

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035606.D
 Acq On : 12 Jul 2018 22:28
 Operator : JU/SJ
 Sample : J3825-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-071118-D

Quant Time: Jul 13 02:02:36 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	8.05	152	44487	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	161517	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	113521	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	326656	20.00	ng	0.00
75) Chrysene-d12	21.68	240	374015	20.00	ng	0.00
86) Perylene-d12	24.90	264	340273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	362833	135.41	ng	0.00
7) Phenol-d6	7.22	99	470016	117.57	ng	0.00
23) Nitrobenzene-d5	9.22	82	394974	102.16	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	250384	167.34	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	838894	99.00	ng	0.00
78) Terphenyl-d14	20.03	244	1680026	99.01	ng	0.00

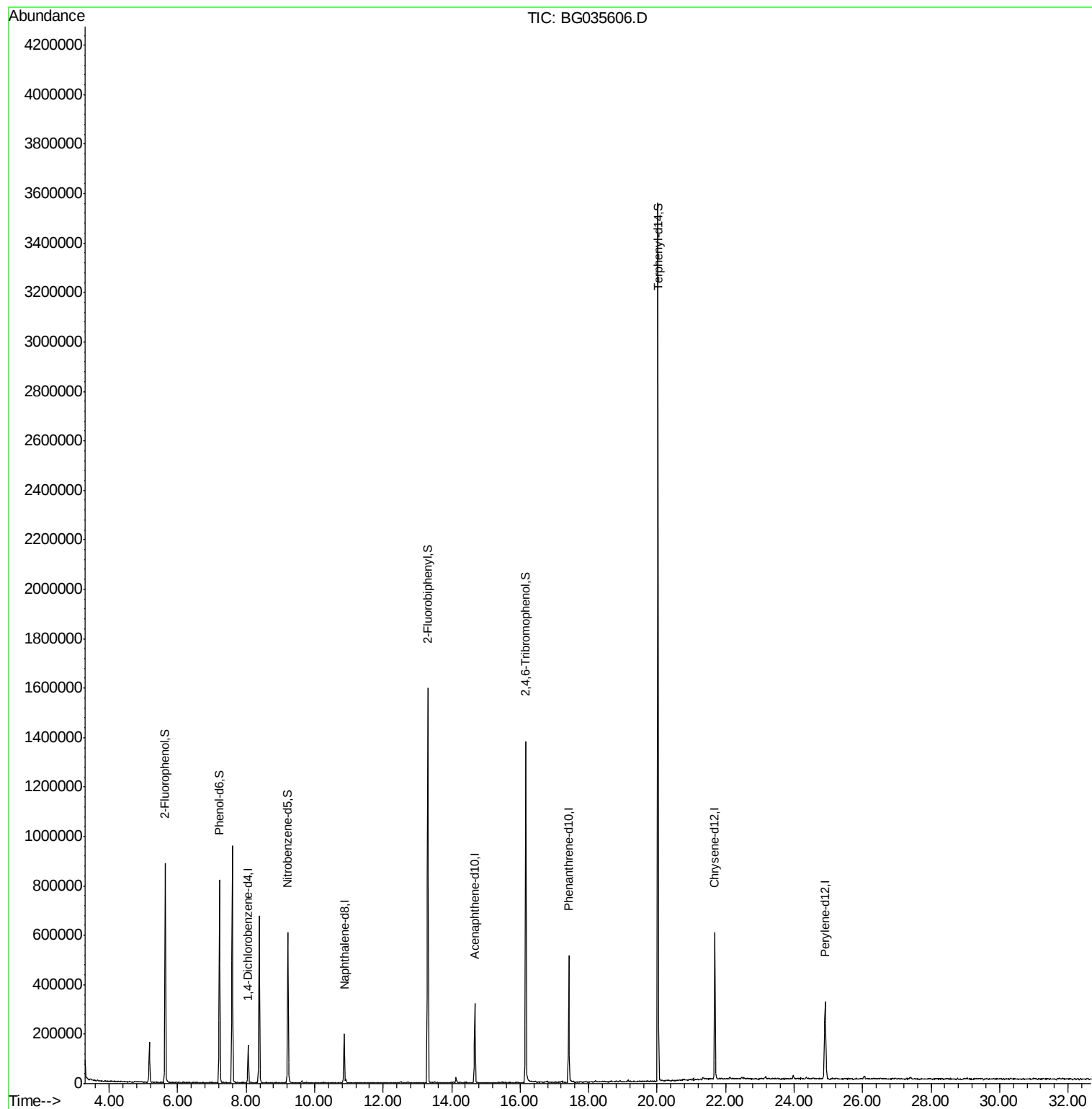
Target Compounds Qvalue

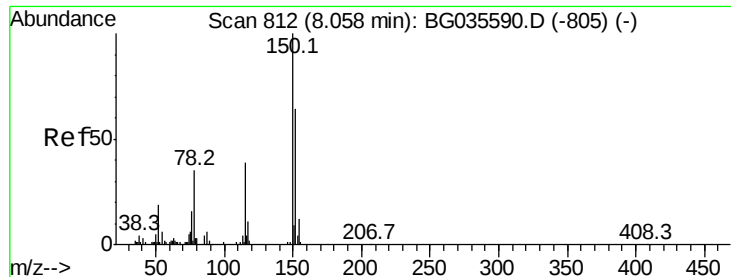
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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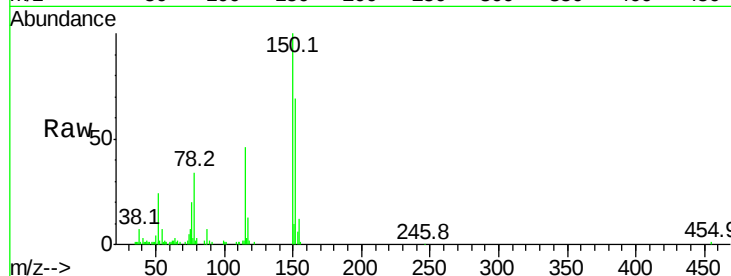


#1

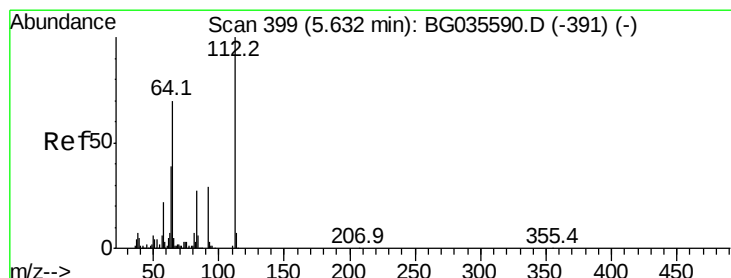
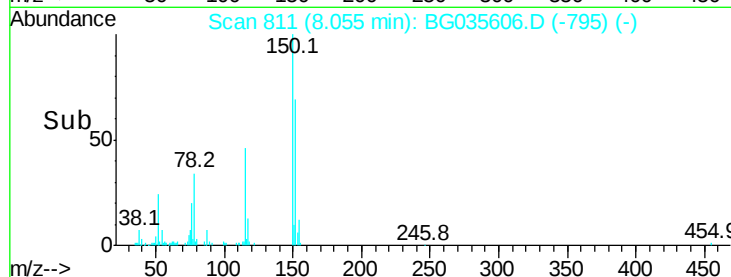
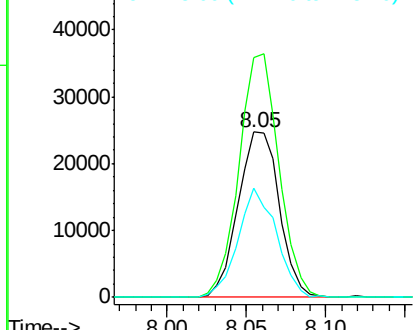
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.00 min
Lab File: BG035606.D
Acq: 12 Jul 2018 22:28

Instrument :
BNA_G
ClientSampleId :
CL-02-071118-D

Tot Ion:152 Resp: 44487
Ion Ratio Lower Upper
152 100
150 144.7 126.6 189.8
115 66.1 53.0 79.4



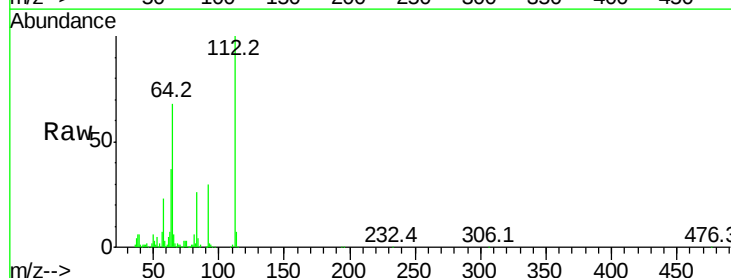
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



