

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071918\
 Data File : BG035759.D
 Acq On : 19 Jul 2018 21:26
 Operator : JU/SJ
 Sample : J4030-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0

Quant Time: Jul 20 02:28:35 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	47652	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	159329	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	109393	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	306634	20.00	ng	0.00
75) Chrysene-d12	21.66	240	396936	20.00	ng	-0.02
86) Perylene-d12	24.86	264	370839	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	362500	126.30	ng	0.00
7) Phenol-d6	7.20	99	442955	103.44	ng	0.00
23) Nitrobenzene-d5	9.19	82	362684	95.09	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	236189	163.81	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	803174	98.37	ng	-0.01
78) Terphenyl-d14	20.01	244	1741088	96.69	ng	0.00

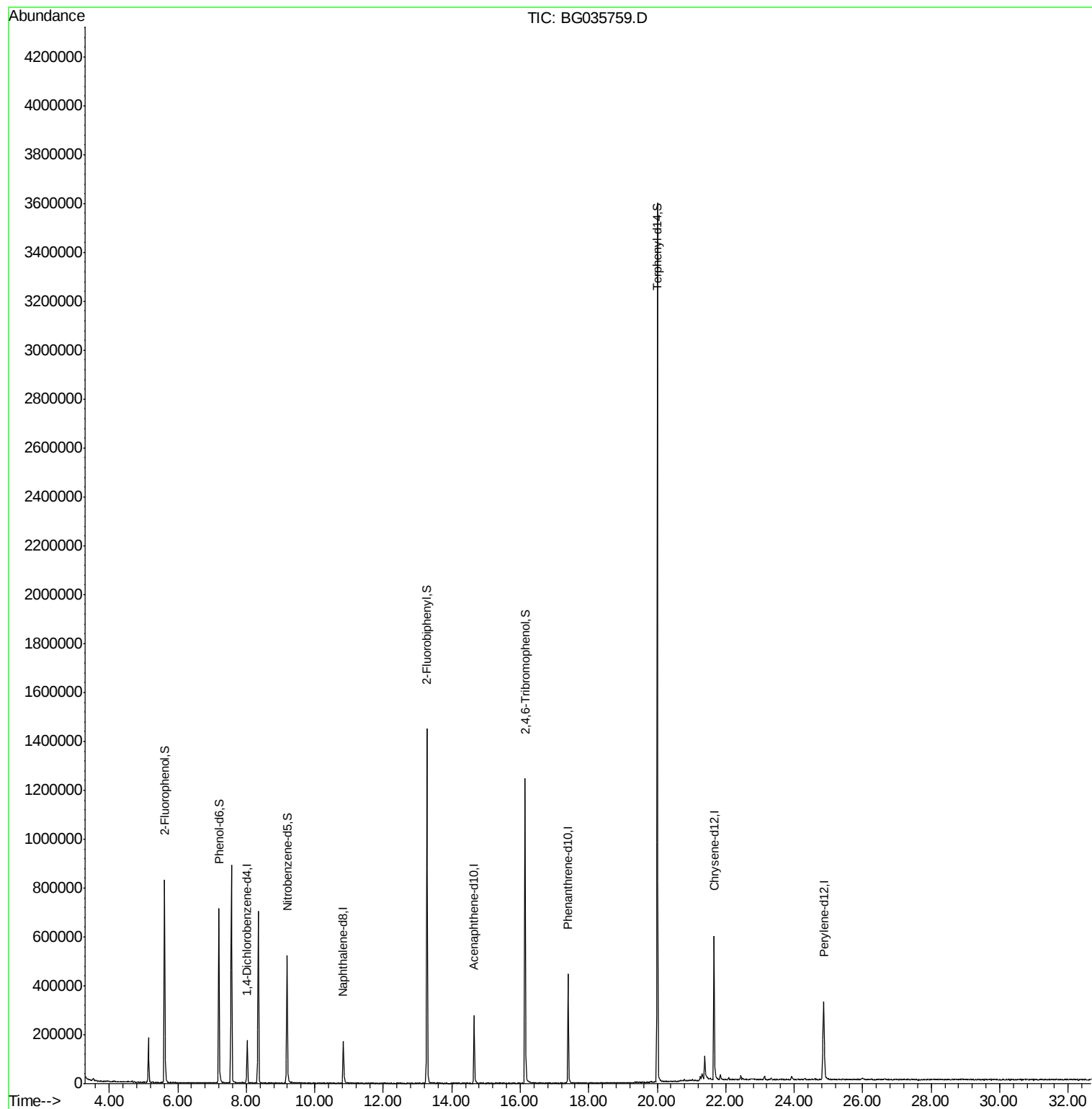
Target Compounds Qvalue

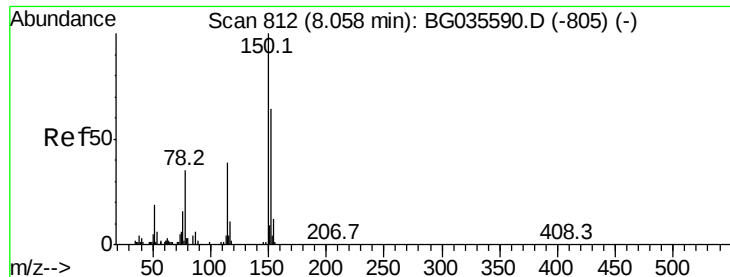
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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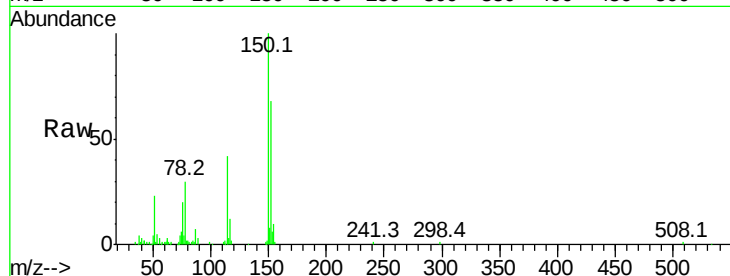


#1

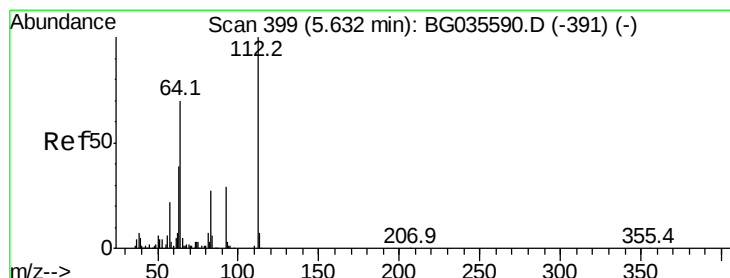
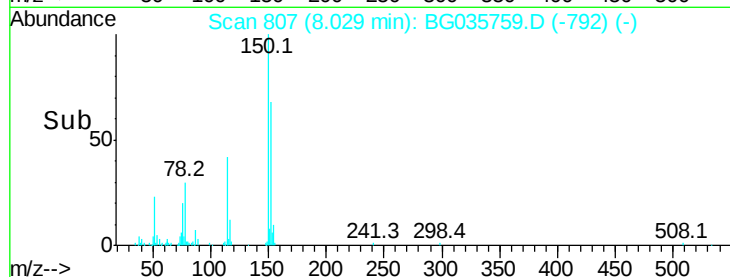
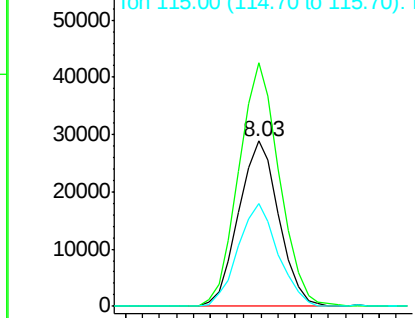
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Instrument :
BNA_G
ClientSampled :
SB1-12-0

Tot Ion:152 Resp: 47652
Ion Ratio Lower Upper
152 100
150 147.6 126.6 189.8
115 62.6 53.0 79.4



