

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035634.D
 Acq On : 13 Jul 2018 18:07
 Operator : JU/SJ
 Sample : J3958-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-STONE

Quant Time: Jul 14 00:44:22 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

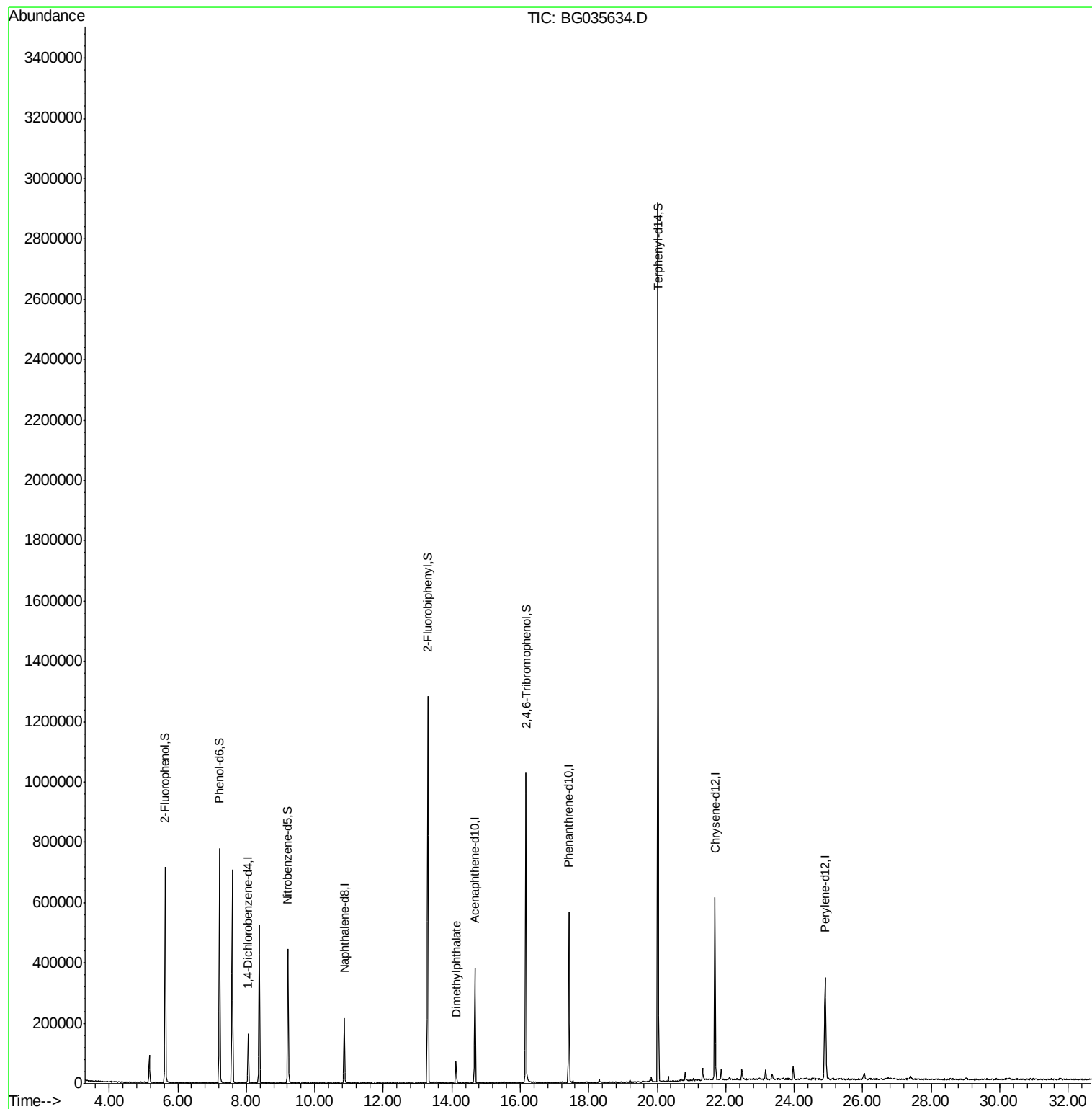
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45884	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	180400	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	131543	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	370535	20.00	ng	0.00
75) Chrysene-d12	21.69	240	390832	20.00	ng	0.00
86) Perylene-d12	24.91	264	366143	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	302961	109.62	ng	0.00
7) Phenol-d6	7.22	99	460231	111.61	ng	0.00
23) Nitrobenzene-d5	9.22	82	295176	68.35	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	189398	109.24	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	688553	70.13	ng	0.00
78) Terphenyl-d14	20.02	244	1295698	73.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.13	163	52114	4.522	ng	99