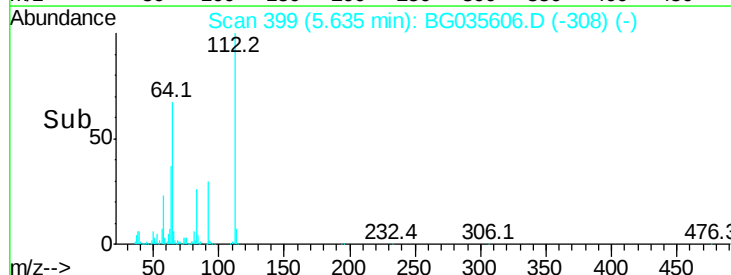
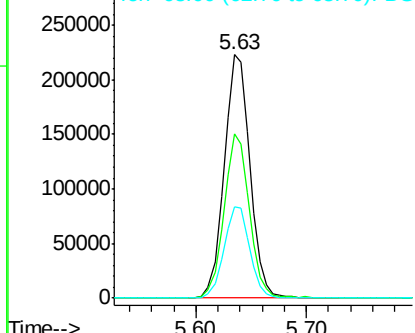
#5

2-Fluorophenol
Concen: 135.408 ng
RT: 5.63 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG035606.D
Acq: 12 Jul 2018 22:28

Tgt Ion:112 Resp: 362833
Ion Ratio Lower Upper
112 100
64 67.5 56.3 84.5
63 37.5 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: 117.567 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-D

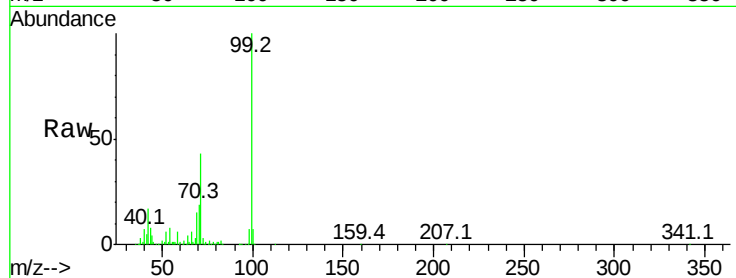
Tot Ion: 99 Resp: 470016

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

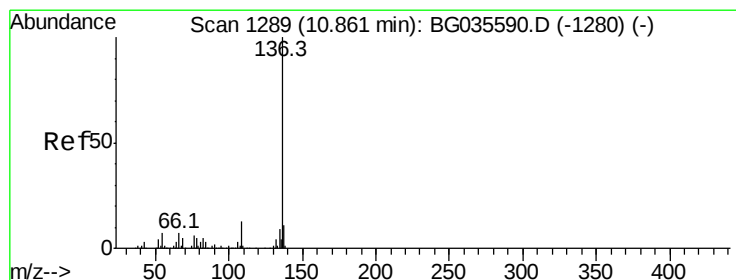
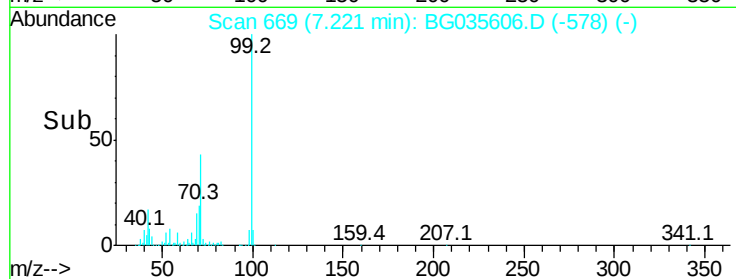
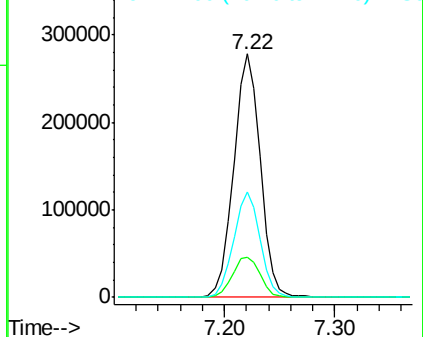
71 43.4 26.1 39.1#



