

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
 Data File : BG035466.D
 Acq On : 28 Jun 2018 5:18
 Operator : JU/SJ
 Sample : J3702-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BS-STONE

Quant Time: Jun 28 07:43:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50955	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	185096	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	130901	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	348005	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	384496	20.00	ng	-0.04
86) Perylene-d12	24.90	264	350809	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	399444	132.29	ng	-0.01
7) Phenol-d6	7.22	99	502447	112.75	ng	0.00
23) Nitrobenzene-d5	9.22	82	446297	114.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	254084	151.63	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	980691	97.39	ng	-0.03
78) Terphenyl-d14	20.02	244	1819372	99.12	ng	-0.02

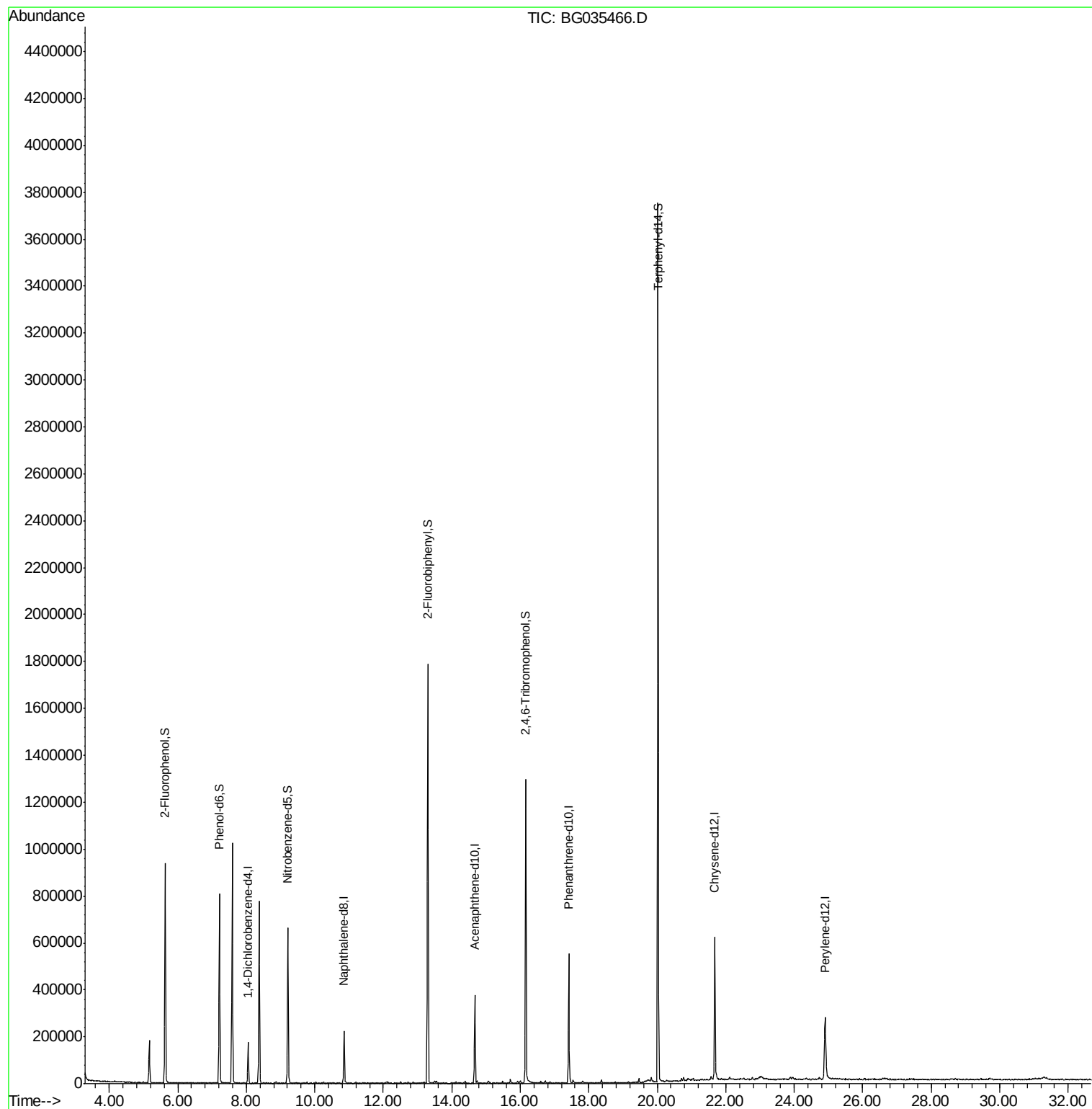
Target Compounds Qvalue

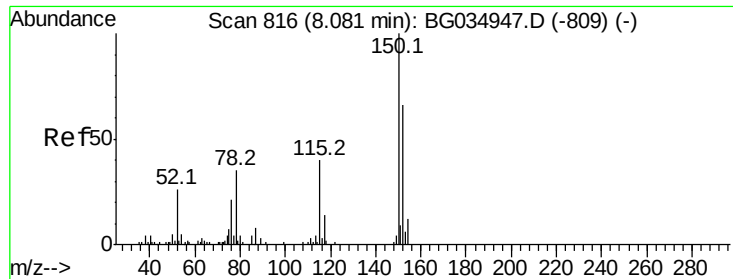
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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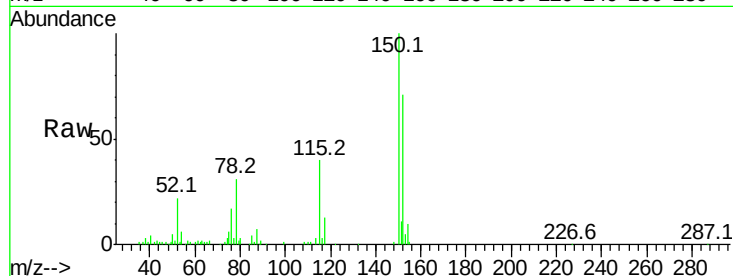


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035466.D
Acq: 28 Jun 2018 5:18

Instrument :
BNA_G
ClientSampleId :
BS-STONE

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.4	126.6	189.8
115	56.2	53.0	79.4

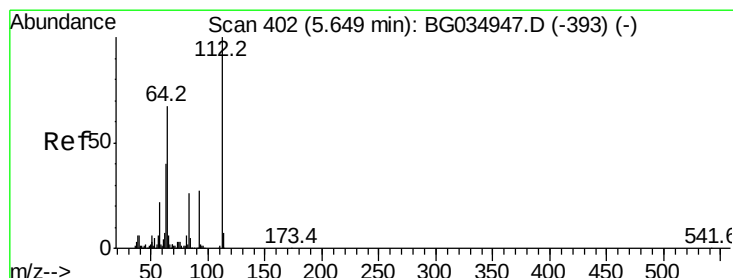
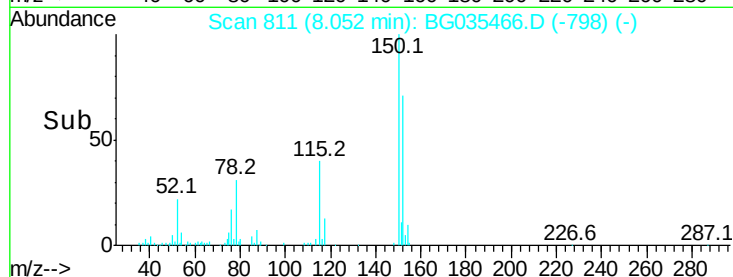
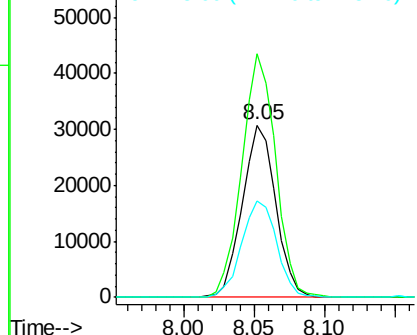


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

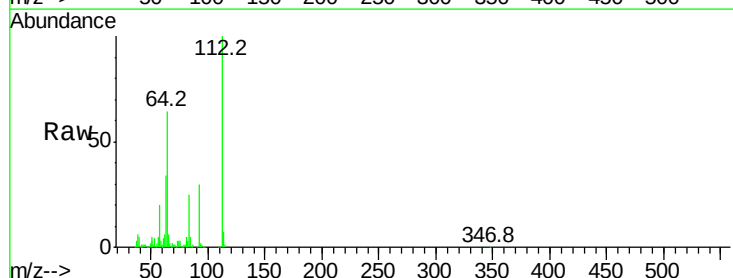
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.294 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035466.D
Acq: 28 Jun 2018 5:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	56.3	84.5
63	33.7	30.1	45.1

