

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\
 Data File : BG035671.D
 Acq On : 16 Jul 2018 15:59
 Operator : JU/SJ
 Sample : J3958-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CS-CONCRETE

Quant Time: Jul 16 17:29:36 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

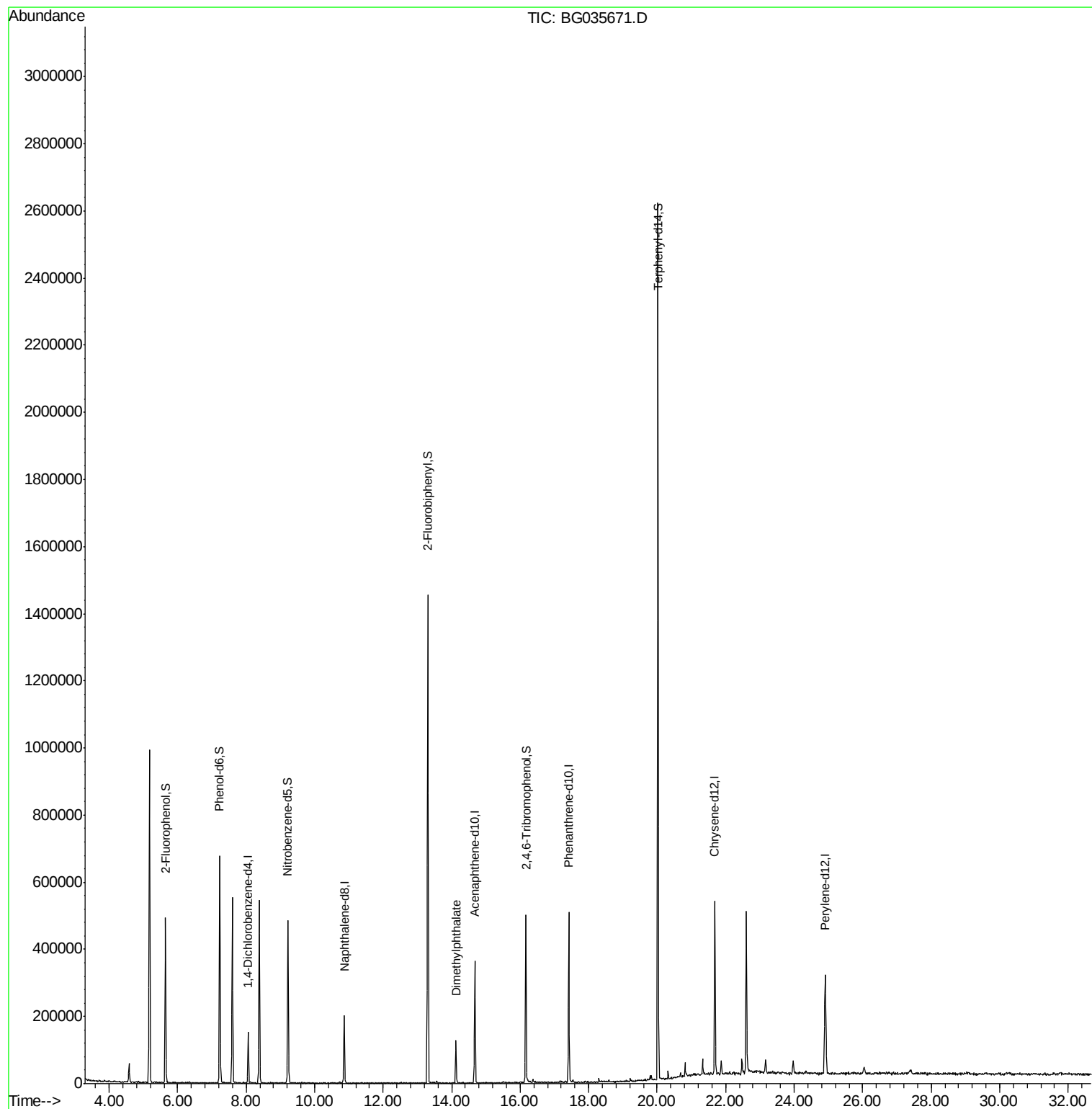
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	41514	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	166496	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122096	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	320587	20.00	ng	0.00
75) Chrysene-d12	21.68	240	321300	20.00	ng	0.00
86) Perylene-d12	24.90	264	310673	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	205953	82.37	ng	0.00
7) Phenol-d6	7.23	99	401411	107.60	ng	0.00
23) Nitrobenzene-d5	9.22	82	324345	81.38	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	94422	58.67	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	760095	83.40	ng	0.00
78) Terphenyl-d14	20.03	244	1230894	84.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.12	163	79432	7.425	ng	Qvalue 98