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: BG035606.D

Acq: 12 Jul 2018 22:28

Tgt Ion:136 Resp: 161517

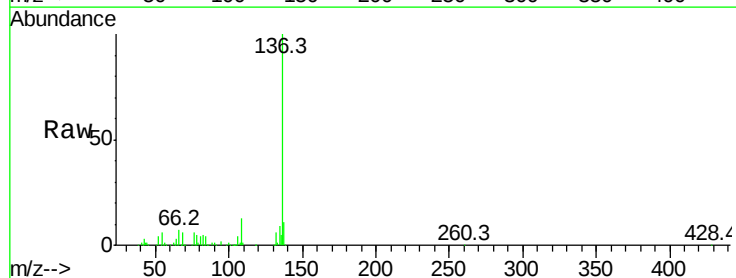
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 6.4 10.3 15.5#

68 5.7 4.5 6.7

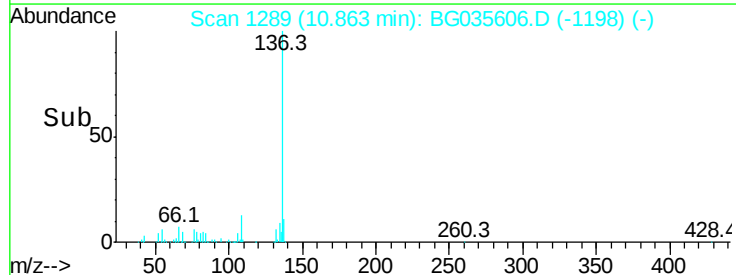
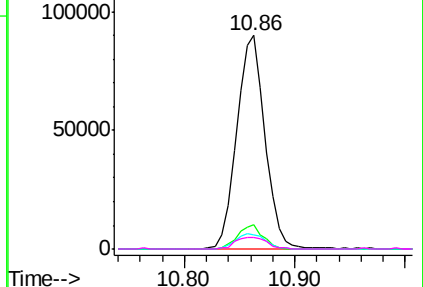


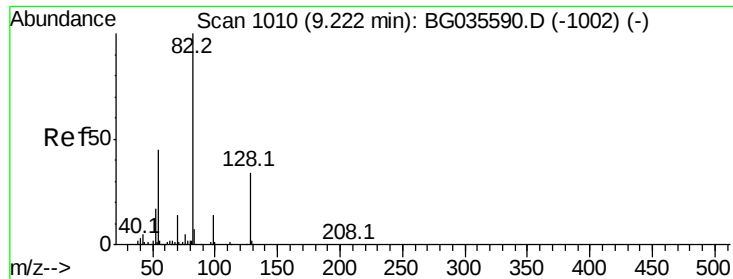
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 102.156 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-D