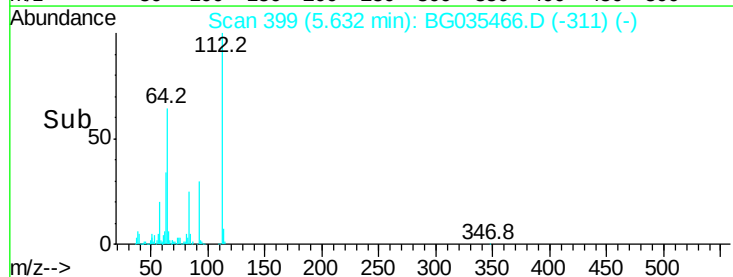
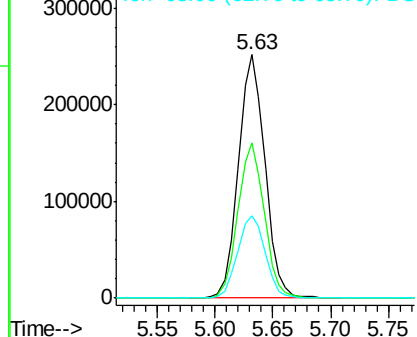


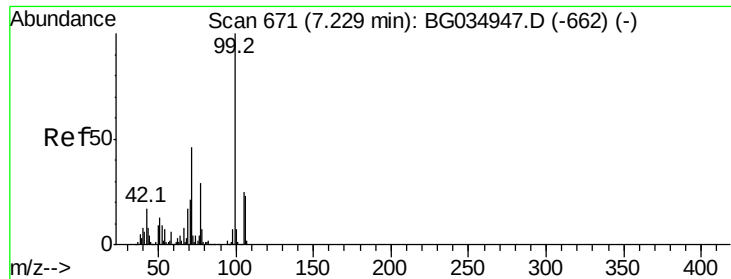
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.747 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

Instrument :

BNA_G

ClientSampleId :

BS-STONE

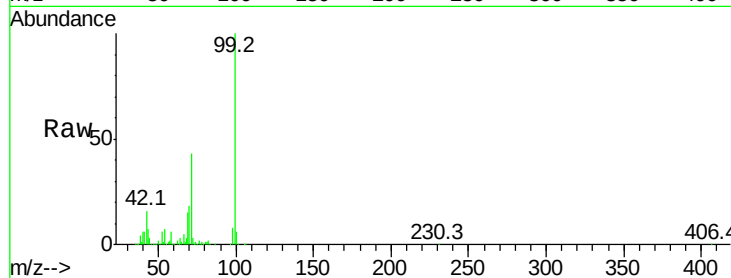
Tot Ion: 99 Resp: 502447

Ion Ratio Lower Upper

99 100

42 15.6 14.1 21.1

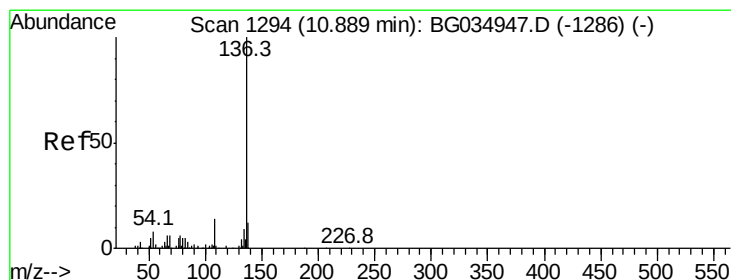
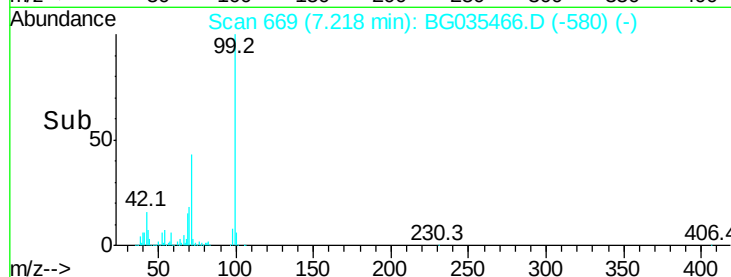
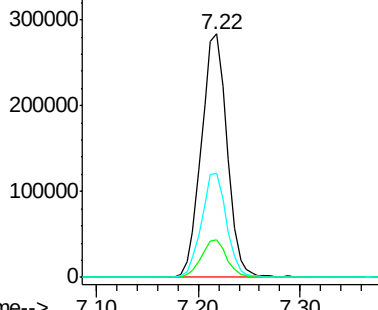
71 42.6 26.1 39.1#