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

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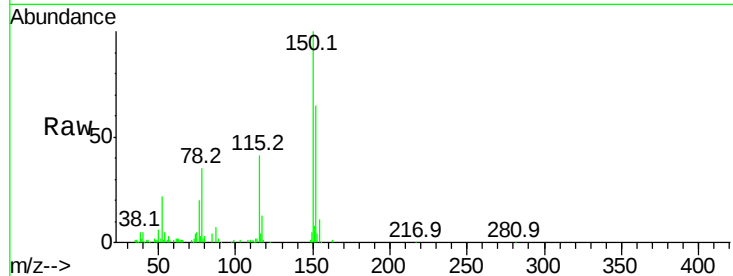


#1

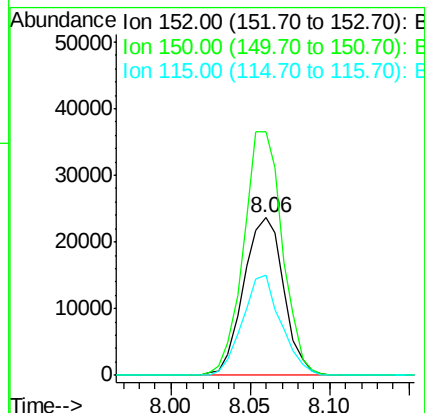
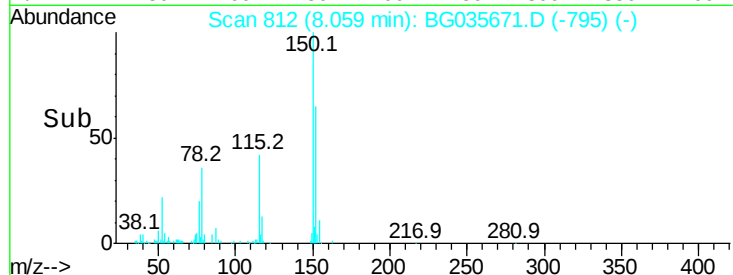
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BG035671.D
 Acq: 16 Jul 2018 15:59

Instrument :
 BNA_G
 ClientSampleId :
 CS-CONCRETE

Tot Ion:152 Resp: 41514
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.6 189.8
 115 63.7 53.0 79.4



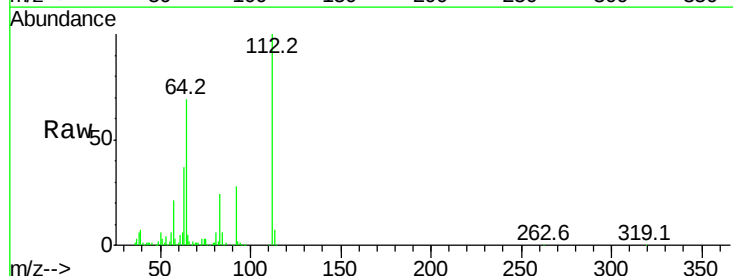
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



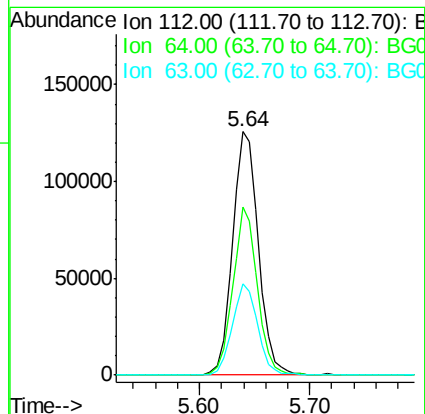
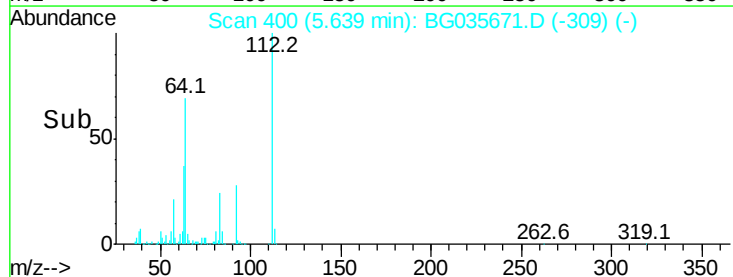
#5

2-Fluorophenol
 Concen: 82.365 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.01 min
 Lab File: BG035671.D
 Acq: 16 Jul 2018 15:59

Tgt Ion:112 Resp: 205953
 Ion Ratio Lower Upper
 112 100
 64 69.3 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): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 107.597 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