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

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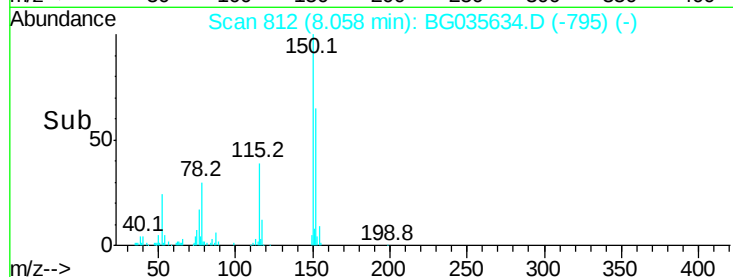
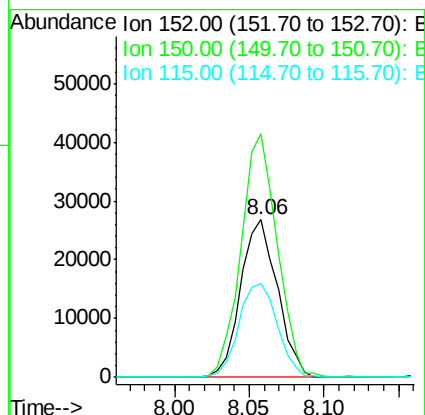
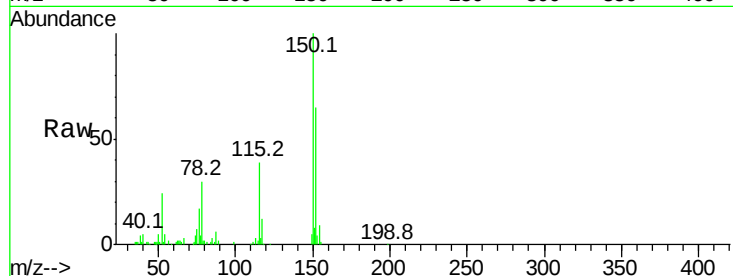


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035634.D
Acq: 13 Jul 2018 18:07

Instrument :
BNA_G
ClientSampled :
CS-STONE

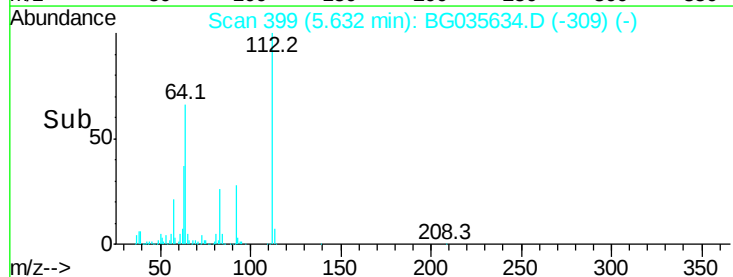
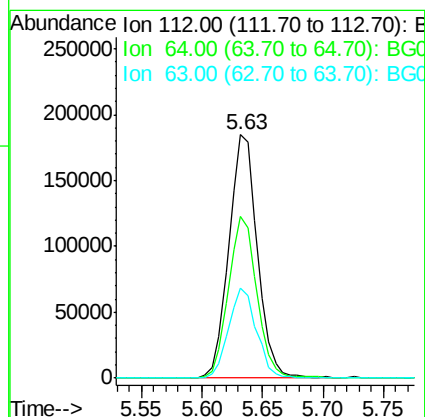
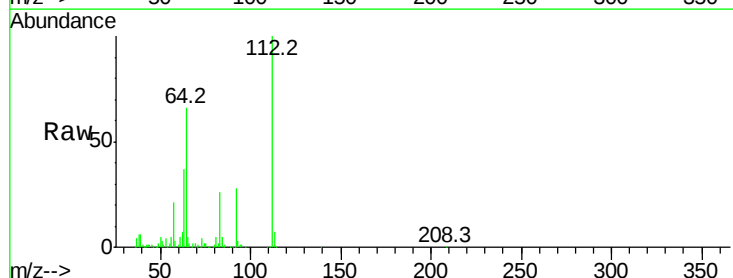
Tot Ion:152 Resp: 45884
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 59.9 53.0 79.4



#5

2-Fluorophenol
Concen: 109.621 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG035634.D
Acq: 13 Jul 2018 18:07

