

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035183.D
 Acq On : 15 Jun 2018 22:18
 Operator : SJ/JU
 Sample : J3464-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-42-COMP

Quant Time: Jun 16 00:32:04 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

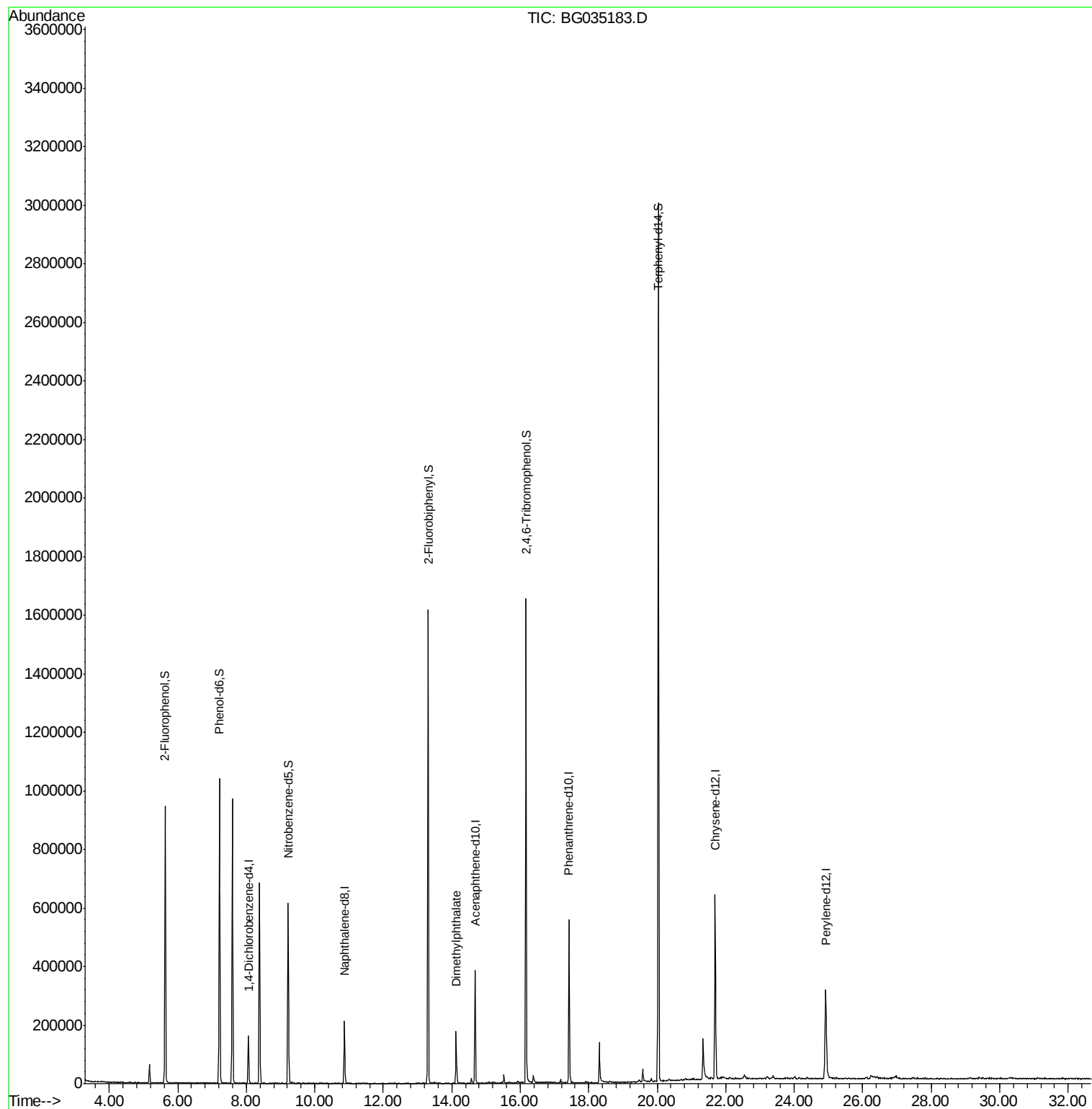
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44411	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	179943	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	134666	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	361594	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	387221	20.00	ng	-0.02
86) Perylene-d12	24.92	264	363262	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	410890	156.14	ng	-0.01
7) Phenol-d6	7.22	99	631209	162.51	ng	0.00
23) Nitrobenzene-d5	9.22	82	413546	109.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	305146	177.01	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	856315	82.66	ng	-0.02
78) Terphenyl-d14	20.03	244	1467775	79.40	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.13	163	117732	10.025	ng	Qvalue 99