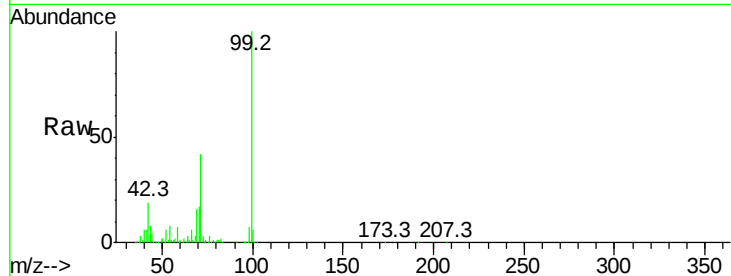
Tot Ion: 99 Resp: 401411

Ion Ratio Lower Upper

99 100

42 18.7 14.1 21.1

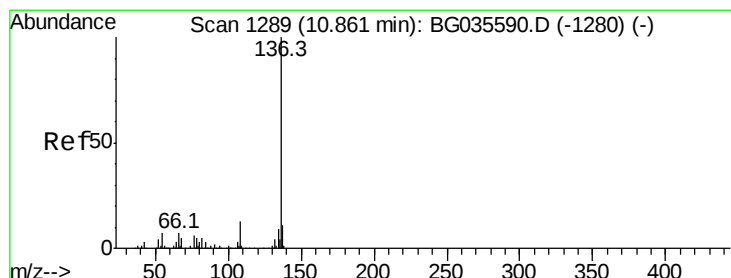
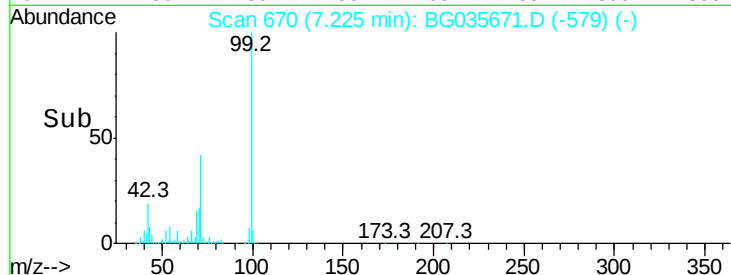
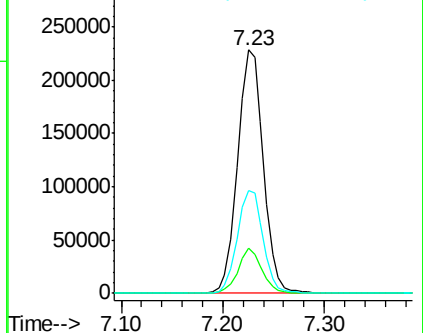
71 42.2 26.1 39.1#



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: BG035671.D

Acq: 16 Jul 2018 15:59

Tgt Ion: 136 Resp: 166496

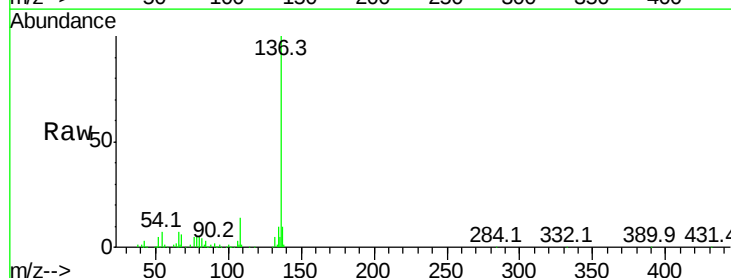
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 6.7 10.3 15.5#

68 5.6 4.5 6.7

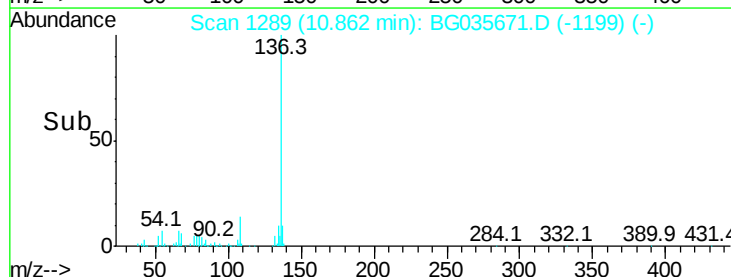
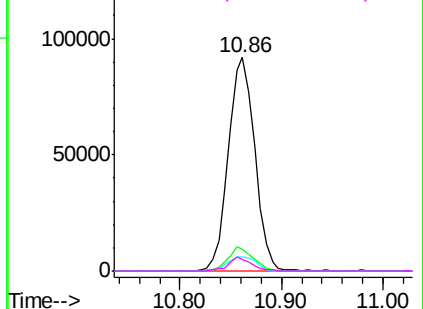