Tgt Ion:112 Resp: 302961
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 37.1 30.1 45.1





#7

Phenol-d6

Concen: 111.614 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035634.D

Acq: 13 Jul 2018 18:07

Instrument :

BNA_G

ClientSampleId :

CS-STONE

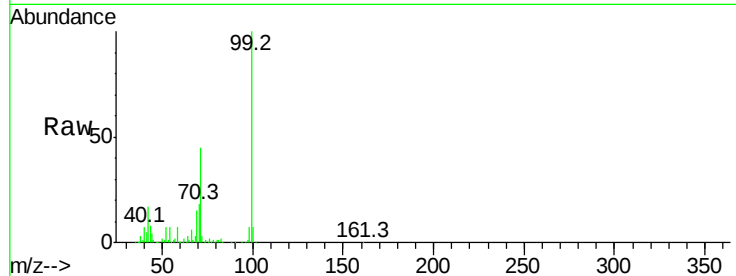
Tot Ion: 99 Resp: 460231

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

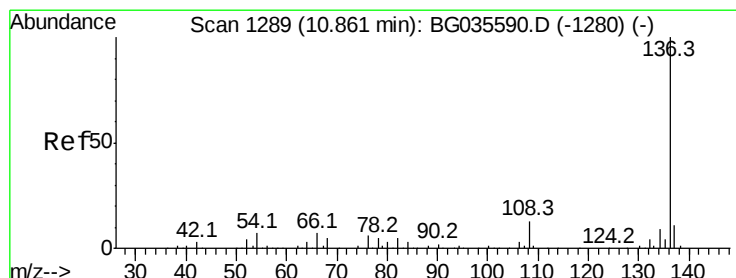
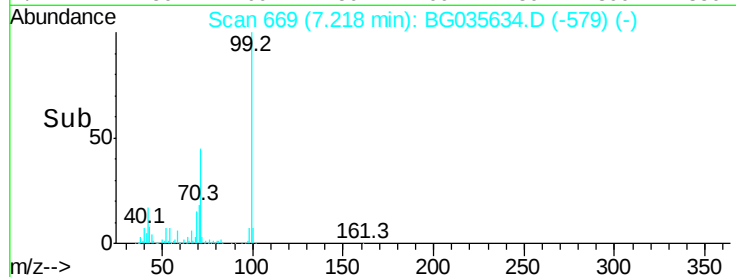
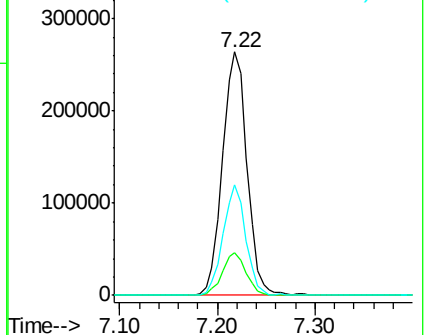
71 45.4 26.1 39.1#



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: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035634.D

Acq: 13 Jul 2018 18:07

Tgt Ion: 136 Resp: 180400

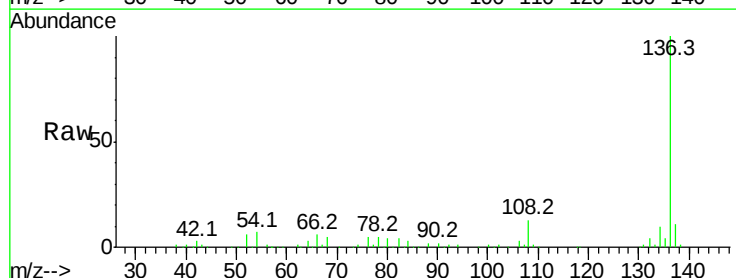
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.0 10.3 15.5#

68 5.2 4.5 6.7

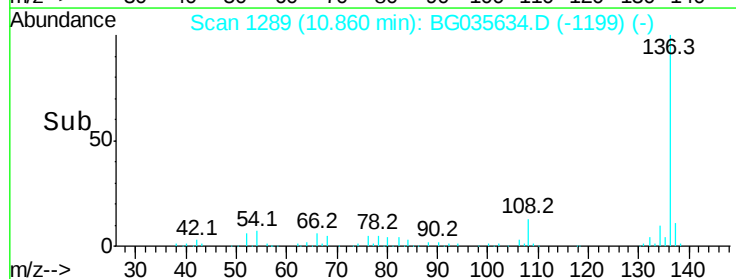
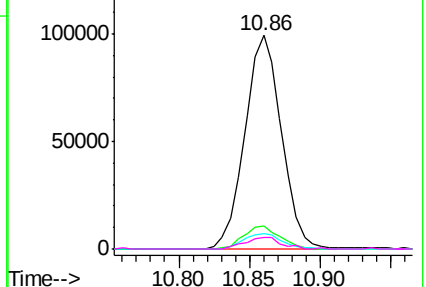