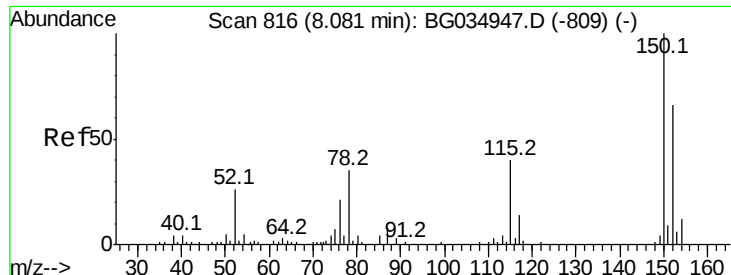
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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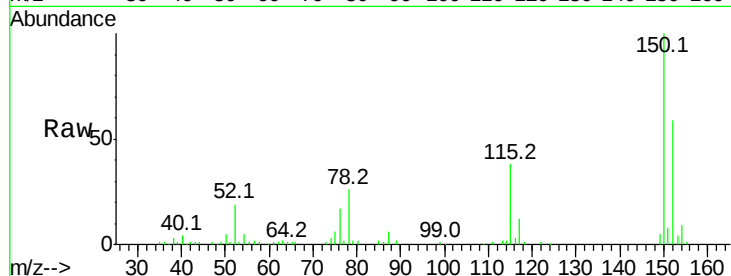


#1

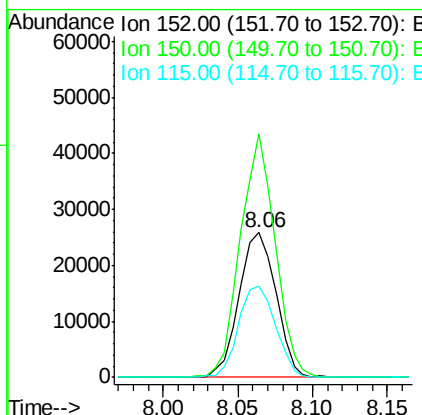
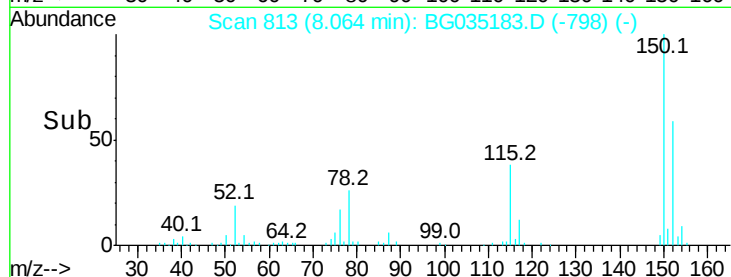
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035183.D
Acq: 15 Jun 2018 22:18

Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.1	126.6	189.8
115	63.4	53.0	79.4



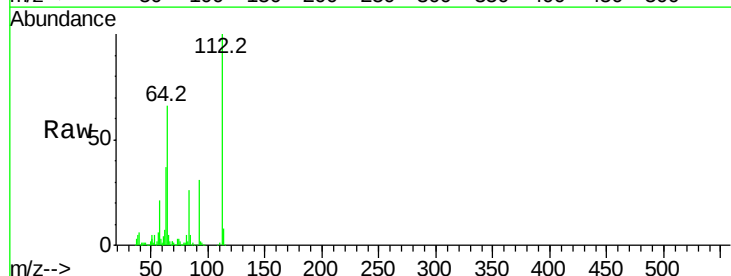
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



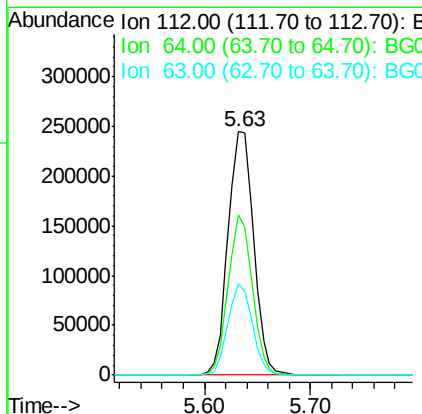
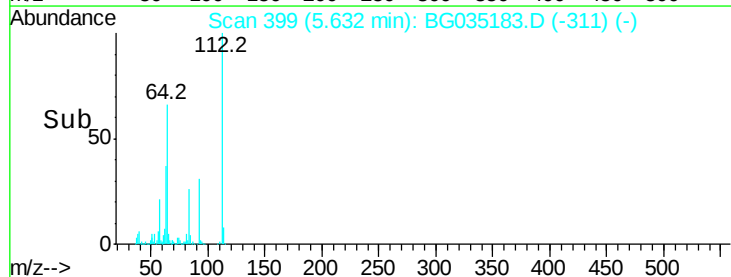
#5

