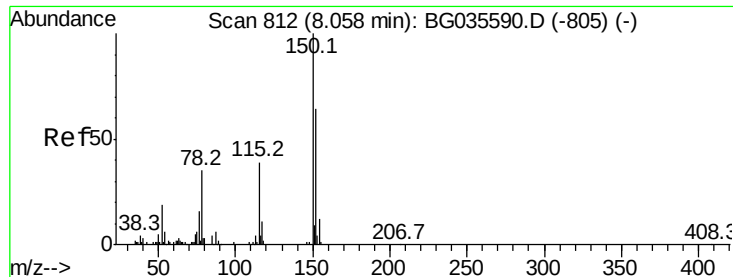
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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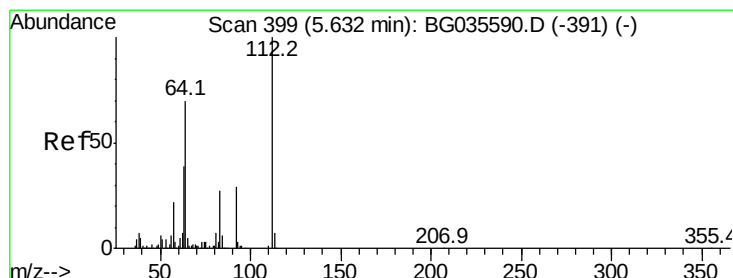
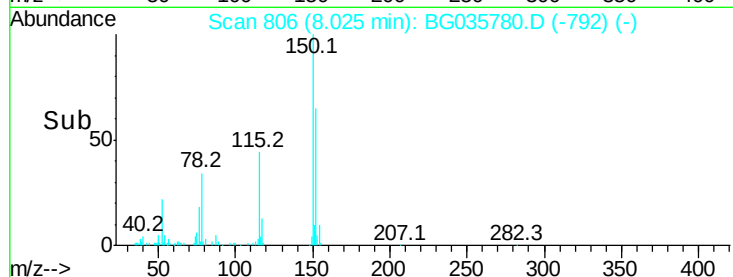
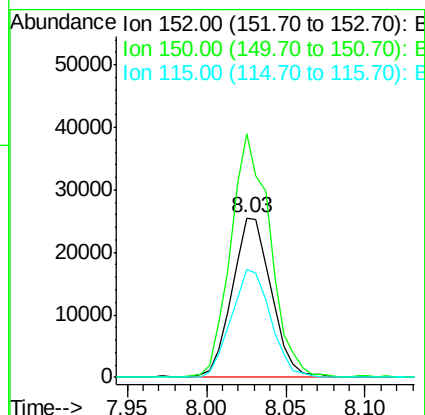
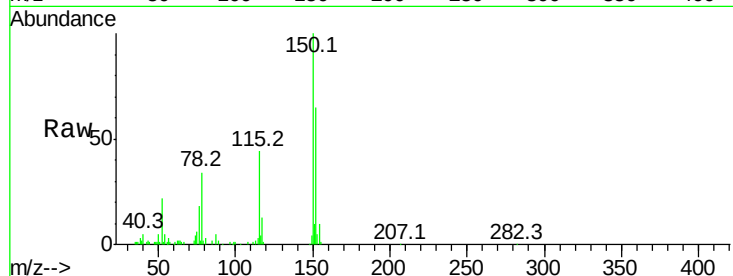


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Instrument :
BNA_G
ClientSampleId :
PB111272BL