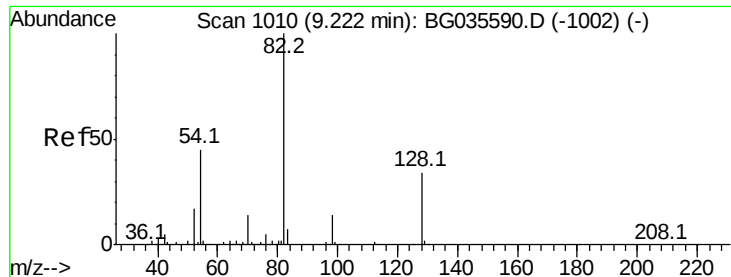
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

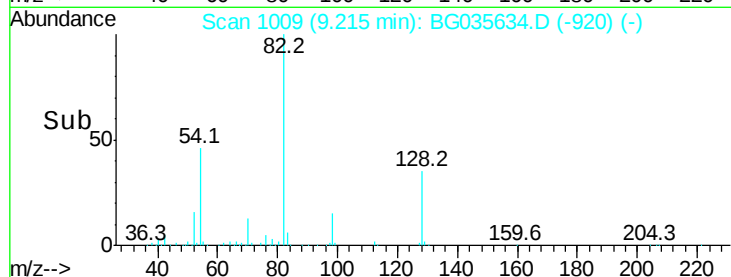
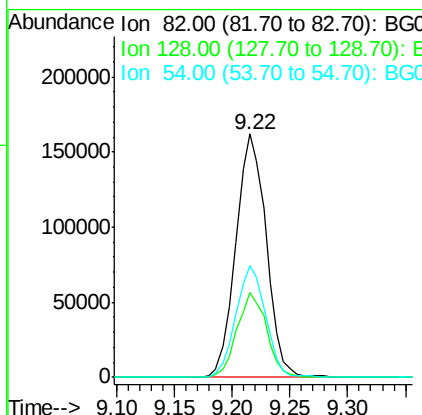
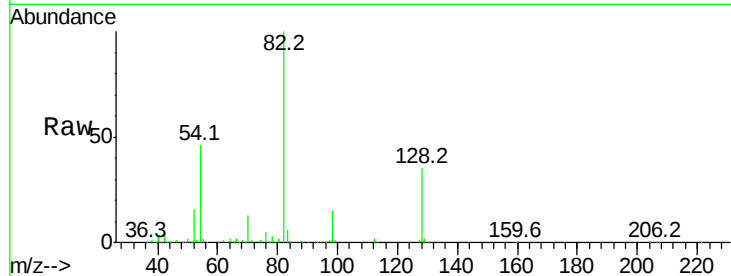




#23
 Nitrobenzene-d5
 Concen: 68.353 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035634.D
 Acq: 13 Jul 2018 18:07

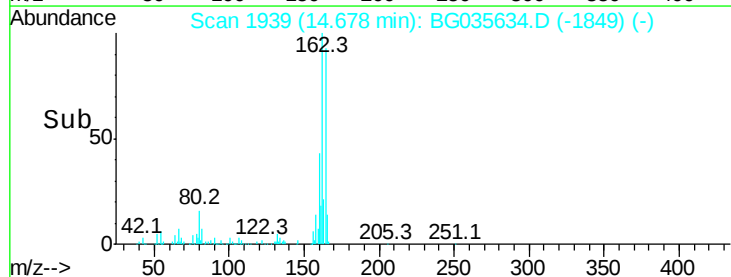
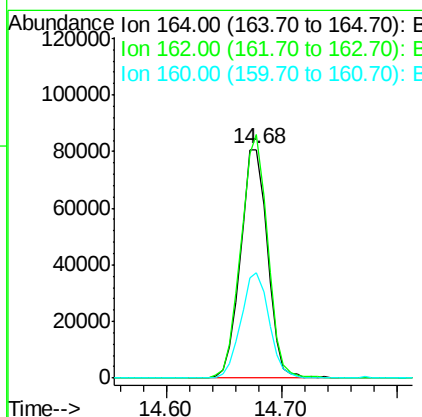
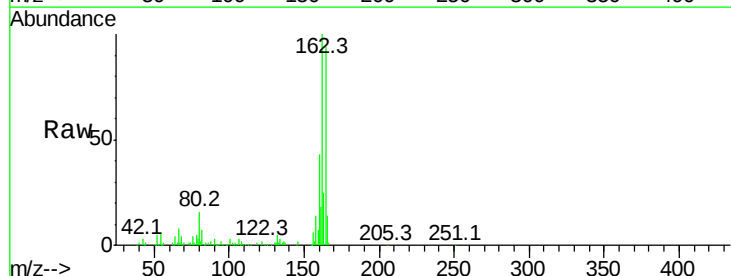
Instrument :
 BNA_G
 ClientSampleId :
 CS-STONE