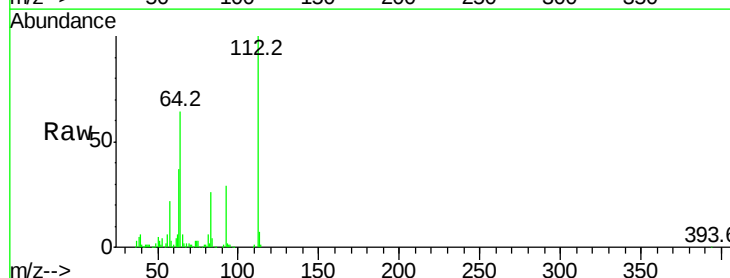
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



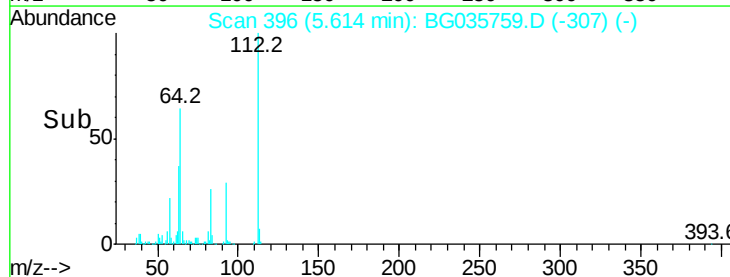
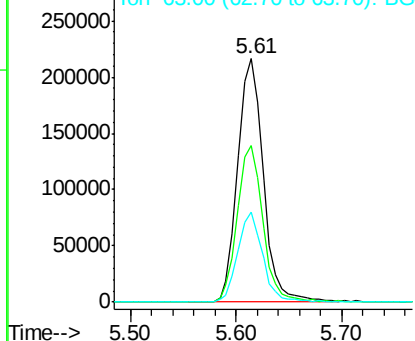
#5

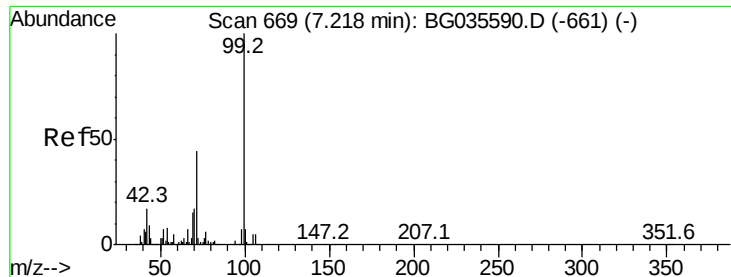
2-Fluorophenol
Concen: 126.298 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:112 Resp: 362500
Ion Ratio Lower Upper
112 100
64 64.5 56.3 84.5
63 37.1 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: 103.439 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035759.D

Acq: 19 Jul 2018 21:26

Instrument :

BNA_G

ClientSampleId :