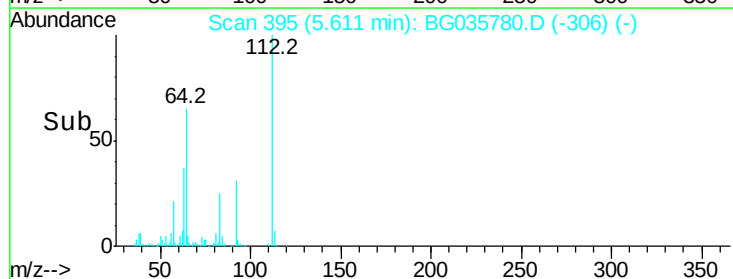
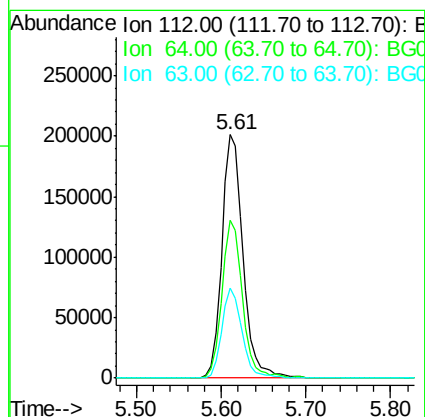
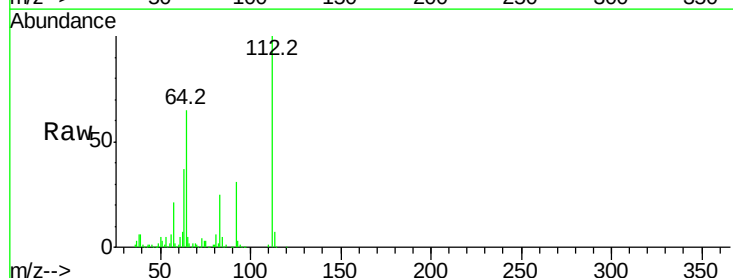
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.6	189.8
115	67.6	53.0	79.4

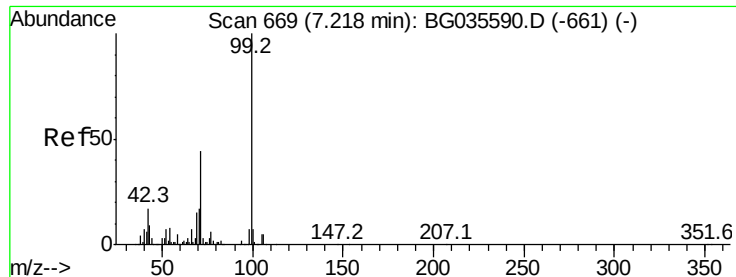


#5

2-Fluorophenol
Concen: 132.980 ng
RT: 5.61 min Scan# 395
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.1	56.3	84.5
63	36.9	30.1	45.1





#7

Phenol-d6

Concen: 120.951 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035780.D

Acq: 20 Jul 2018 11:42

Instrument :

BNA_G

ClientSampleId :

PB111272BL

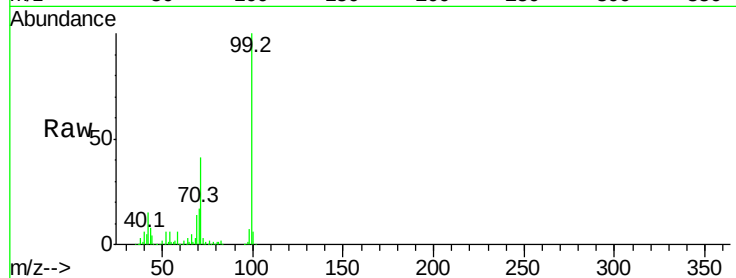
Tot Ion: 99 Resp: 473970

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

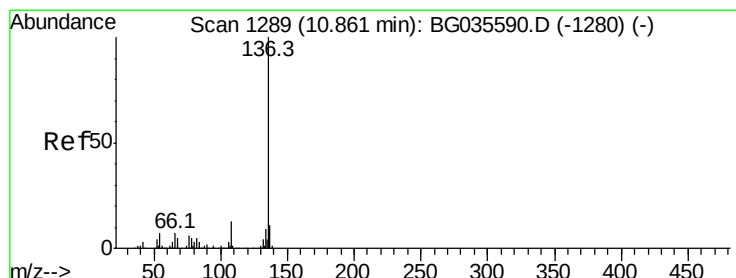
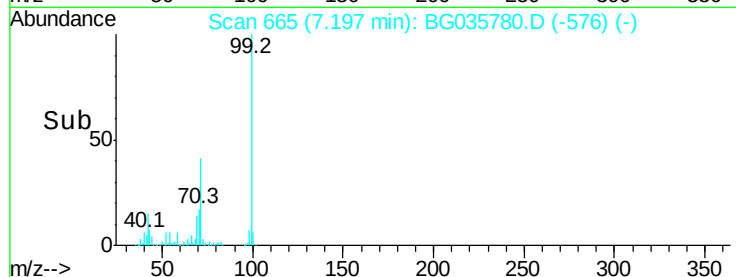
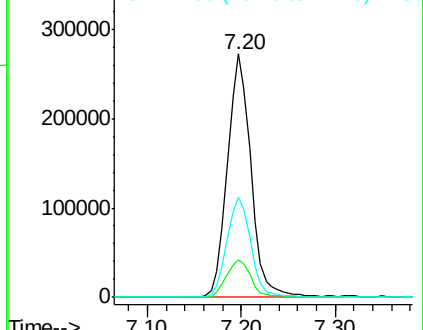
71 41.4 26.1 39.1#