Tot Ion	82	Resp	295176
Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.7	44.5
54	46.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035634.D
 Acq: 13 Jul 2018 18:07

Tgt Ion	164	Resp	131543
Ion	Ratio	Lower	Upper
164	100		
162	106.6	78.8	118.2
160	46.3	35.4	53.0

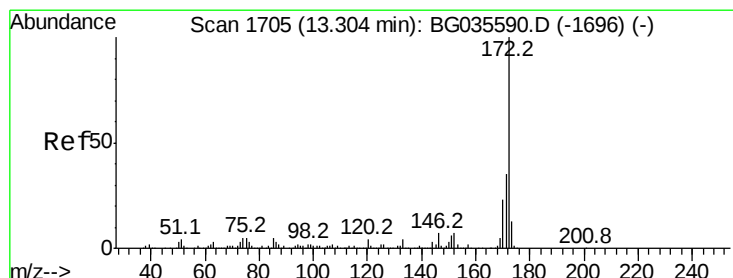
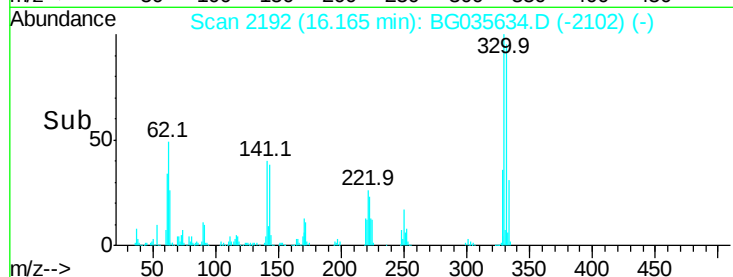
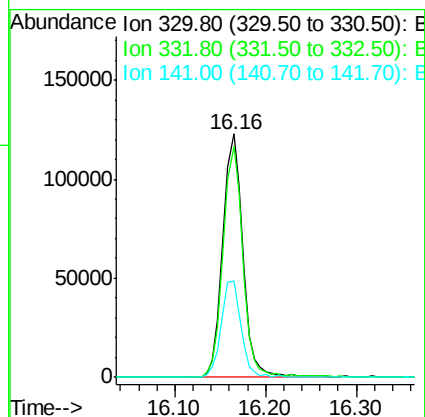
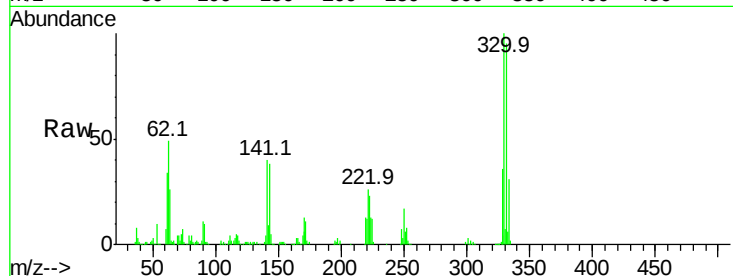




#41
 2,4,6-Tribromophenol
 Concen: 109.237 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG035634.D
 Acq: 13 Jul 2018 18:07