SB1-12-0

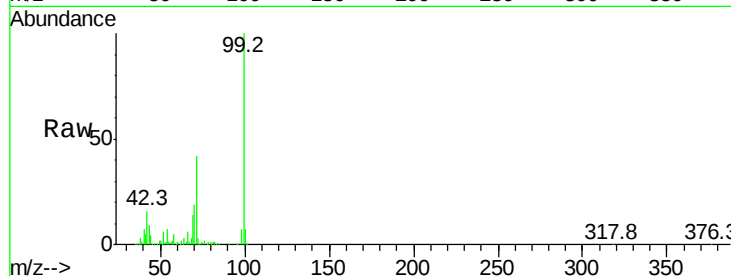
Tot Ion: 99 Resp: 442955

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

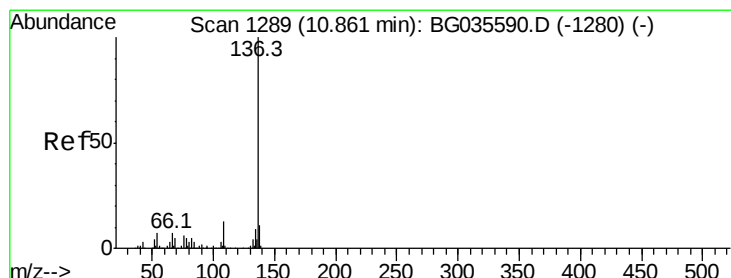
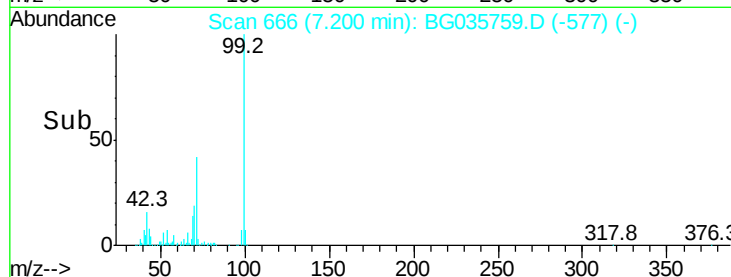
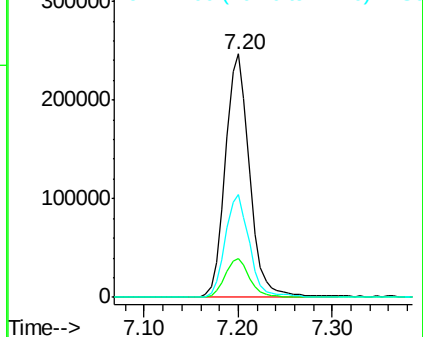
71 42.5 26.1 39.1#



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: BG035759.D

Acq: 19 Jul 2018 21:26

Tgt Ion: 136 Resp: 159329

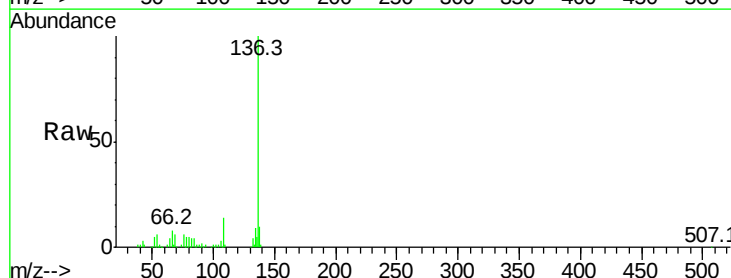
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 6.2 10.3 15.5#

68 5.9 4.5 6.7

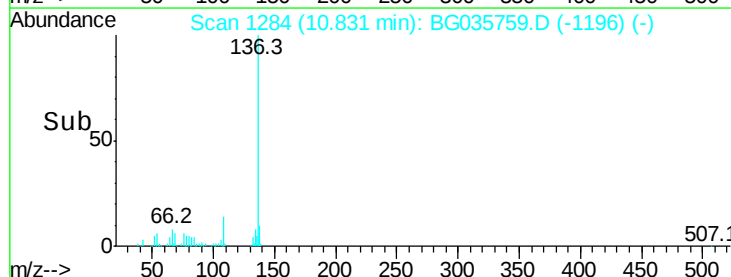
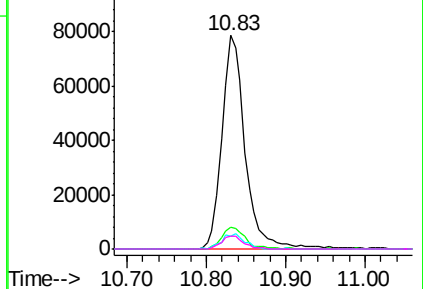