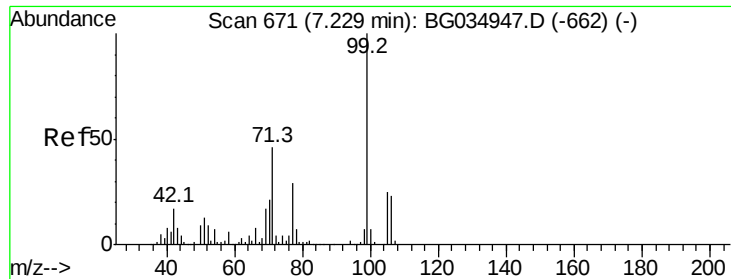
2-Fluorophenol
Concen: 156.137 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035183.D
Acq: 15 Jun 2018 22:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	37.4	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: 162.512 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

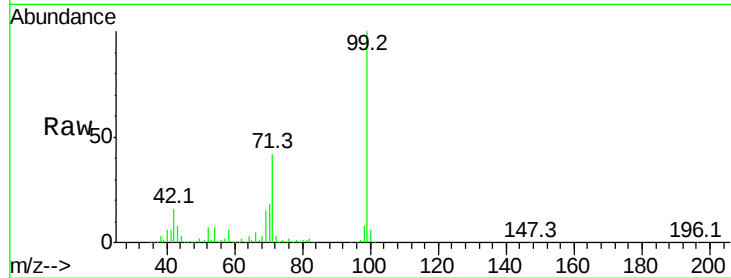
Tot Ion: 99 Resp: 631209

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 41.6 26.1 39.1#

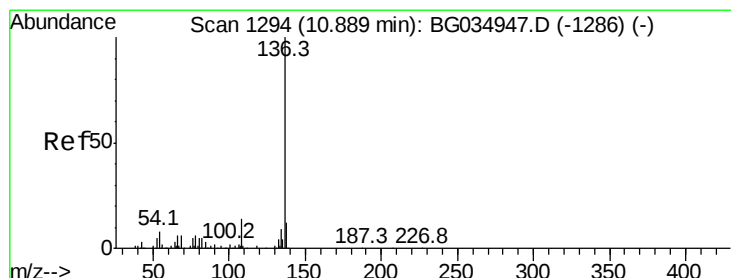
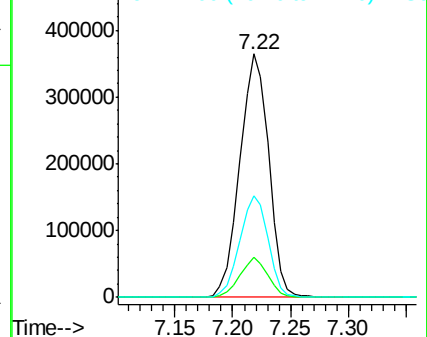
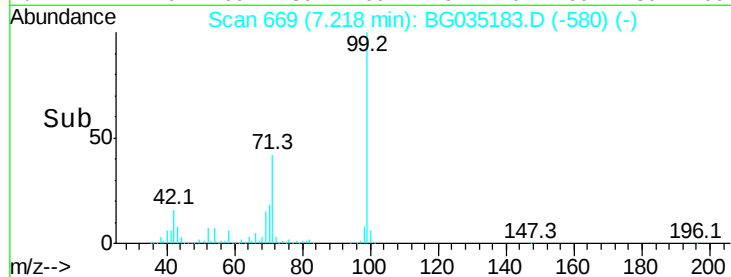


Abundance

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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