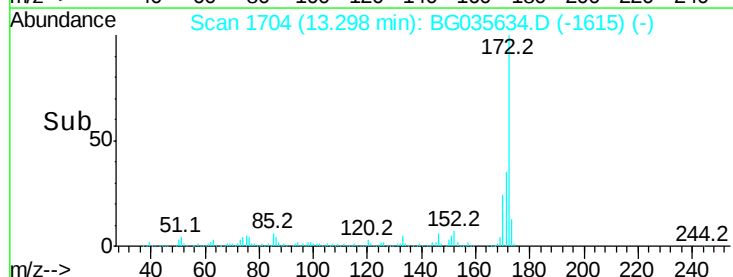
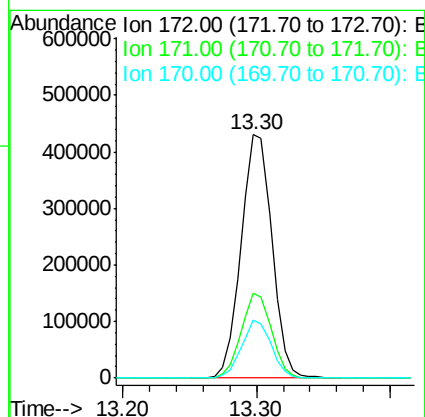
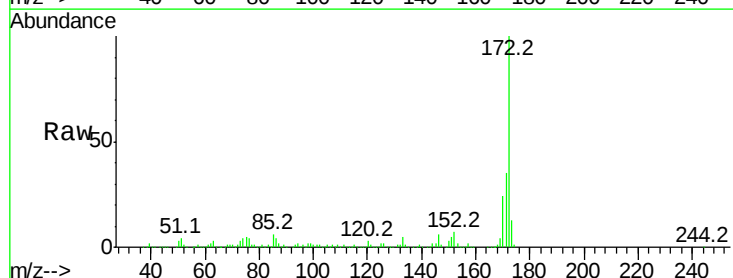
Instrument :
 BNA_G
 ClientSampleId :
 CS-STONE

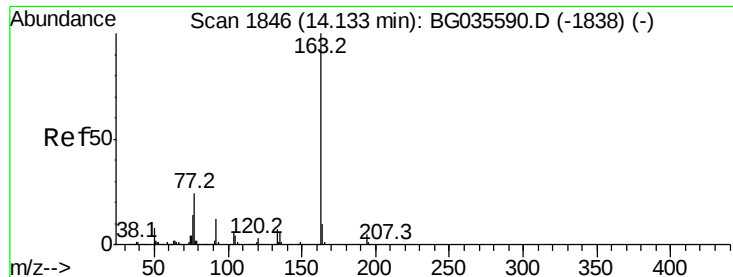
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.4	77.0	115.6
141	38.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 70.128 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035634.D
 Acq: 13 Jul 2018 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.9	19.5	29.3





#49

Dimethylphthalate

Concen: 4.522 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG035634.D

Acq: 13 Jul 2018 18:07

Instrument :

BNA_G

ClientSampleId :

CS-STONE

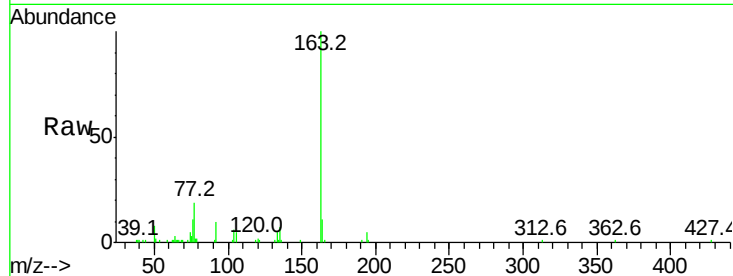
Tot Ion:163 Resp: 52114

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

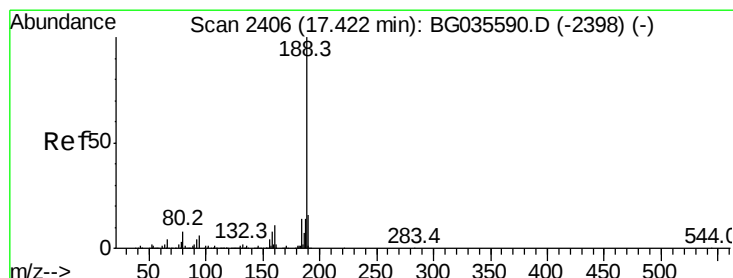
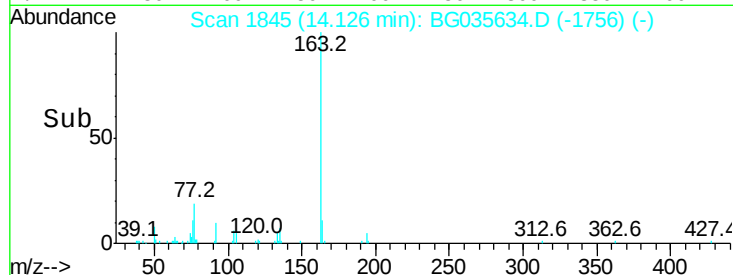
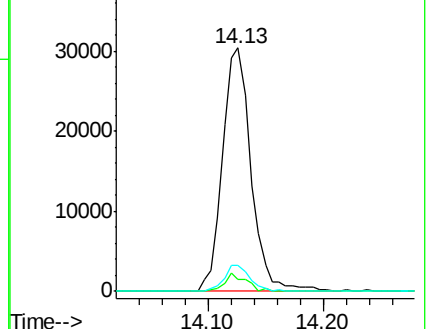
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035634.D