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

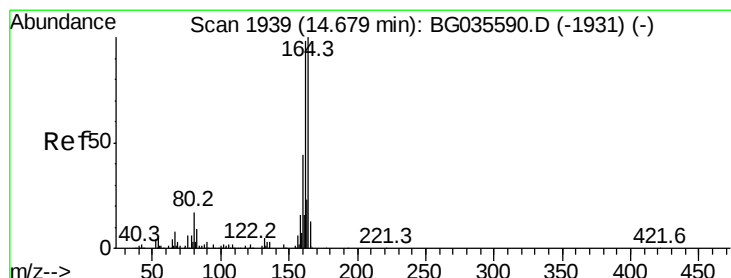
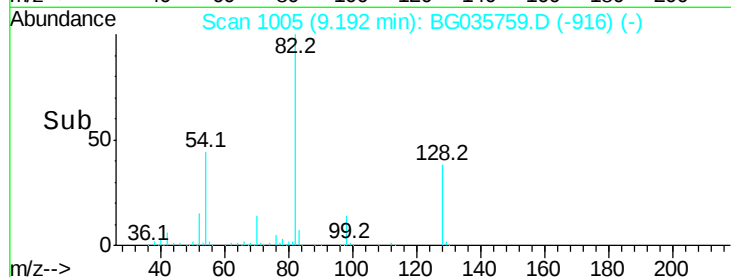
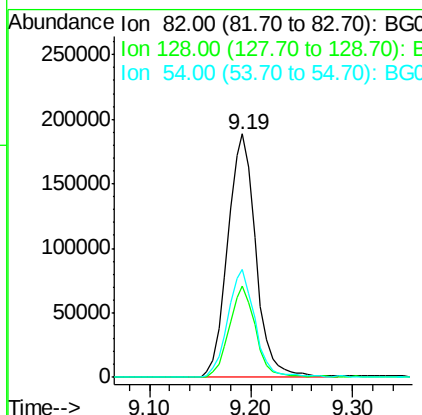
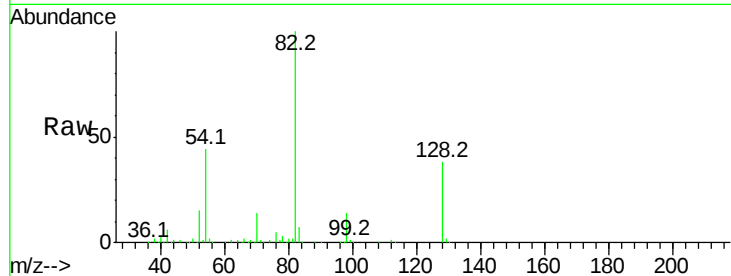




#23
 Nitrobenzene-d5
 Concen: 95.093 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG035759.D
 Acq: 19 Jul 2018 21:26

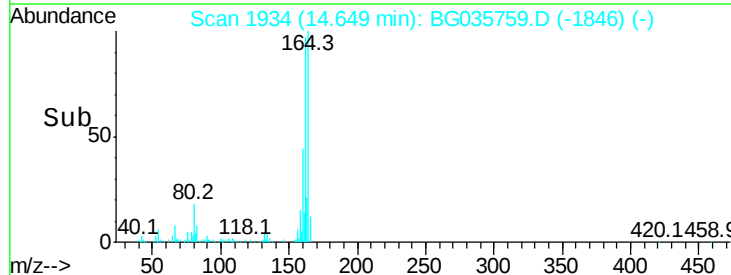
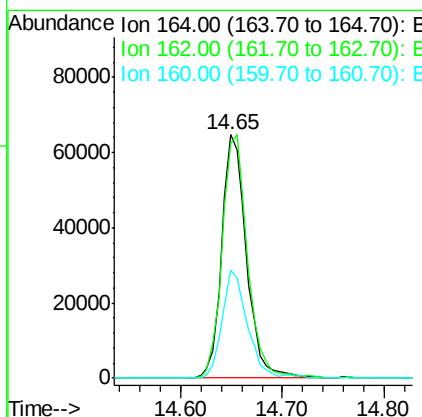
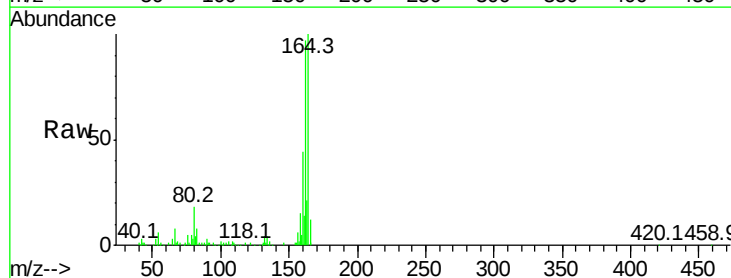
Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0

Tot Ion	82	Resp	362684
Ion Ratio	Lower	Upper	
82	100		
128	37.7	29.7	44.5
54	44.2	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: BG035759.D
 Acq: 19 Jul 2018 21:26

Tgt Ion	164	Resp	109393
Ion Ratio	Lower	Upper	
164	100		
162	96.6	78.8	118.2
160	44.1	35.4	53.0