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# 1284

Delta R.T. -0.01 min

Lab File: BG035780.D

Acq: 20 Jul 2018 11:42

Tgt Ion:136 Resp: 157208

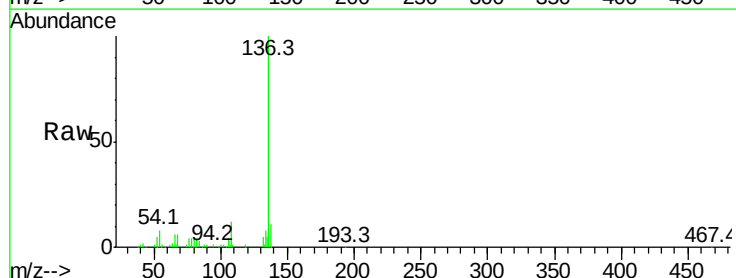
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 8.4 10.3 15.5#

68 5.8 4.5 6.7

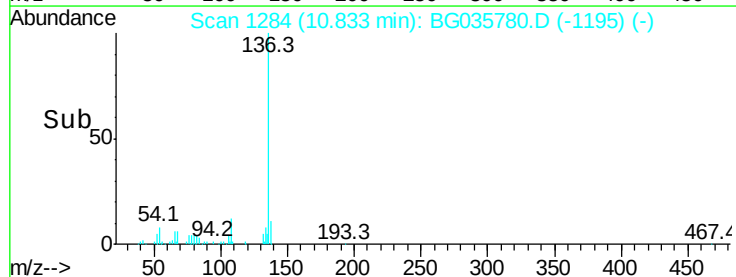
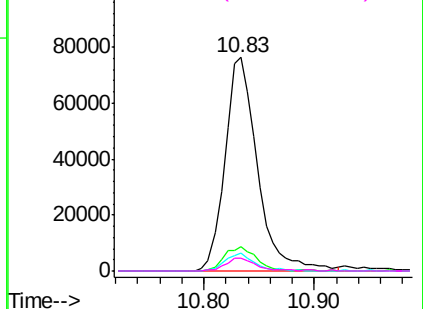


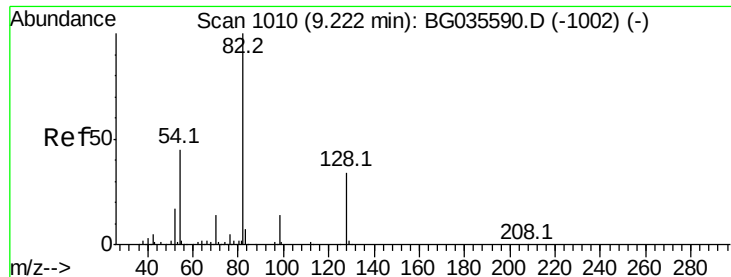
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