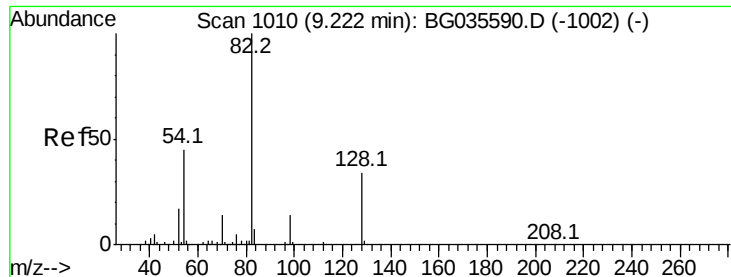
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 81.380 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

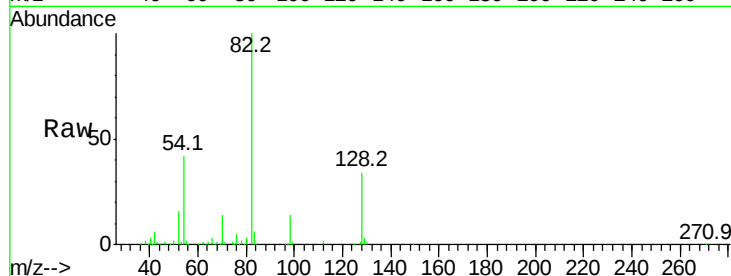
Tot Ion: 82 Resp: 324345

Ion Ratio Lower Upper

82 100

128 34.1 29.7 44.5

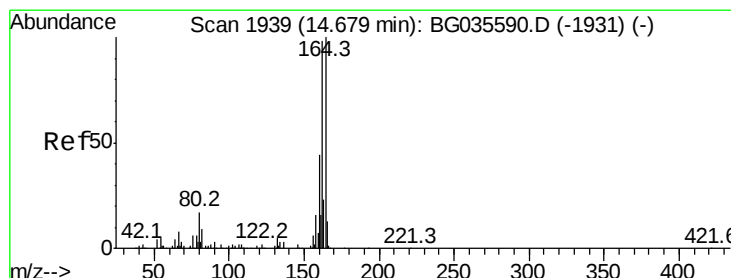
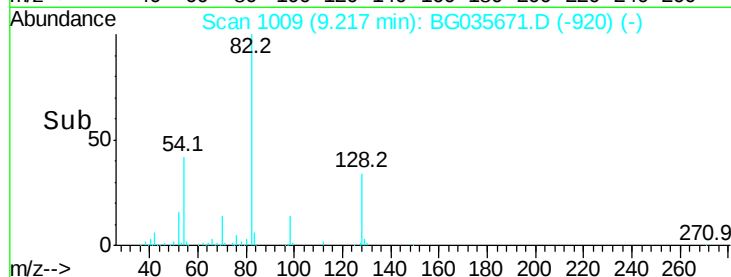
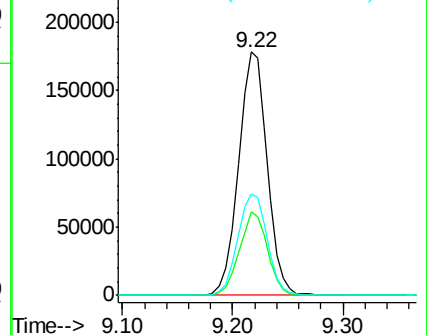
54 41.9 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