Tgt Ion: 136 Resp: 179943

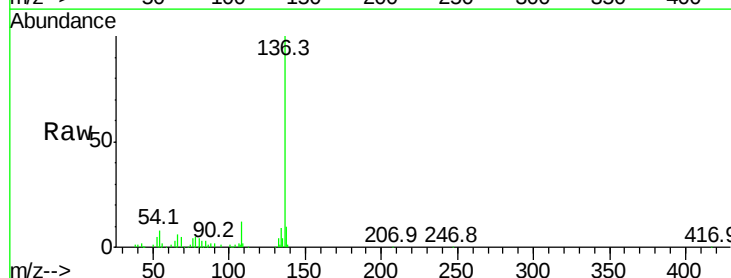
Ion Ratio Lower Upper

136 100

137 9.6 9.2 13.8

54 7.6 10.3 15.5#

68 5.2 4.5 6.7



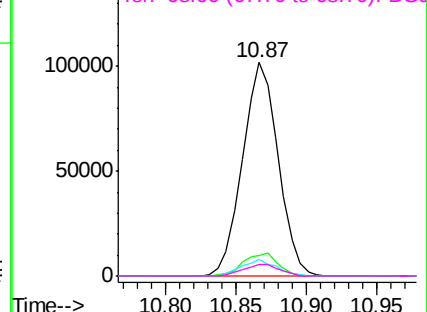
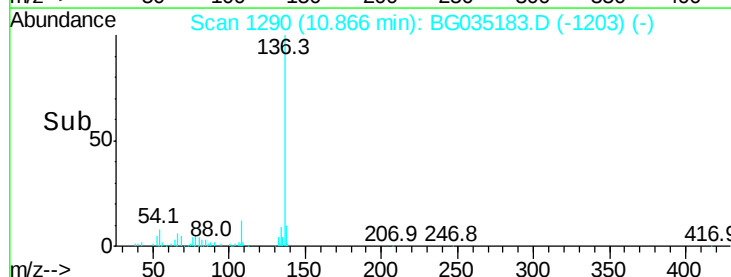
Abundance

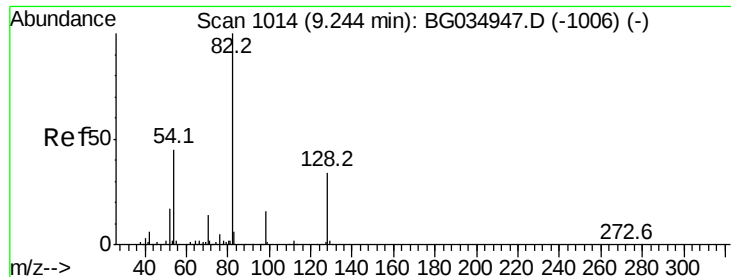
Ion 136.00 (135.70 to 136.70): BGC

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: 109.244 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

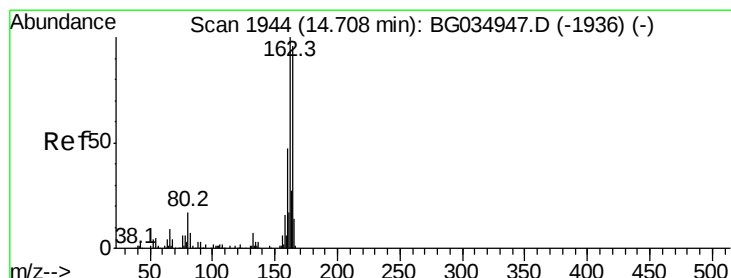
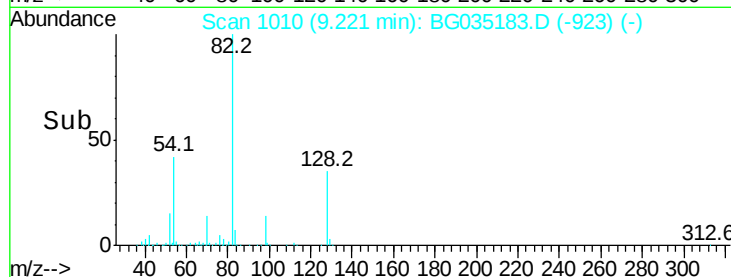
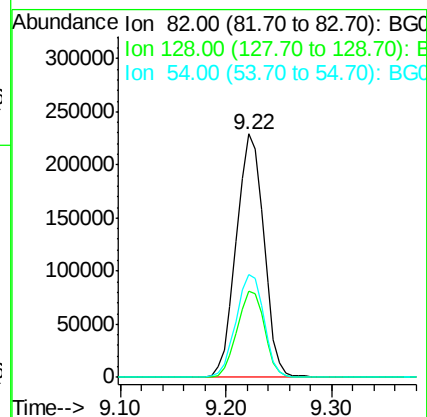
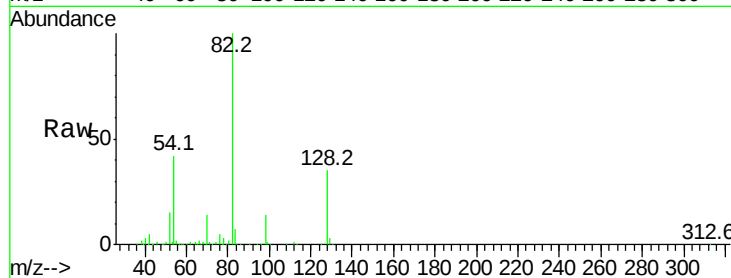
Tot Ion: 82 Resp: 413546