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: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

Tgt Ion: 136 Resp: 185096

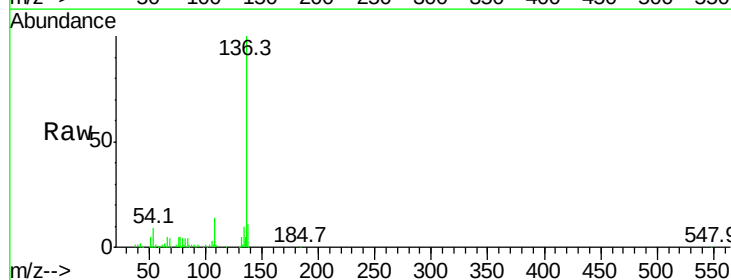
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.6 10.3 15.5#

68 4.1 4.5 6.7#

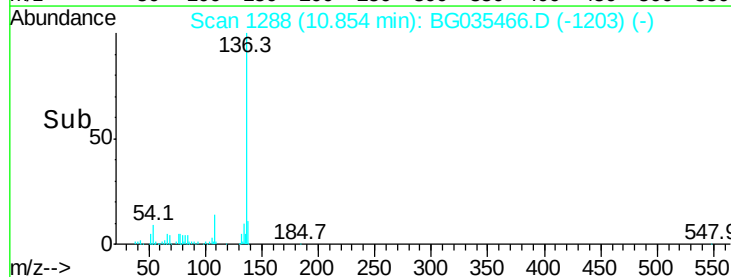
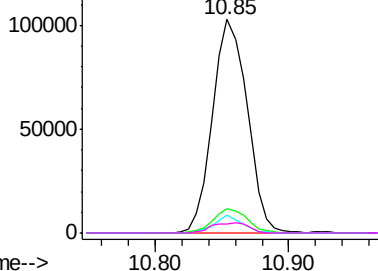


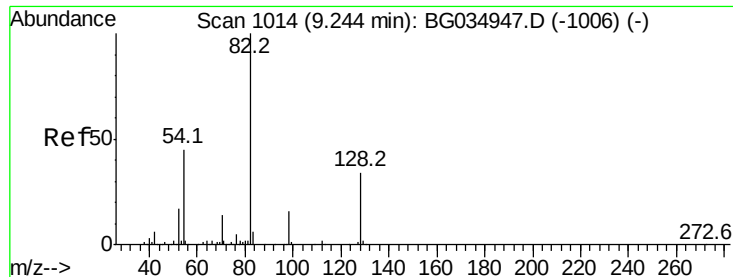
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 114.613 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

Instrument :

BNA_G

ClientSampleId :

BS-STONE

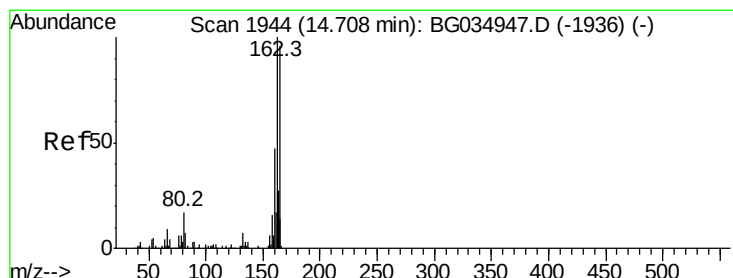
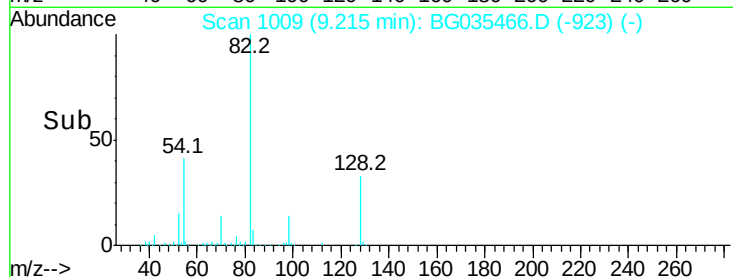
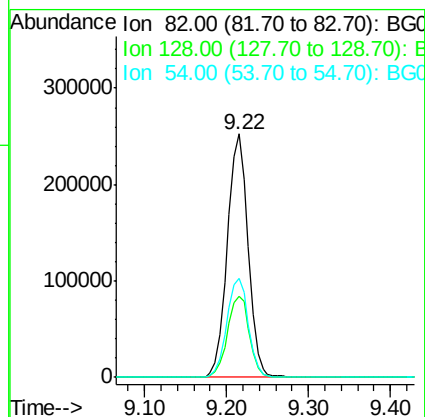
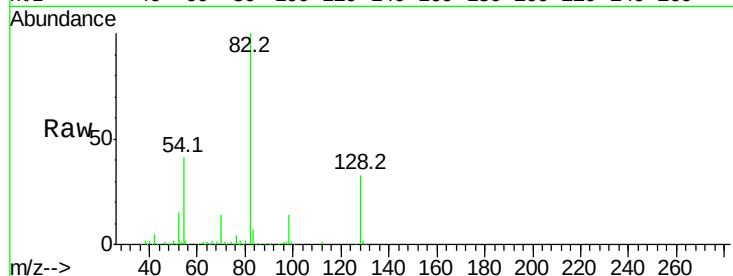
Tot Ion: 82 Resp: 446297