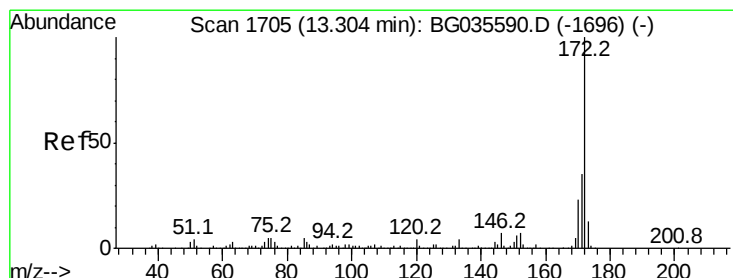
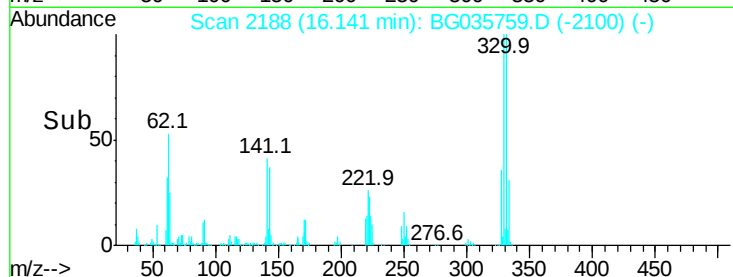
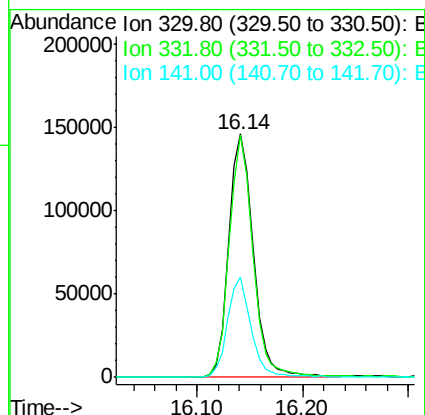
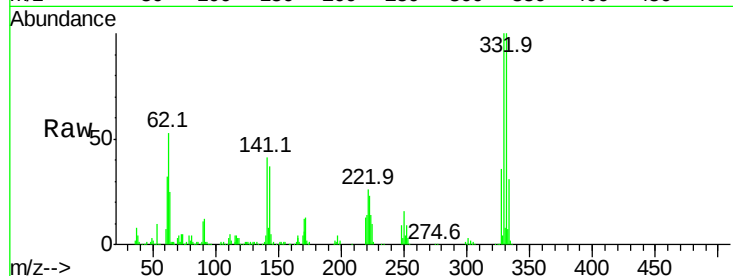




#41
2,4,6-Tribromophenol
Concen: 163.807 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

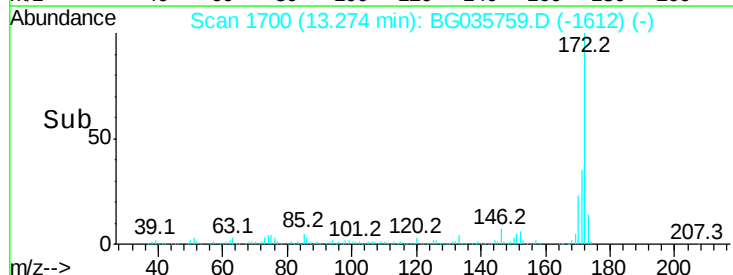
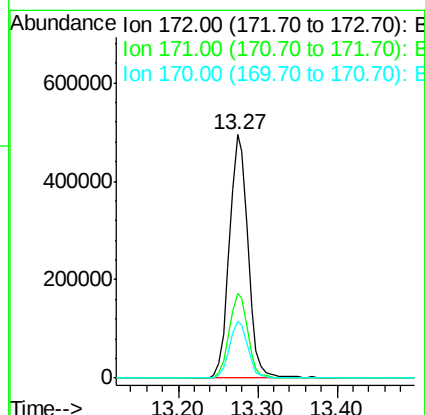
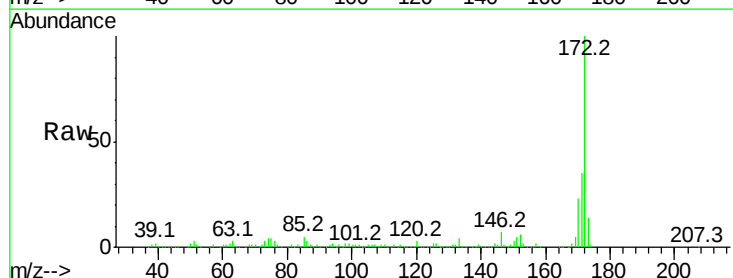
Instrument :
BNA_G
ClientSampleId :
SB1-12-0