Acq: 13 Jul 2018 18:07

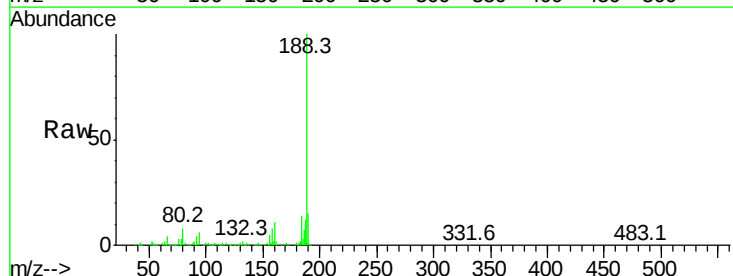
Tgt Ion:188 Resp: 370535

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

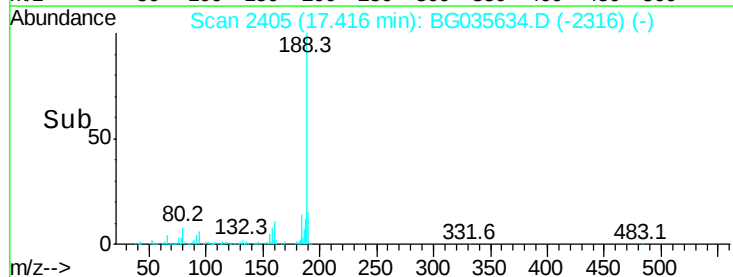
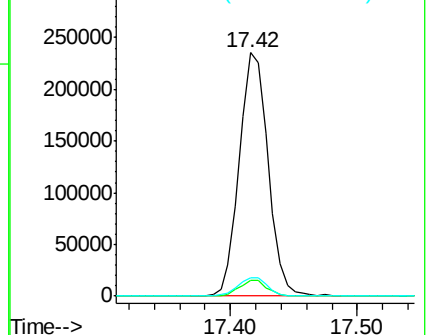
80 7.7 7.7 11.5



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: 21.69 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BG035634.D

Acq: 13 Jul 2018 18:07

Instrument :

BNA_G

ClientSampleId :