Ion Ratio Lower Upper

82 100

128 33.5 29.7 44.5

54 40.6 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

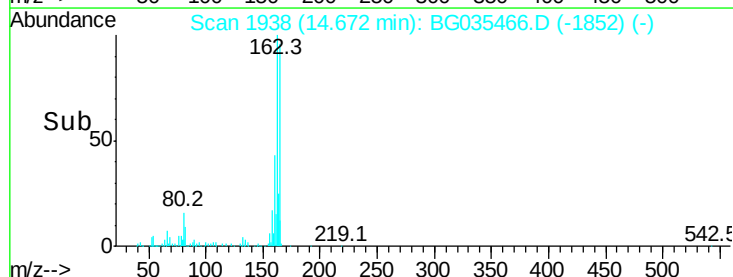
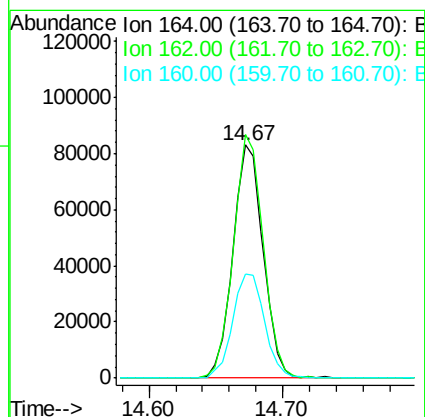
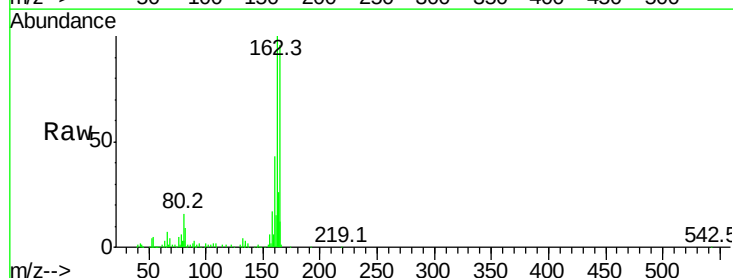
Tgt Ion: 164 Resp: 130901

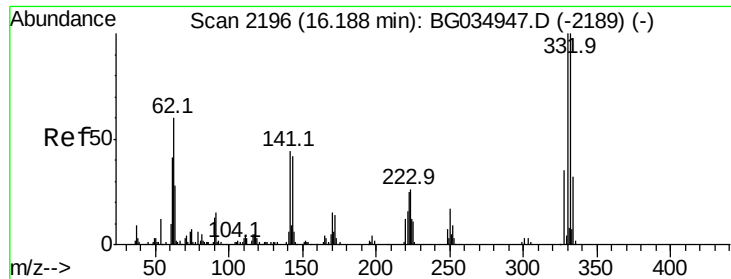
Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