Tot Ion:330 Resp: 236189
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 39.3 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 98.365 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BG035759.D
Acq: 19 Jul 2018 21:26

Tgt Ion:172 Resp: 803174
Ion Ratio Lower Upper
172 100
171 35.0 30.0 45.0
170 23.4 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG035759.D

Acq: 19 Jul 2018 21:26

Instrument :

BNA_G

ClientSampleId :

SB1-12-0

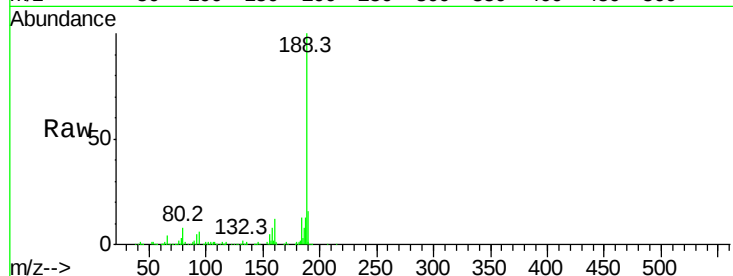
Tot Ion:188 Resp: 306634

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

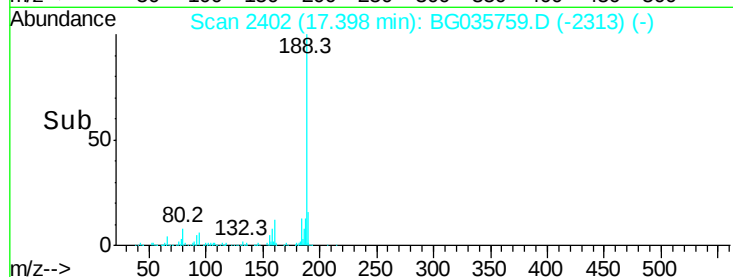
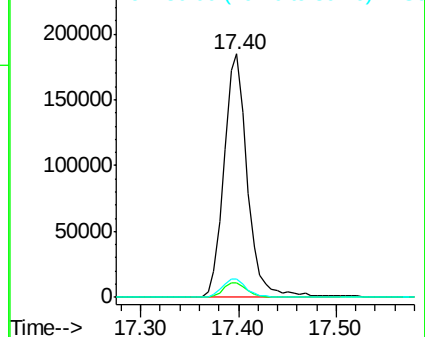
80 7.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG035759.D