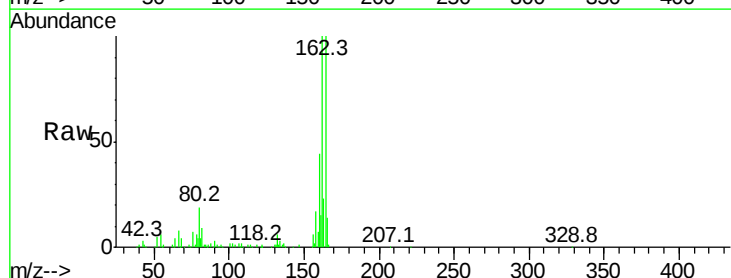
Tgt Ion: 164 Resp: 122096

Ion Ratio Lower Upper

164 100

162 99.7 78.8 118.2

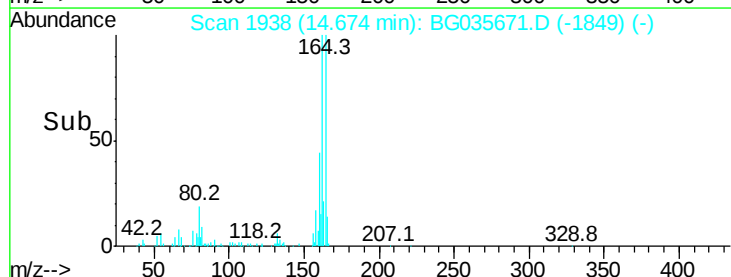
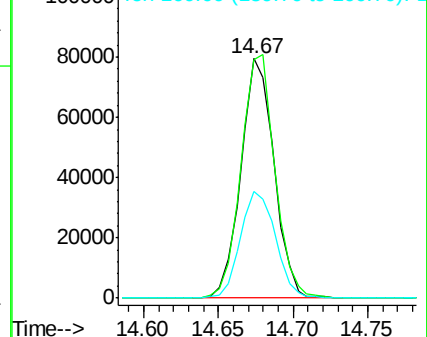
160 44.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

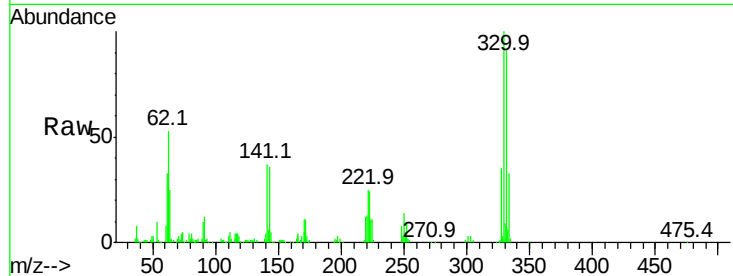




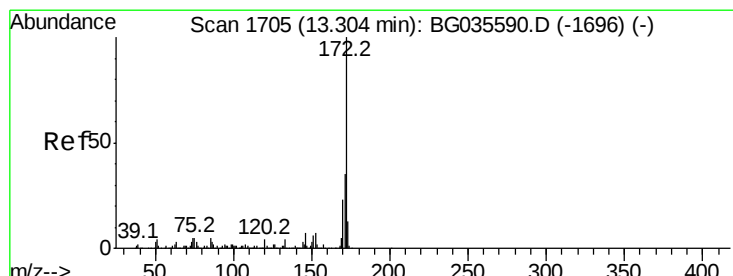
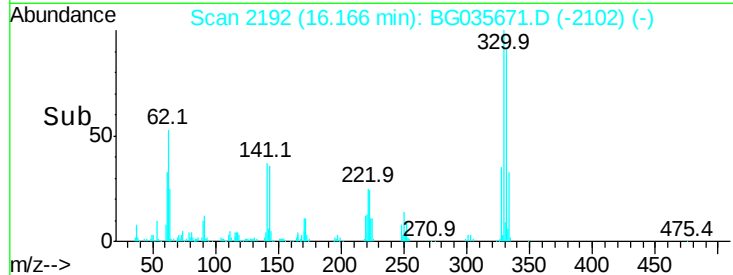
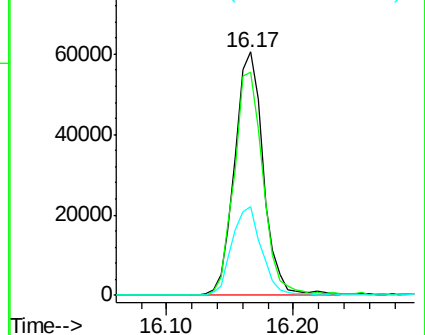
#41
 2,4,6-Tribromophenol
 Concen: 58.673 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035671.D
 Acq: 16 Jul 2018 15:59

Instrument :
 BNA_G
 ClientSampleId :
 CS-CONCRETE

Tot Ion:330 Resp: 94422
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.0 115.6
 141 37.5 25.2 37.8