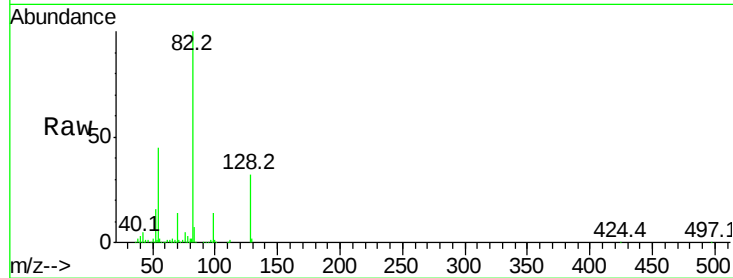
Tot Ion: 82 Resp: 394974

Ion Ratio Lower Upper

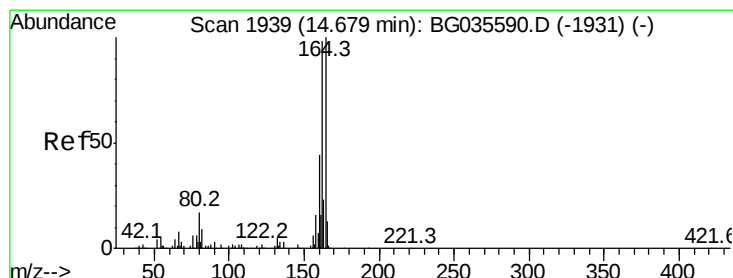
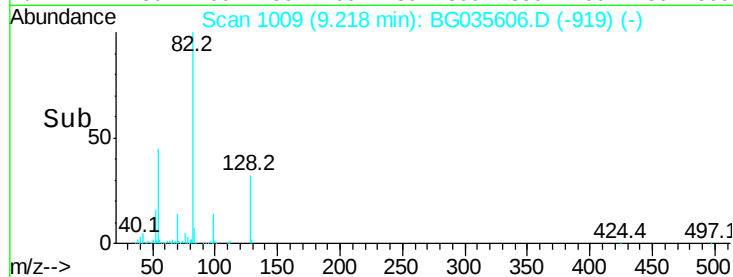
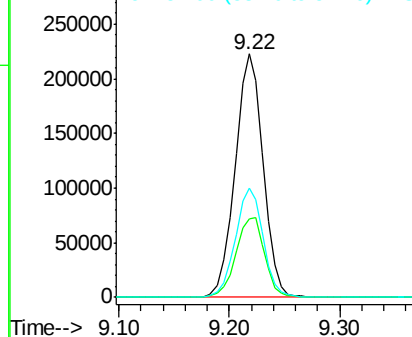
82 100

128 32.5 29.7 44.5

54 44.9 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: 14.68 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

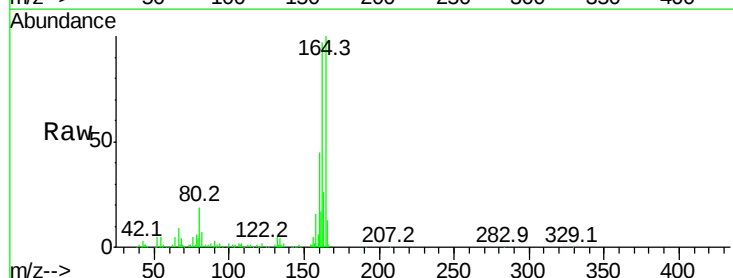
Tgt Ion:164 Resp: 113521

Ion Ratio Lower Upper

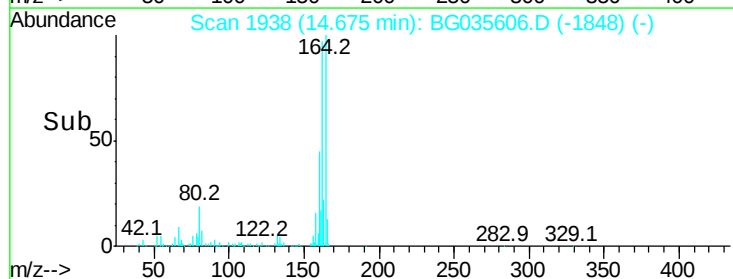
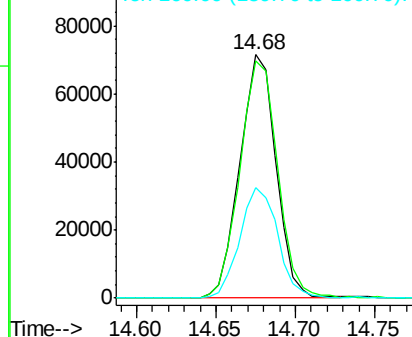
164 100

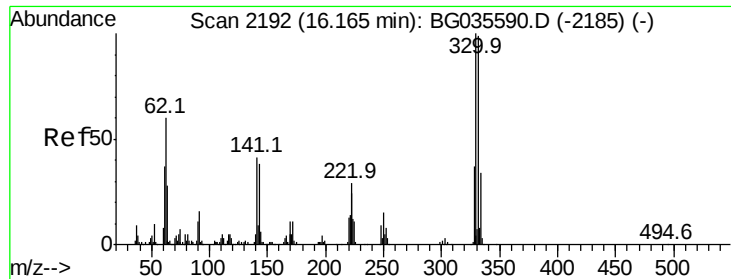
162 97.2 78.8 118.2

160 45.1 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: 167.338 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-D