Ion Ratio Lower Upper

82 100

128 35.2 29.7 44.5

54 42.5 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

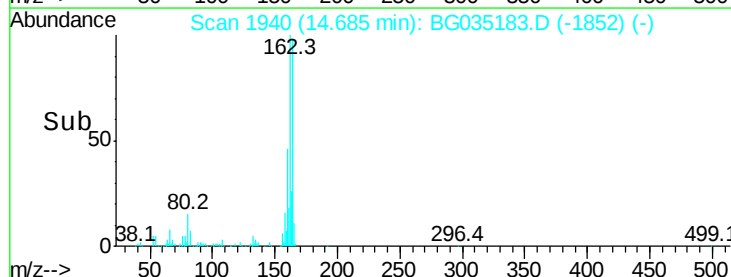
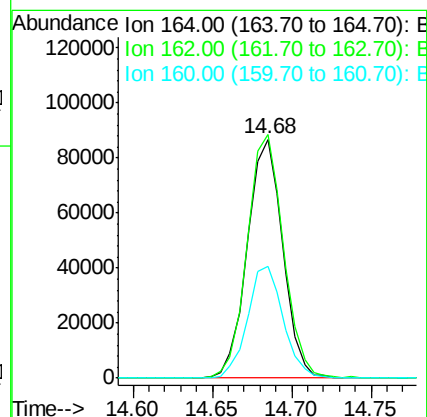
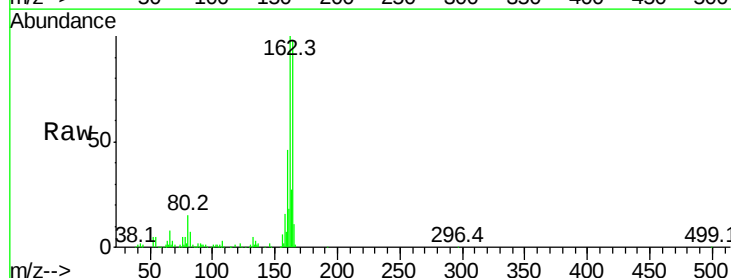
Tgt Ion:164 Resp: 134666

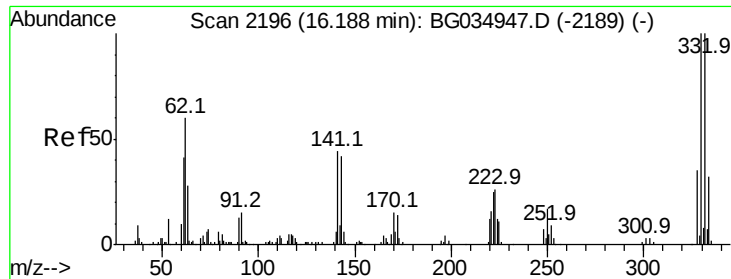
Ion Ratio Lower Upper

164 100

162 101.8 78.8 118.2

160 46.7 35.4 53.0

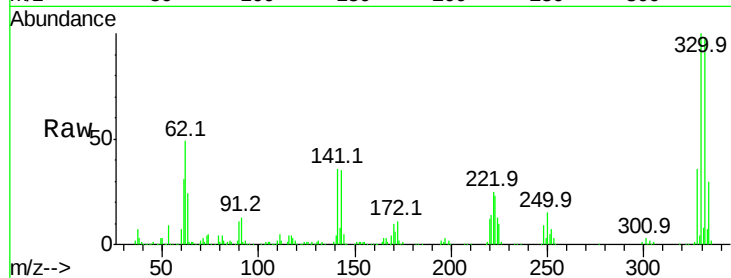




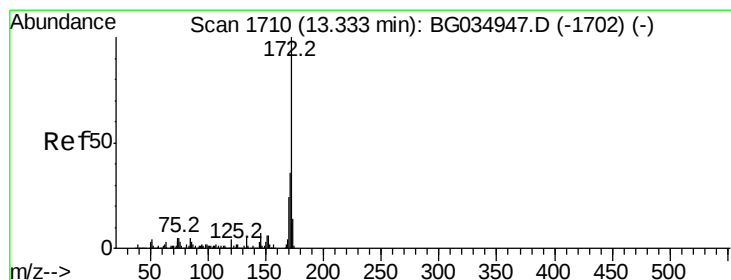
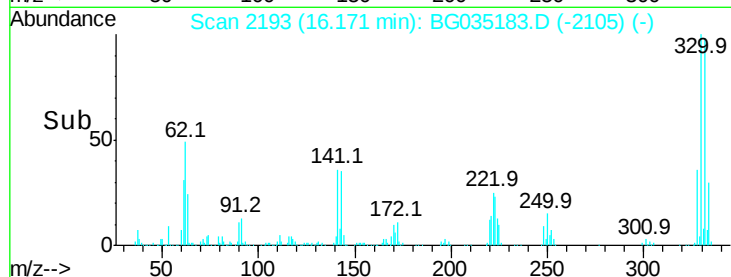
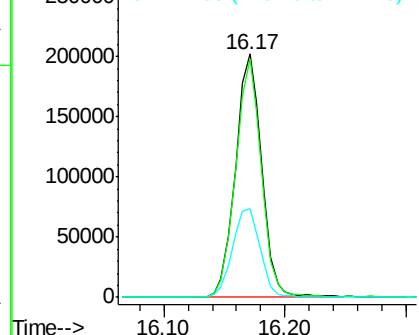
#41
 2,4,6-Tribromophenol
 Concen: 177.010 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035183.D
 Acq: 15 Jun 2018 22:18