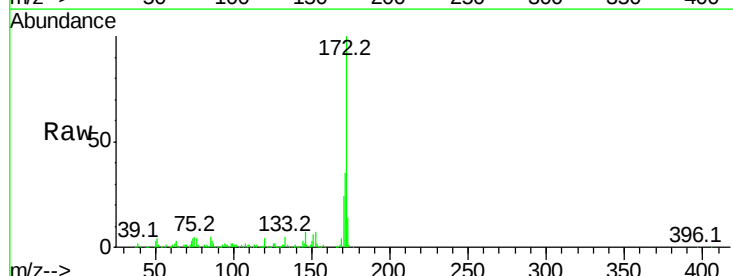


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

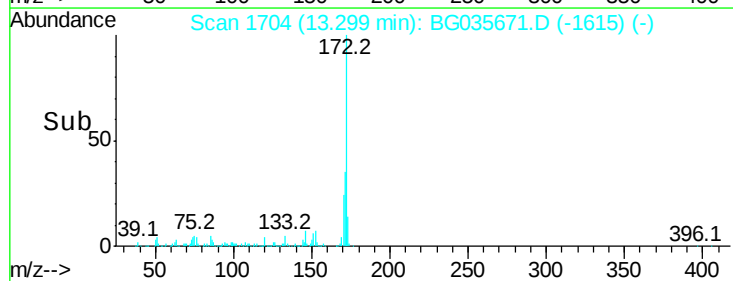
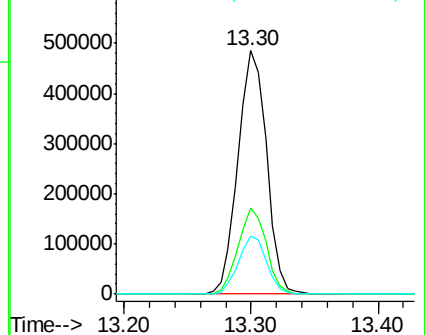


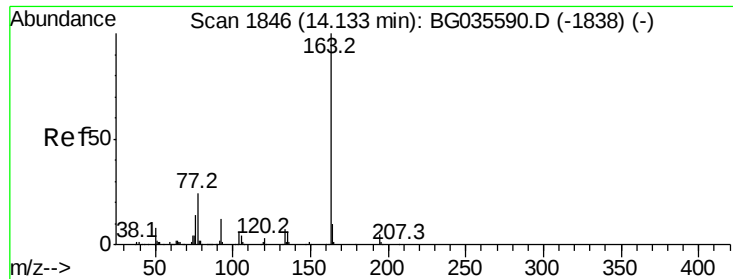
#44
 2-Fluorobiphenyl
 Concen: 83.404 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035671.D
 Acq: 16 Jul 2018 15:59

Tgt Ion:172 Resp: 760095
 Ion Ratio Lower Upper
 172 100
 171 35.3 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: 7.425 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

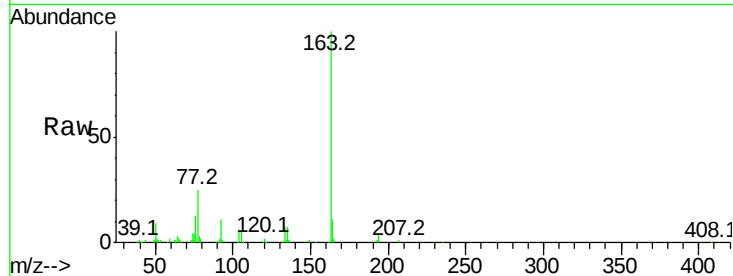
Tot Ion:163 Resp: 79432

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

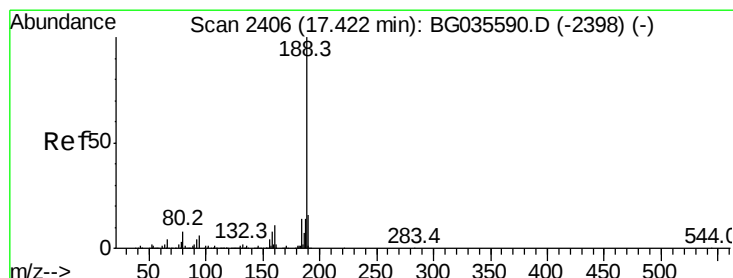
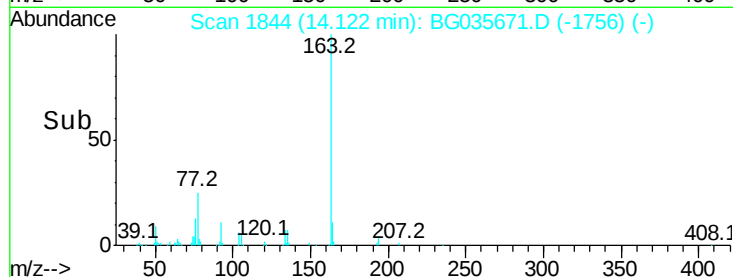
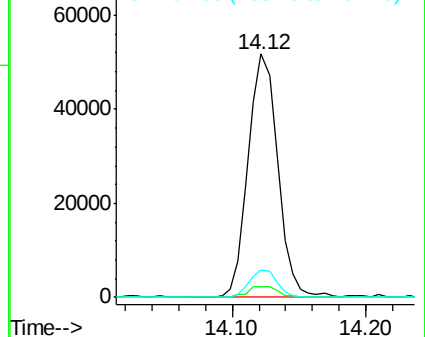
164 11.4 8.2 12.4