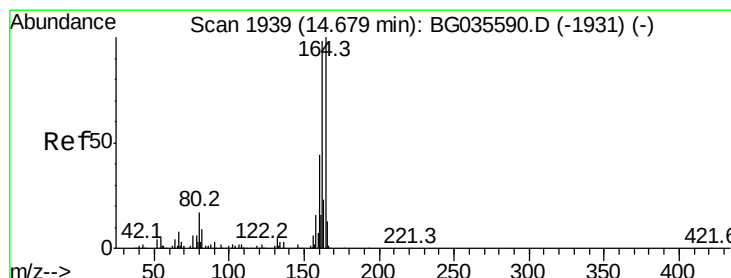
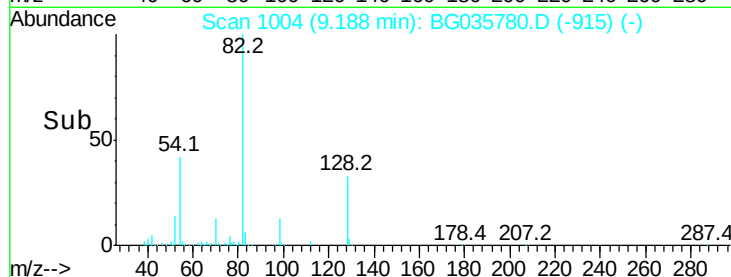
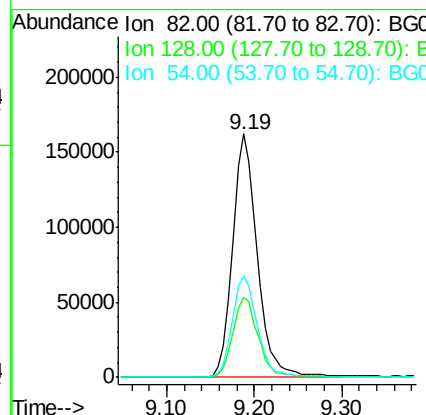
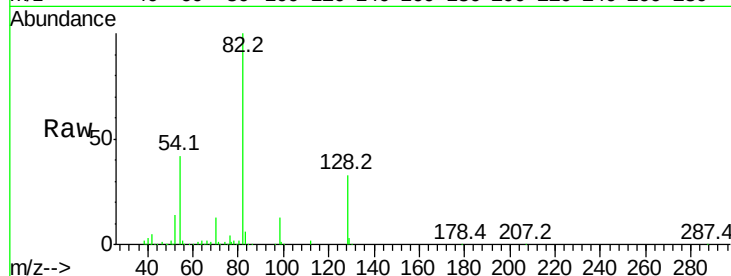




#23
 Nitrobenzene-d5
 Concen: 83.059 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BG035780.D
 Acq: 20 Jul 2018 11:42

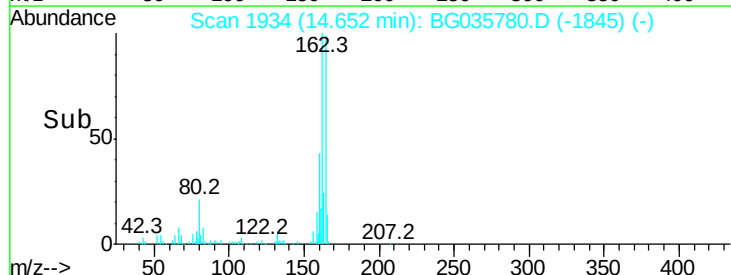
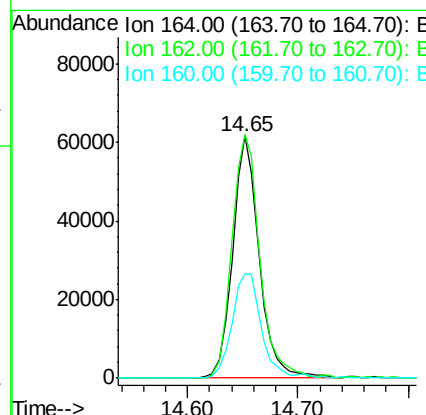
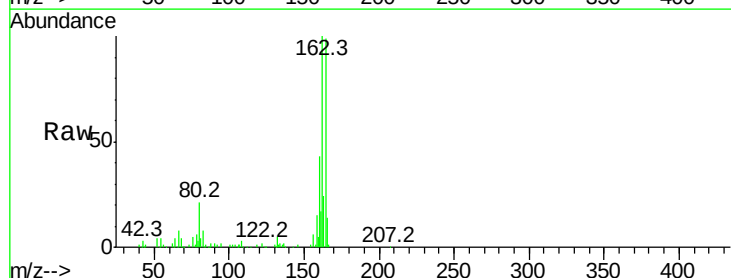
Instrument :
 BNA_G
 ClientSampleId :
 PB111272BL