Instrument :
 BNA_G
 ClientSampleId :
 SB-42-COMP

Tot Ion:330 Resp: 305146
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 38.8 25.2 37.8#

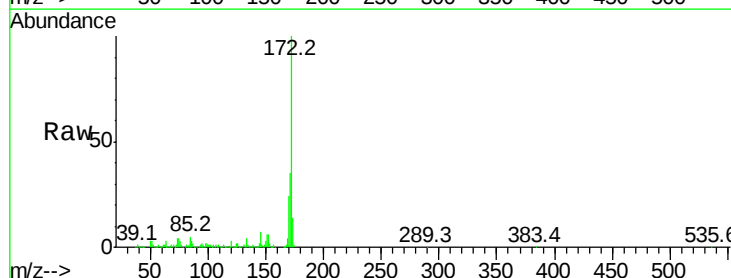


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

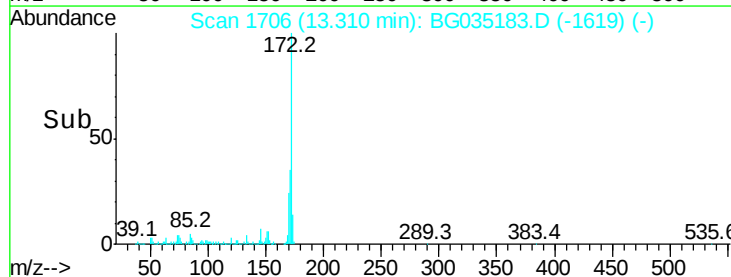
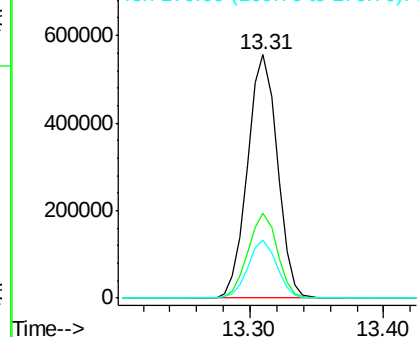


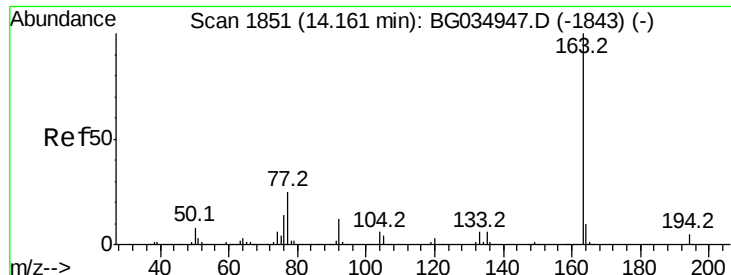
#44
 2-Fluorobiphenyl
 Concen: 82.664 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035183.D
 Acq: 15 Jun 2018 22:18

Tgt Ion:172 Resp: 856315
 Ion Ratio Lower Upper
 172 100
 171 35.1 30.0 45.0
 170 23.6 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