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. -0.00 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

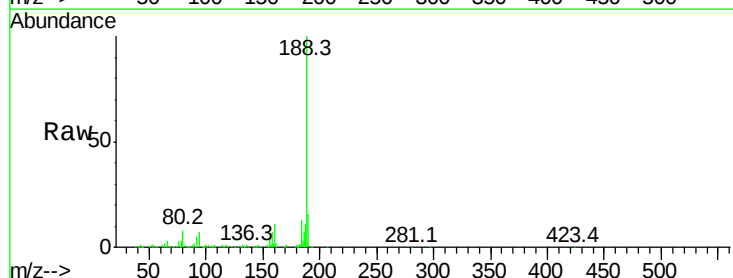
Tgt Ion:188 Resp: 320587

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

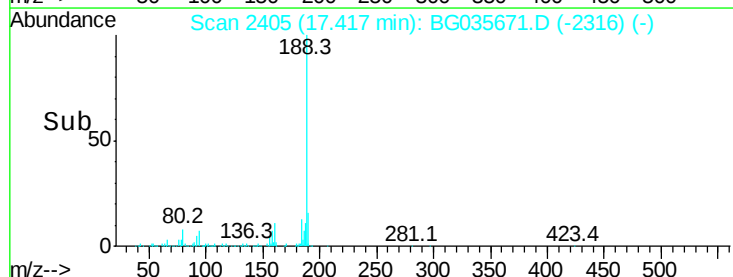
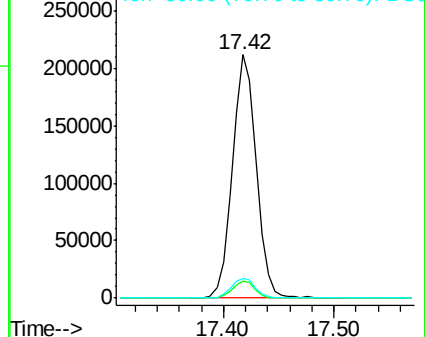
80 7.9 7.7 11.5

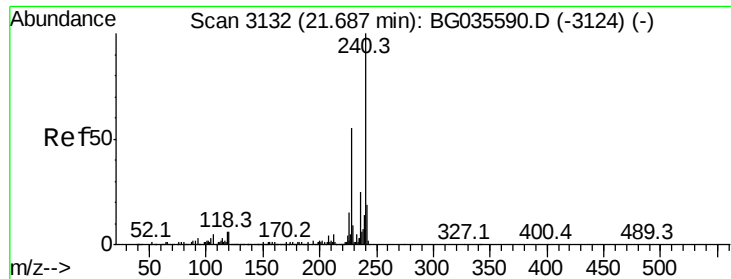


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

Instrument :

BNA_G

ClientSampleId :