160 44.8 35.4 53.0

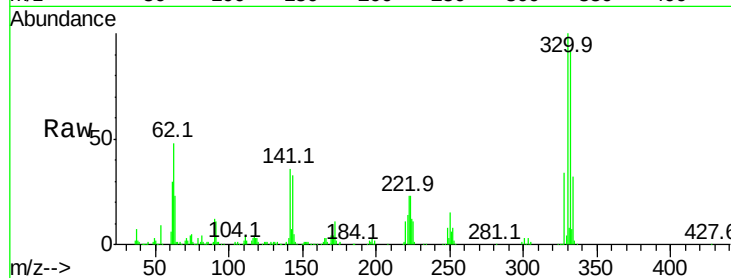




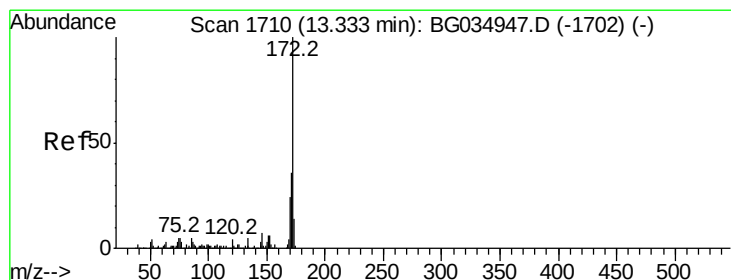
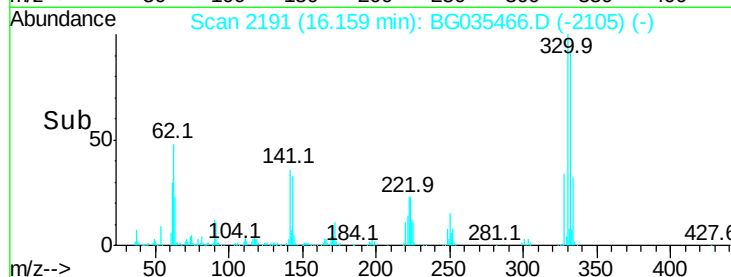
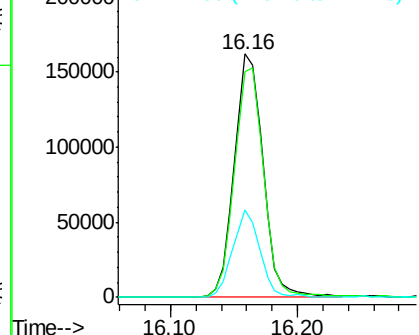
#41
 2,4,6-Tribromophenol
 Concen: 151.629 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035466.D
 Acq: 28 Jun 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 BS-STONE

Tot Ion:330 Resp: 254084
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 34.4 25.2 37.8

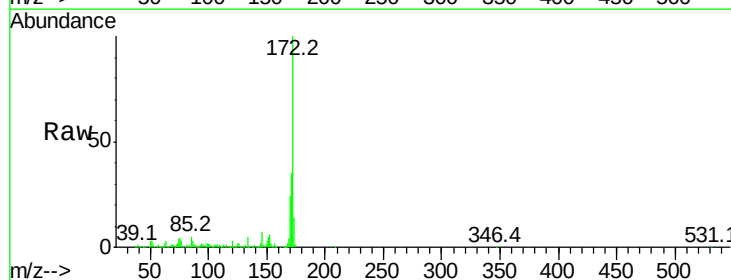


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

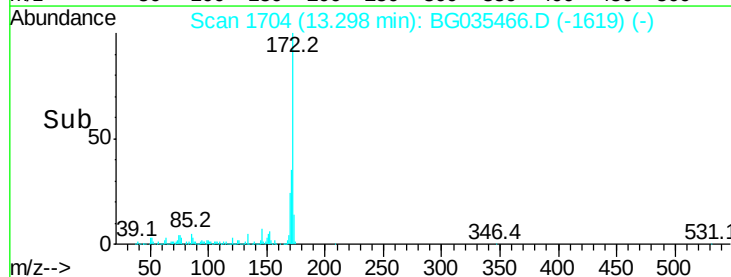
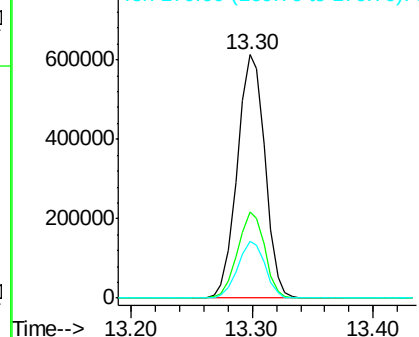


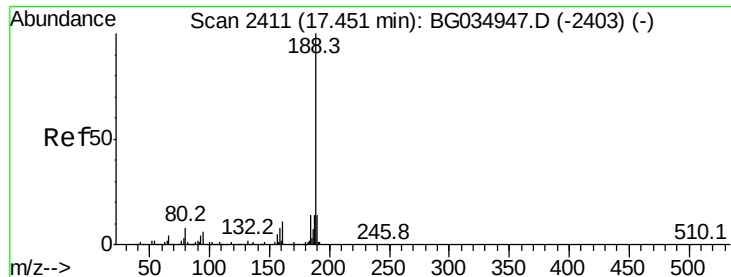
#44
 2-Fluorobiphenyl
 Concen: 97.394 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035466.D
 Acq: 28 Jun 2018 5:18