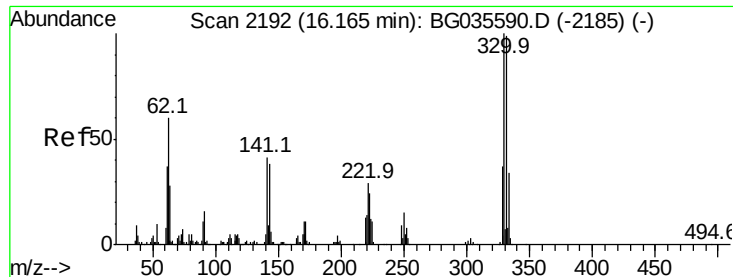
Tot Ion: 82 Resp: 312571
 Ion Ratio Lower Upper
 82 100
 128 32.7 29.7 44.5
 54 41.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BG035780.D
 Acq: 20 Jul 2018 11:42

Tgt Ion:164 Resp: 103502
 Ion Ratio Lower Upper
 164 100
 162 100.7 78.8 118.2
 160 42.8 35.4 53.0

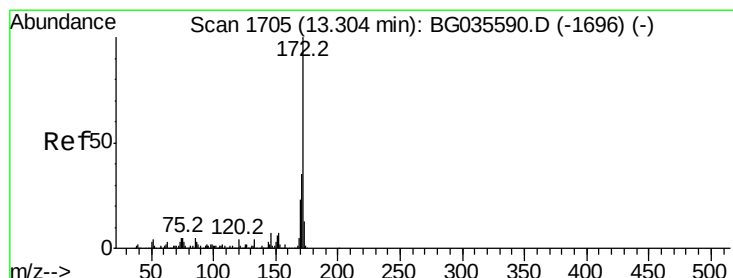
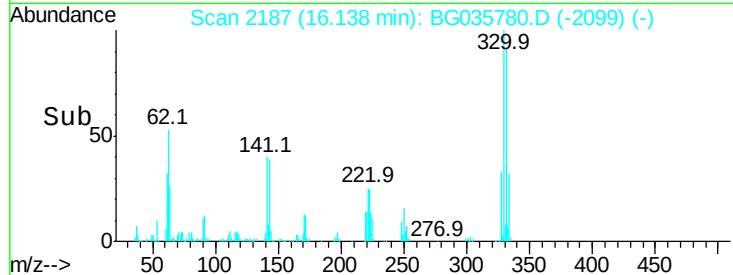
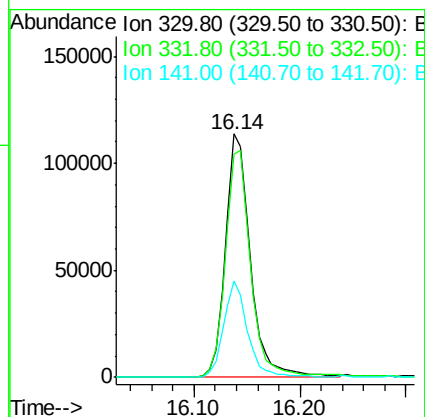
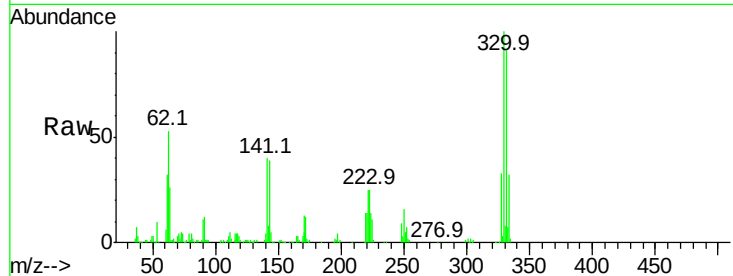