Acq: 19 Jul 2018 21:26

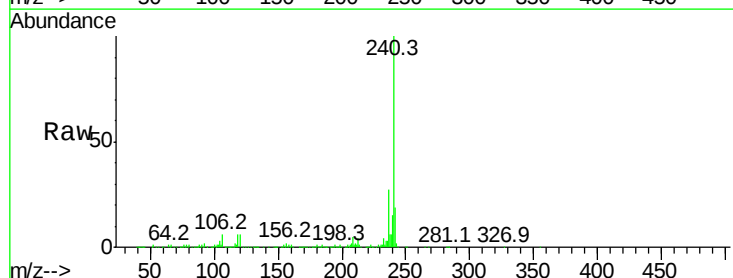
Tgt Ion:240 Resp: 396936

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

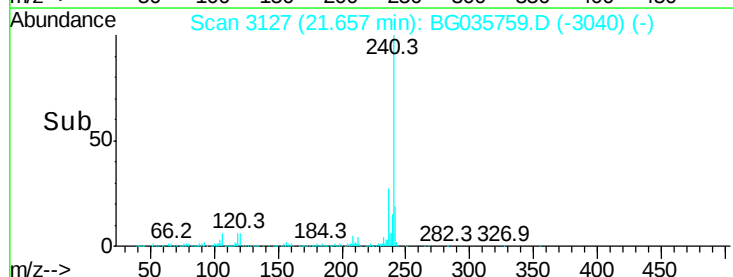
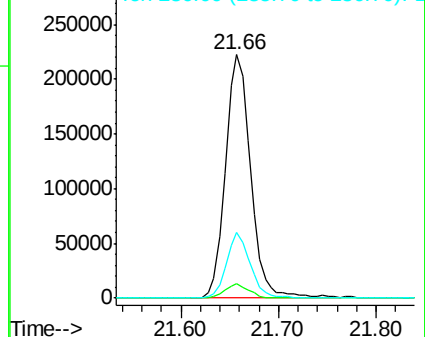
236 27.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

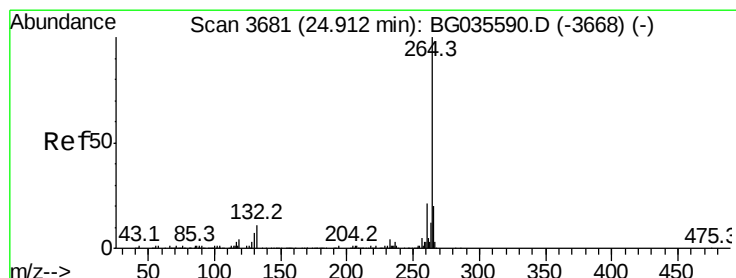
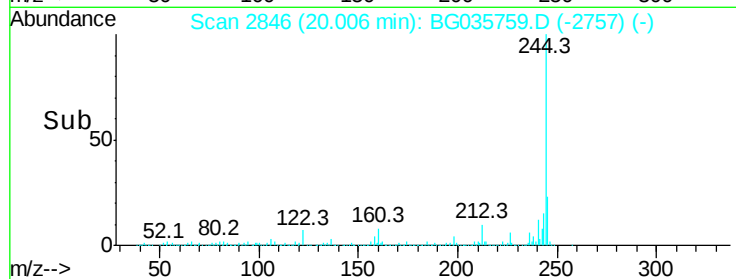
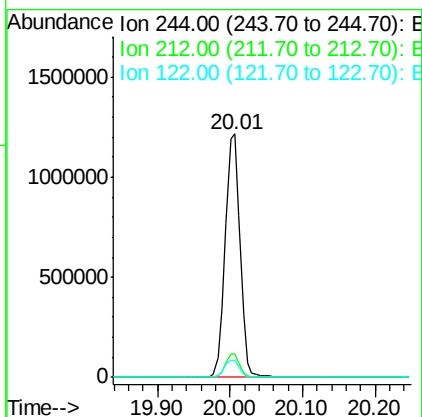
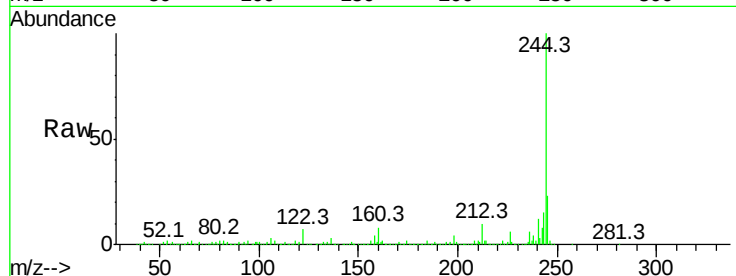




#78
 Terphenyl-d14
 Concen: 96.688 ng
 RT: 20.01 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BG035759.D
 Acq: 19 Jul 2018 21:26

Instrument :
 BNA_G
 ClientSampleId :
 SB1-12-0

Tot Ion:244 Resp: 1741088
 Ion Ratio Lower Upper
 244 100
 212 9.9 5.8 8.8#
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. -0.02 min
 Lab File: BG035759.D
 Acq: 19 Jul 2018 21:26

Tgt Ion:264 Resp: 370839
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 20.5 17.7 26.5