CS-STONE

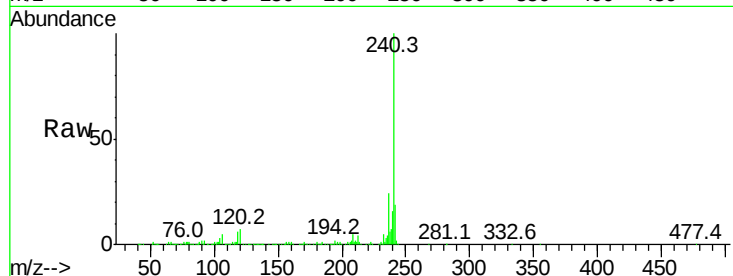
Tot Ion:240 Resp: 390832

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

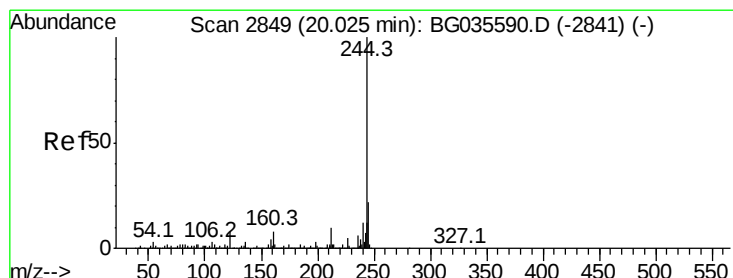
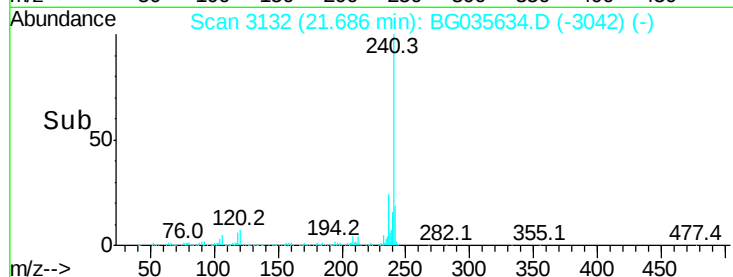
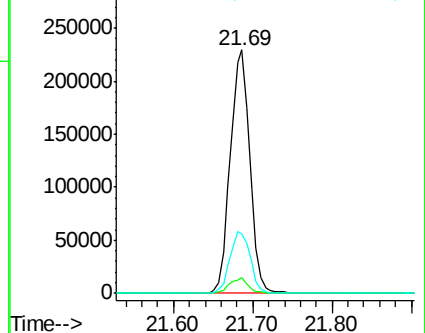
236 24.1 20.9 31.3



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: 73.078 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035634.D

Acq: 13 Jul 2018 18:07

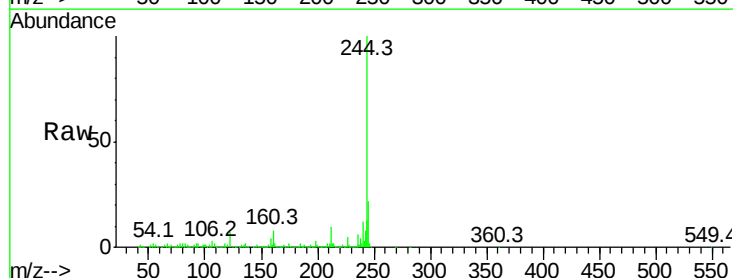
Tgt Ion:244 Resp: 1295698

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

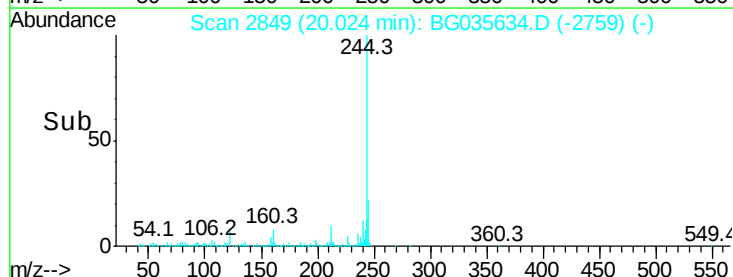
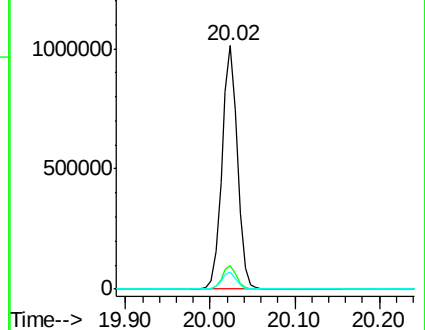
122 7.0 7.0 10.4

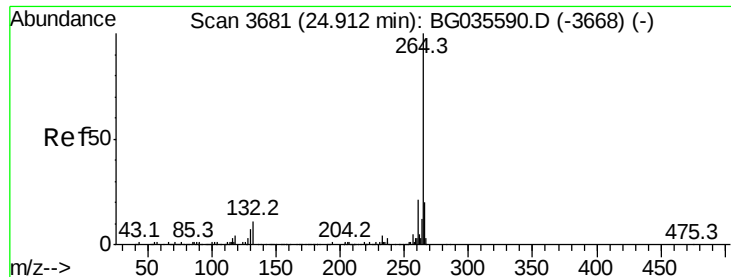


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

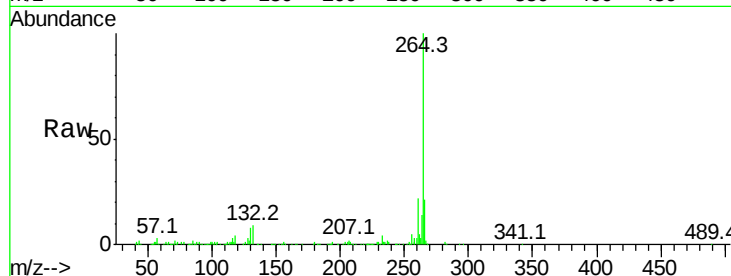




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: BG035634.D
 Acq: 13 Jul 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :
 CS-STONE

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	21.1	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