#49

Dimethylphthalate

Concen: 10.025 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

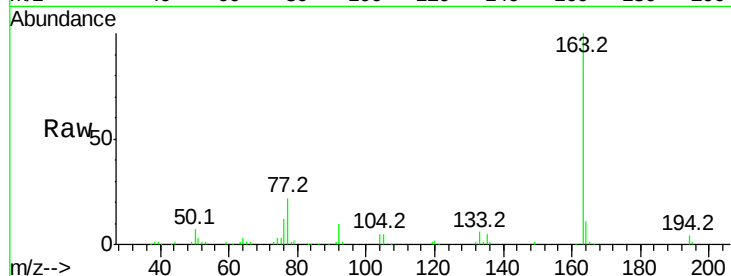
Tot Ion:163 Resp: 117732

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

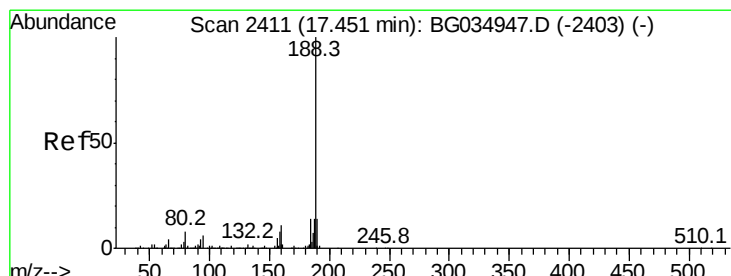
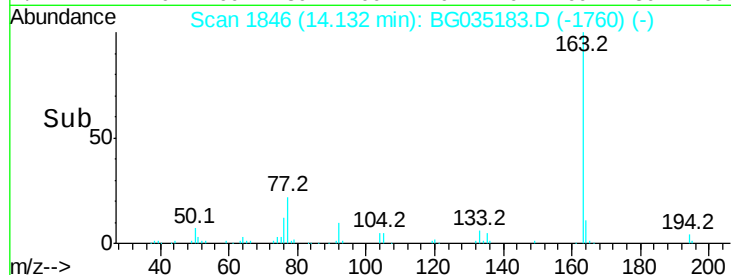
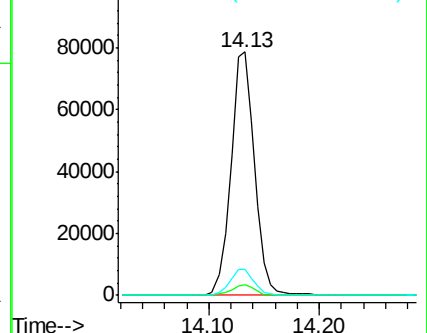
164 10.7 8.2 12.4



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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

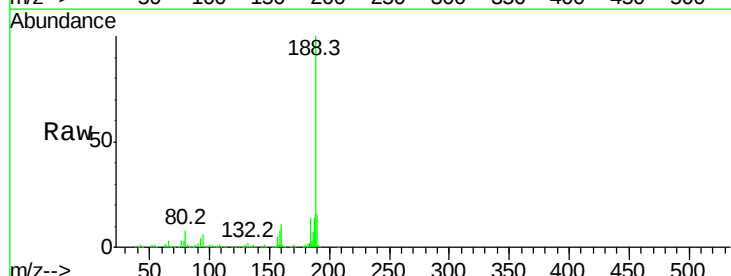
Tgt Ion:188 Resp: 361594

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

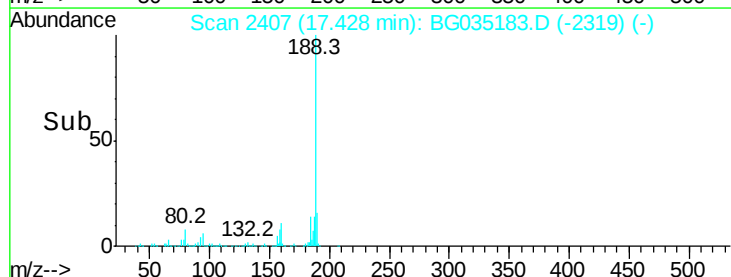
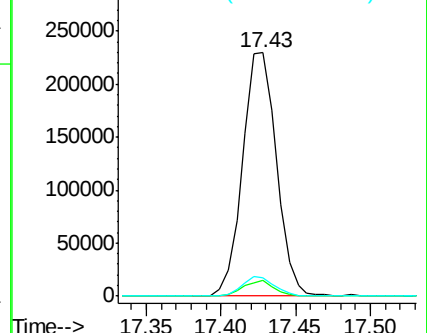
80 7.7 7.7 11.5#

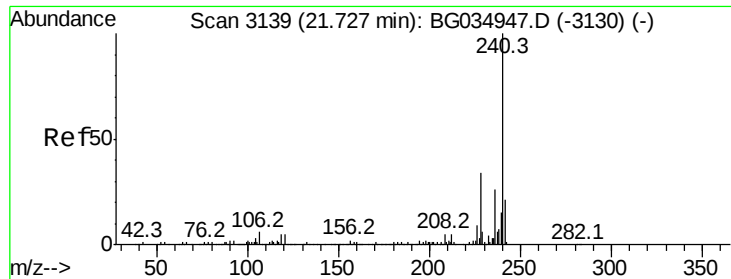


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3133

Delta R.T. -0.02 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

Instrument :

BNA_G

ClientSampleId :