Tgt Ion:172 Resp: 980691
 Ion Ratio Lower Upper
 172 100
 171 35.5 30.0 45.0
 170 23.5 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

Instrument :

BNA_G

ClientSampleId :

BS-STONE

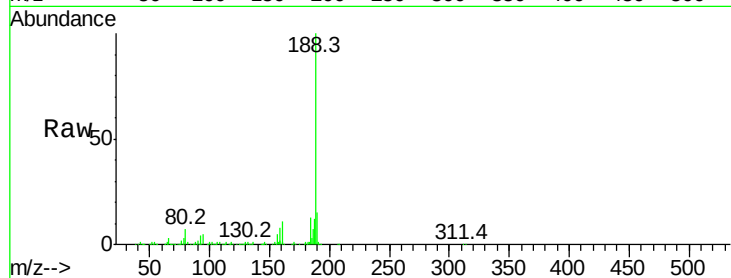
Tot Ion:188 Resp: 348005

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

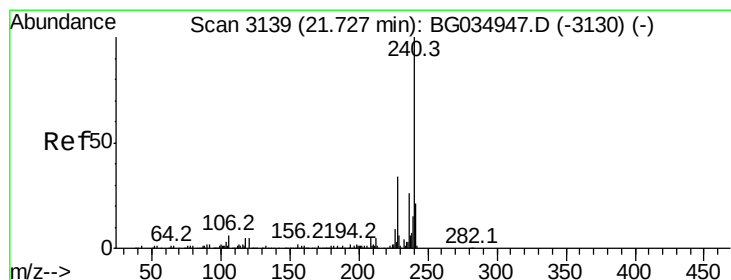
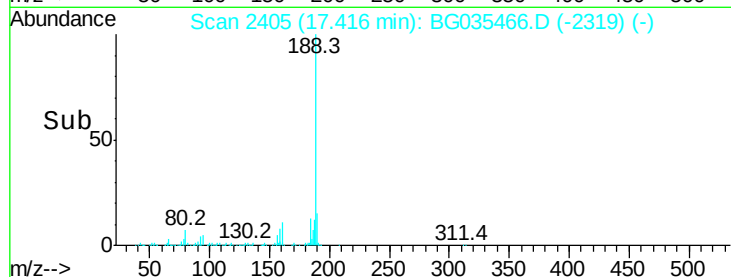
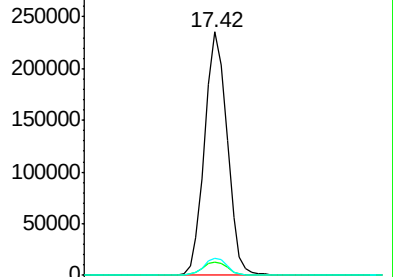
80 7.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

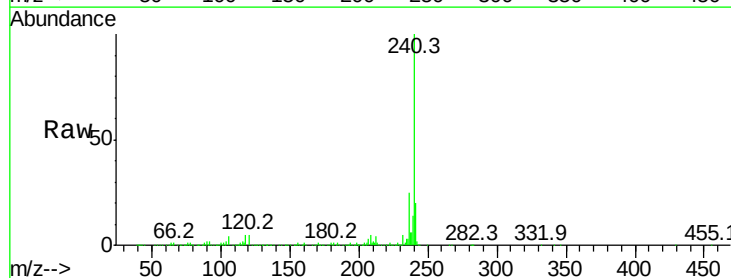
Tgt Ion:240 Resp: 384496

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

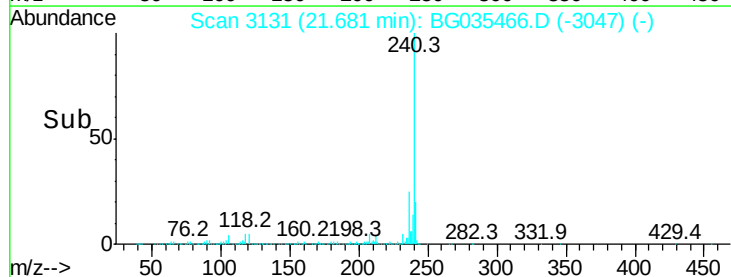
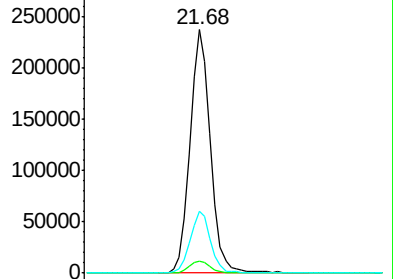
236 25.4 20.9 31.3