#41
 2,4,6-Tribromophenol
 Concen: 136.920 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BG035780.D
 Acq: 20 Jul 2018 11:42

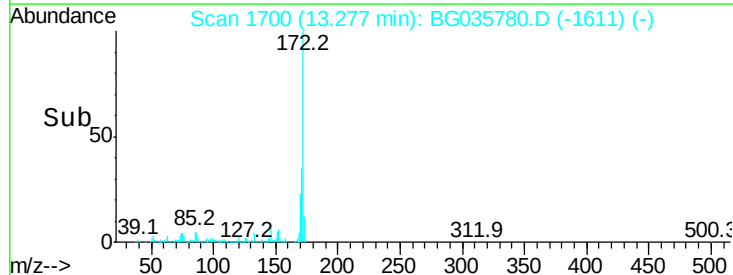
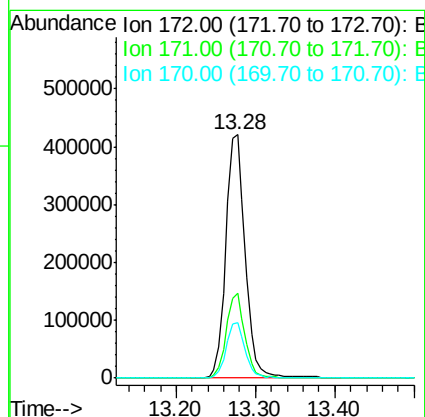
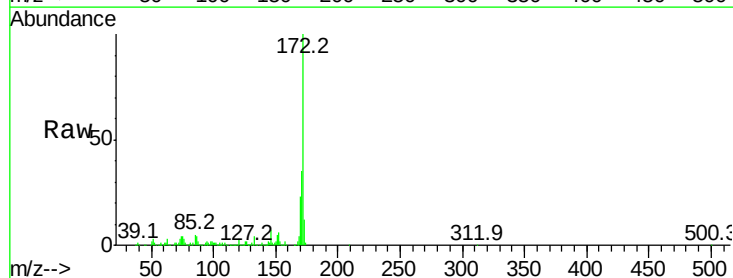
Instrument :
 BNA_G
 ClientSampleId :
 PB111272BL

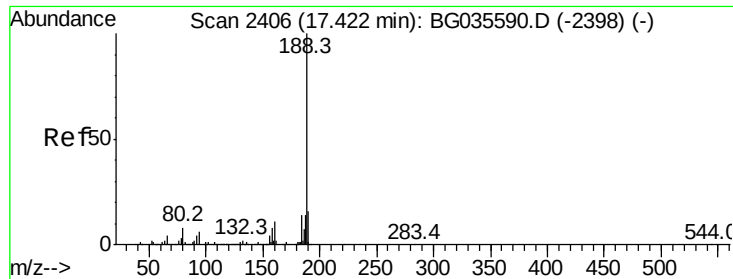
Tot Ion:330 Resp: 186789
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 38.1 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 91.983 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035780.D
 Acq: 20 Jul 2018 11:42

Tgt Ion:172 Resp: 710620
 Ion Ratio Lower Upper
 172 100
 171 34.6 30.0 45.0
 170 22.9 19.5 29.3