CS-CONCRETE

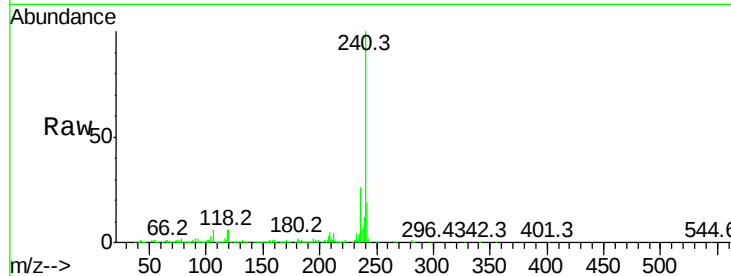
Tot Ion:240 Resp: 321300

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

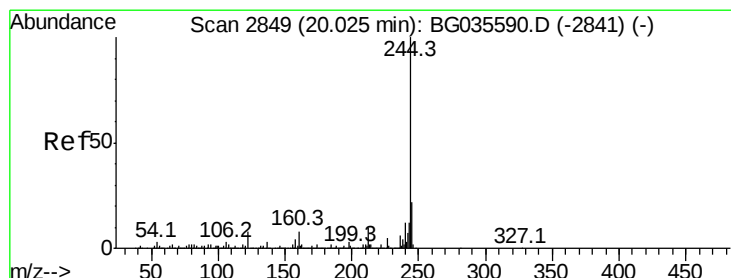
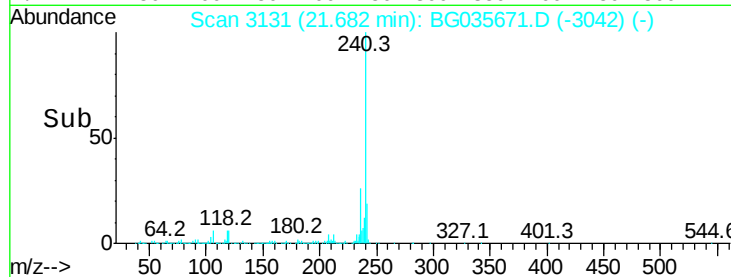
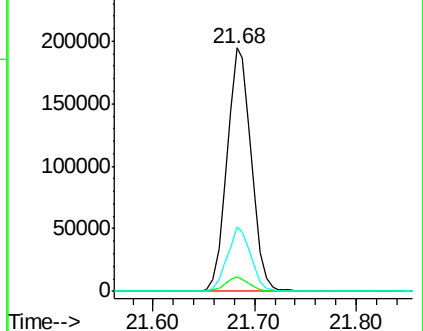
236 26.2 20.9 31.3



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: 84.446 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035671.D

Acq: 16 Jul 2018 15:59

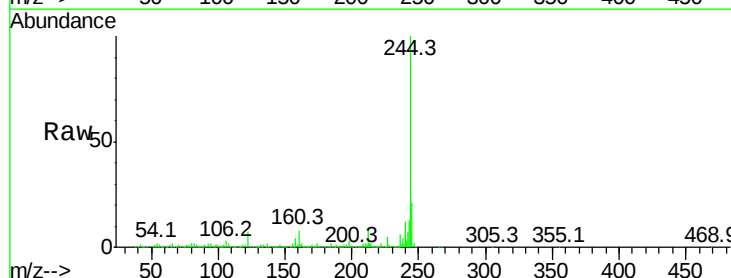
Tgt Ion:244 Resp: 1230894

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

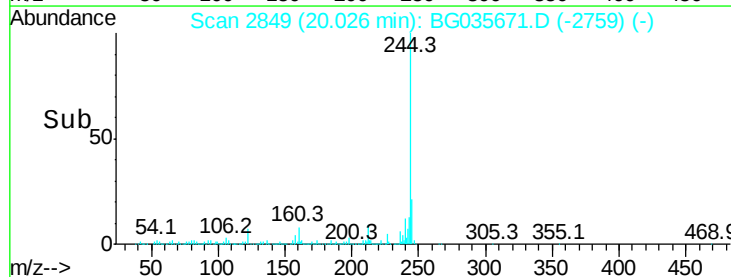
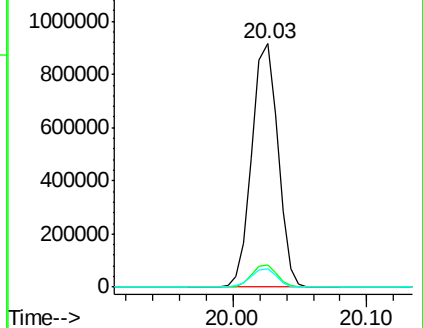
122 7.4 7.0 10.4

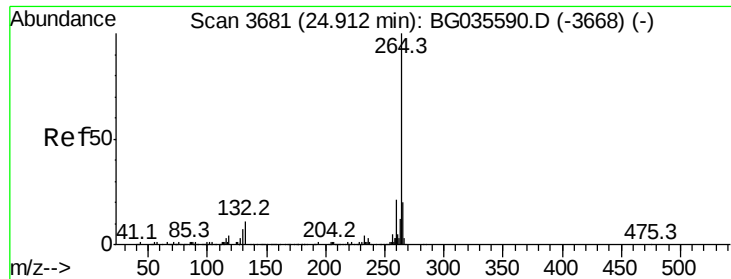


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

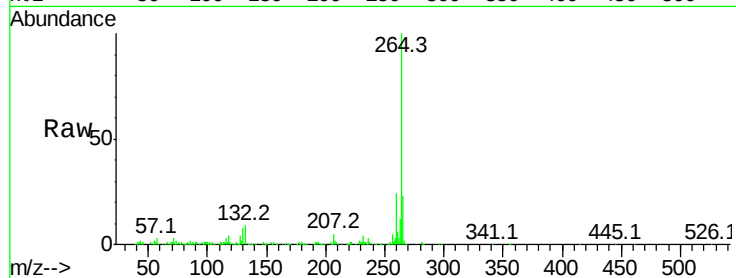




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.01 min
Lab File: BG035671.D
Acq: 16 Jul 2018 15:59

Instrument :
BNA_G
ClientSampleId :
CS-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.6	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