SB-42-COMP

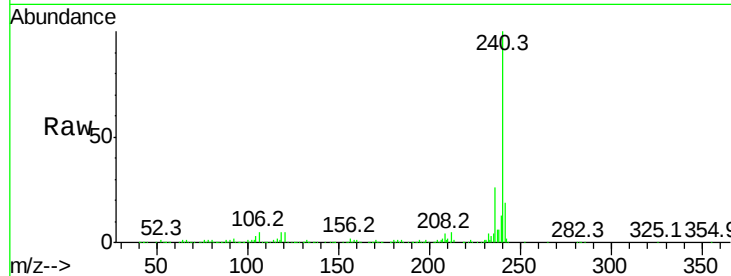
Tot Ion:240 Resp: 387221

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

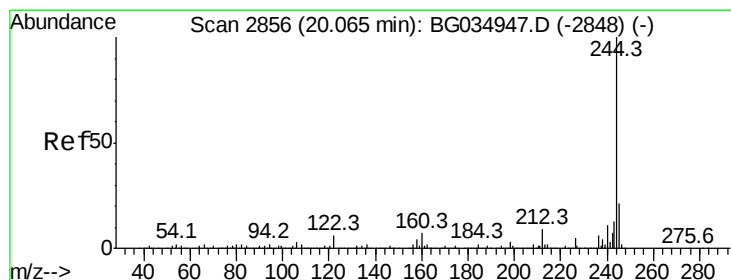
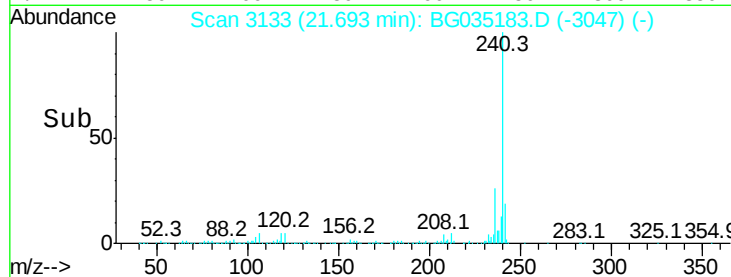
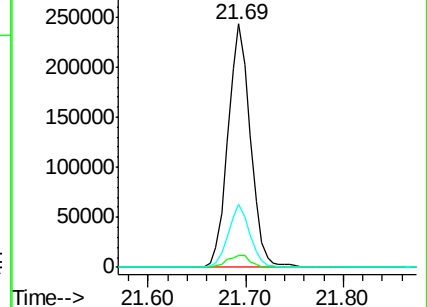
236 26.0 20.9 31.3



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: 79.399 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035183.D

Acq: 15 Jun 2018 22:18

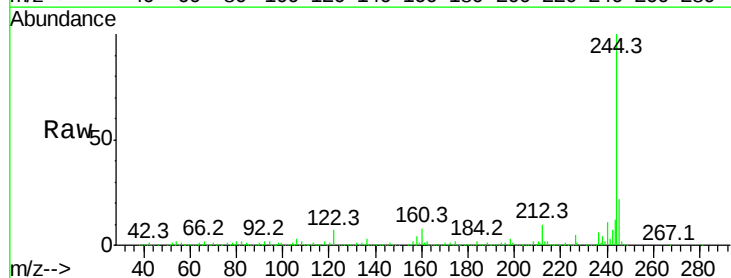
Tgt Ion:244 Resp: 1467775

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

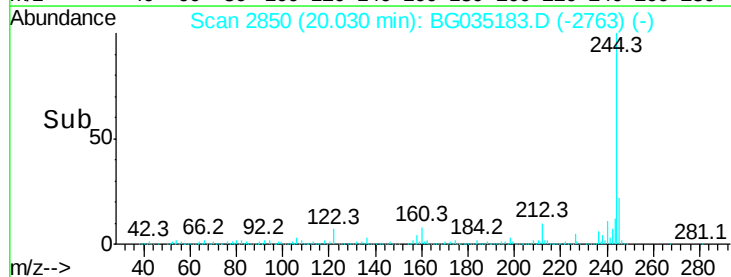
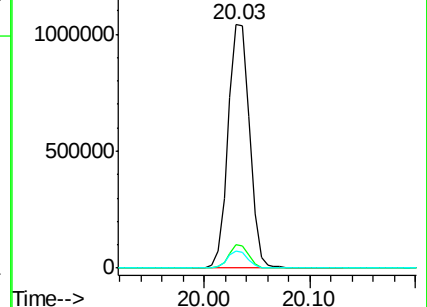
122 7.1 7.0 10.4

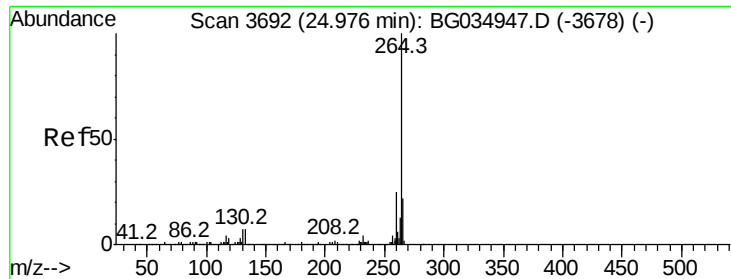


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG035183.D
Acq: 15 Jun 2018 22:18

Instrument :
BNA_G
ClientSampleId :
SB-42-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	22.9	17.7	26.5