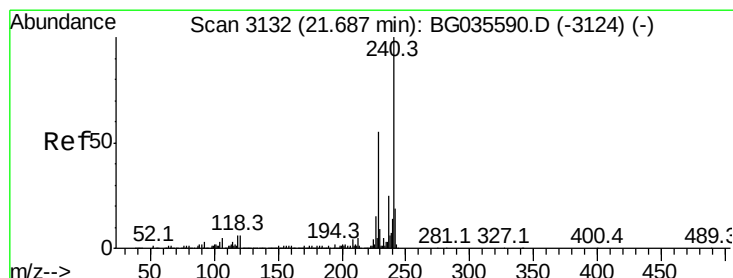
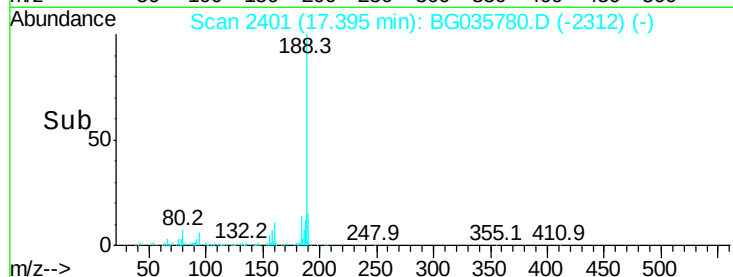
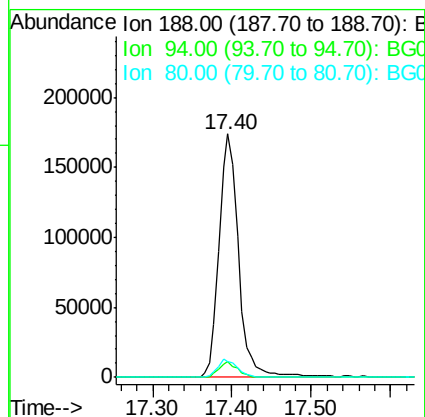
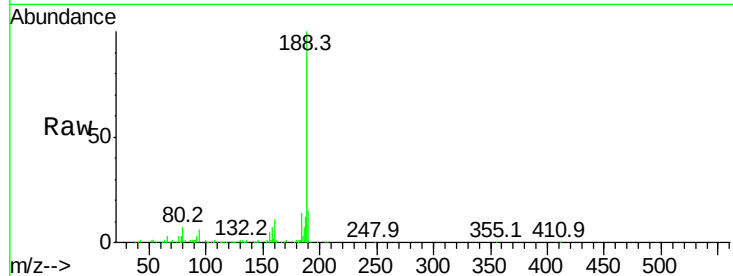




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

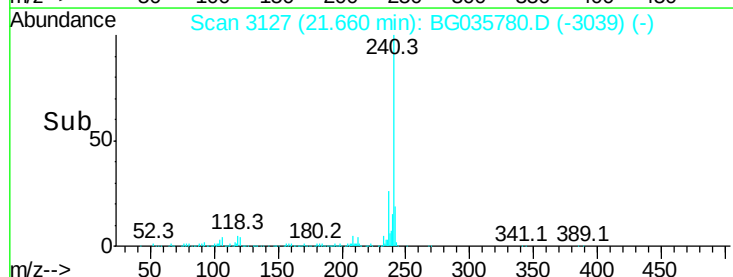
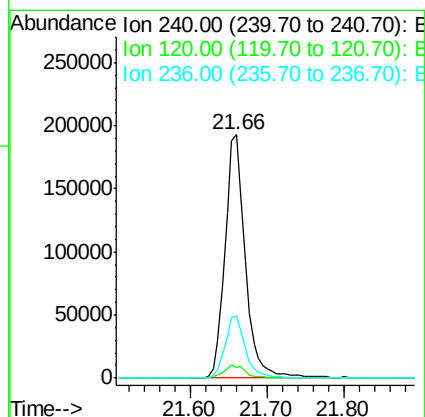
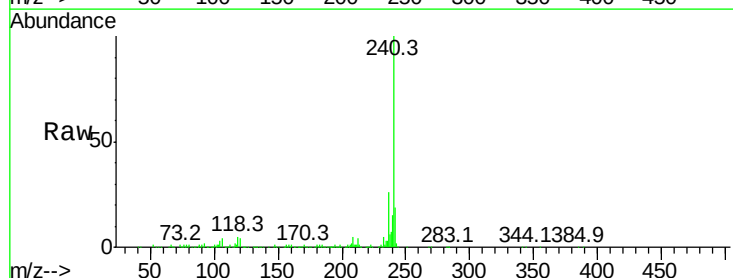
Instrument :
BNA_G
ClientSampleId :
PB111272BL