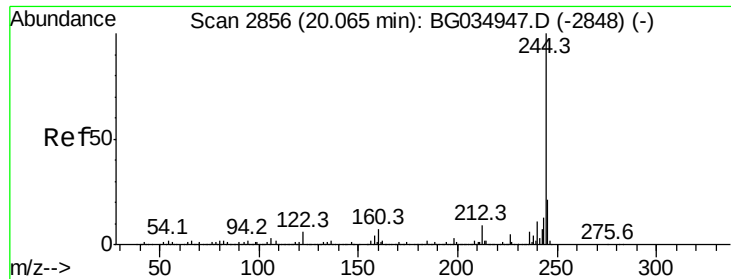


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.117 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

Instrument :

BNA_G

ClientSampleId :

BS-STONE

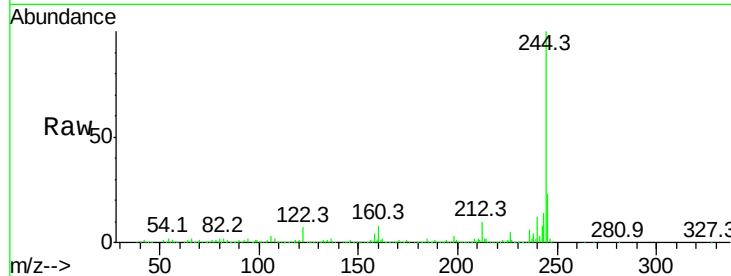
Tot Ion:244 Resp: 1819372

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

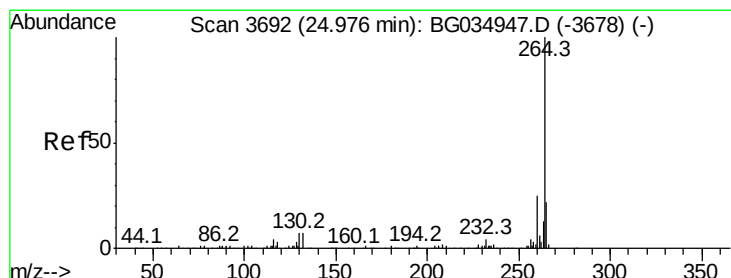
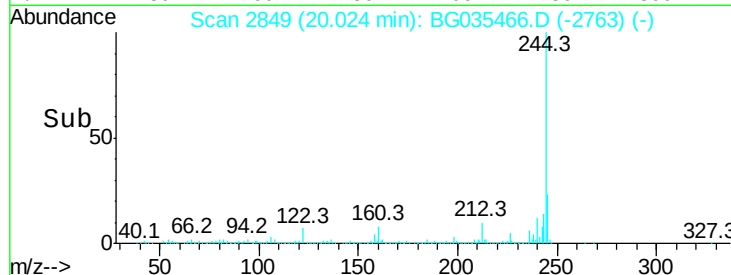
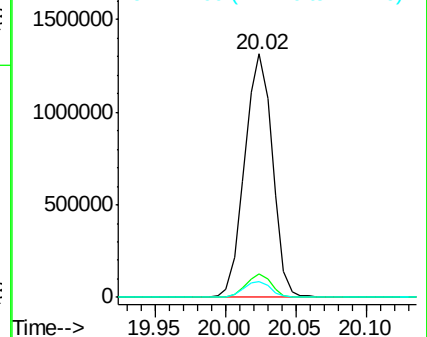
122 6.7 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035466.D

Acq: 28 Jun 2018 5:18

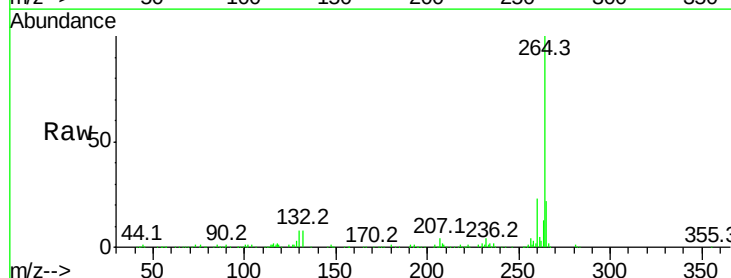
Tgt Ion:264 Resp: 350809

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.9 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