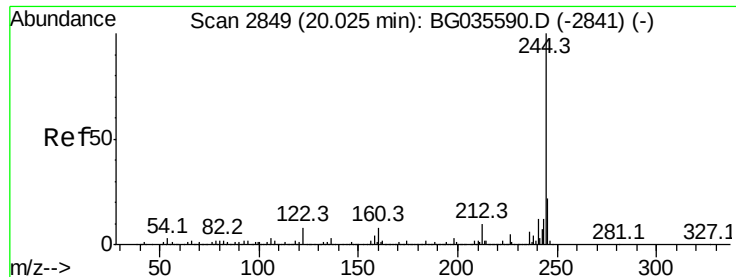
Tot Ion:188 Resp: 297910
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BG035780.D
Acq: 20 Jul 2018 11:42

Tgt Ion:240 Resp: 354549
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 87.934 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BG035780.D

Acq: 20 Jul 2018 11:42

Instrument :

BNA_G

ClientSampled :

PB111272BL

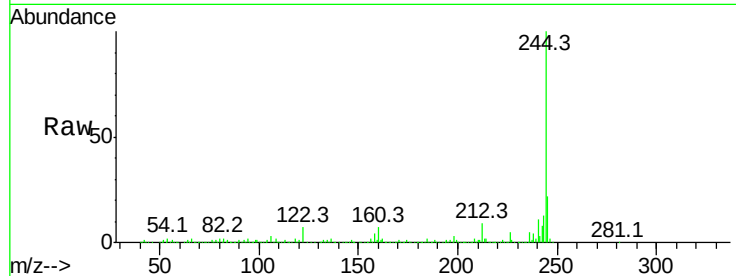
Tot Ion:244 Resp: 1414363

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

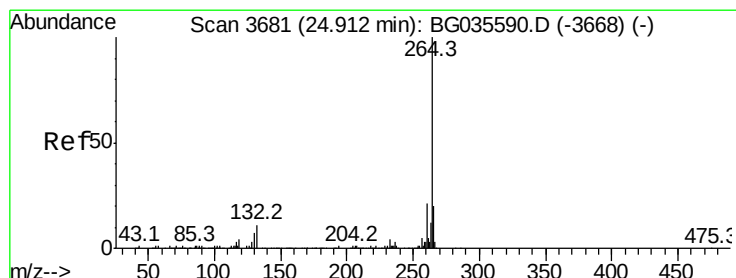
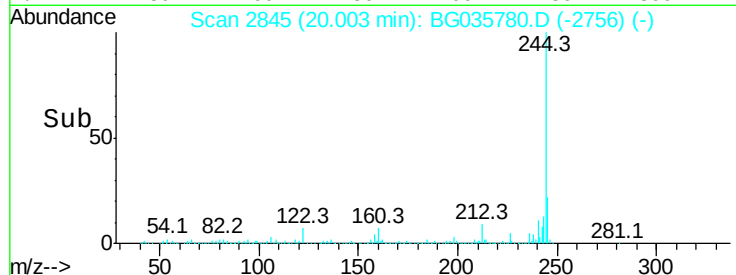
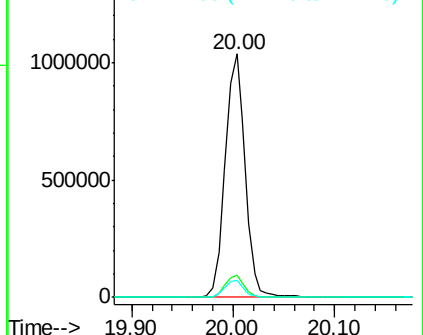
122 6.9 7.0 10.4#



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. -0.02 min

Lab File: BG035780.D

Acq: 20 Jul 2018 11:42

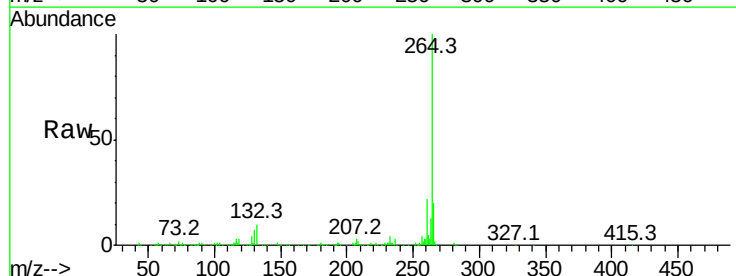
Tgt Ion:264 Resp: 327326

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 20.2 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