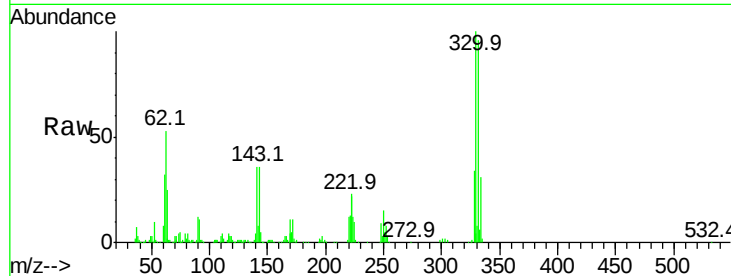
Tot Ion:330 Resp: 250384

Ion Ratio Lower Upper

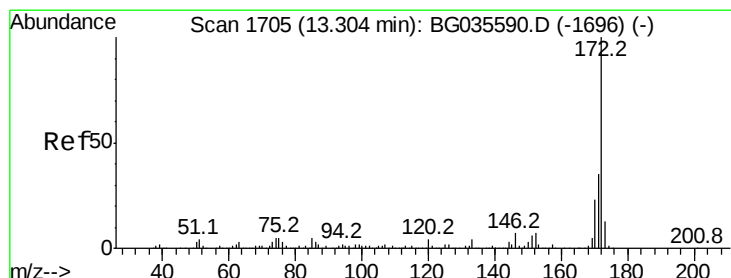
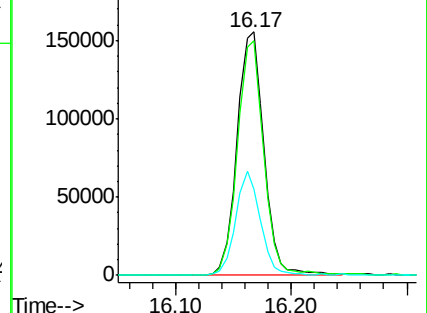
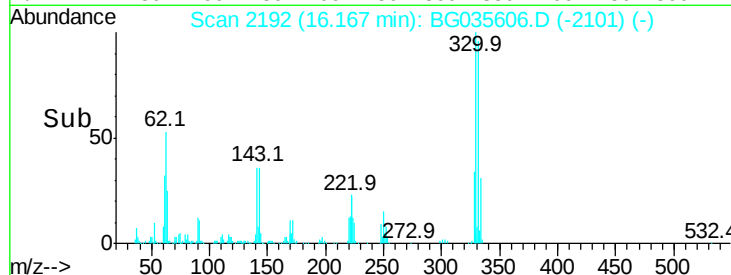
330 100

332 94.2 77.0 115.6

141 39.5 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: 99.004 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

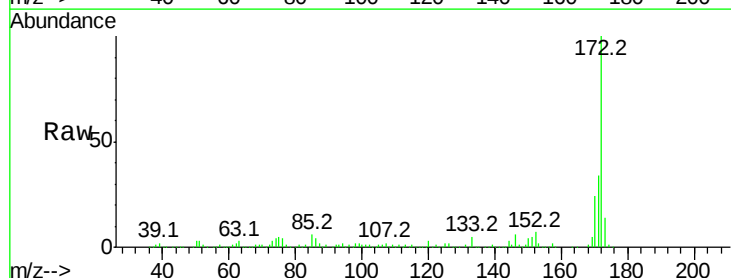
Tgt Ion:172 Resp: 838894

Ion Ratio Lower Upper

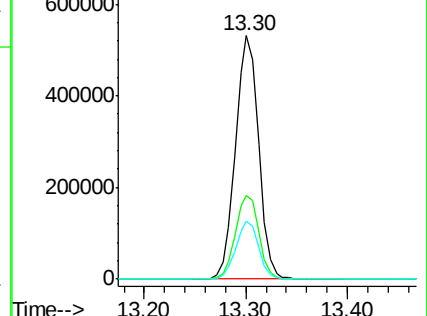
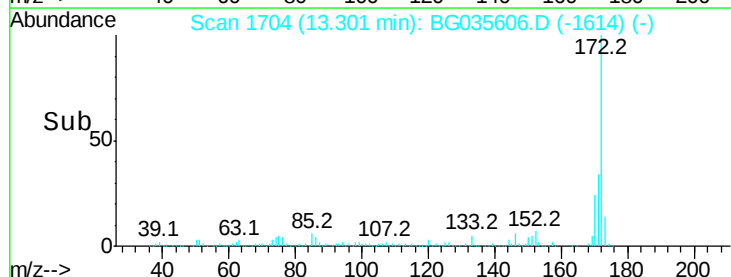
172 100

171 34.5 30.0 45.0

170 24.0 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. -0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-D

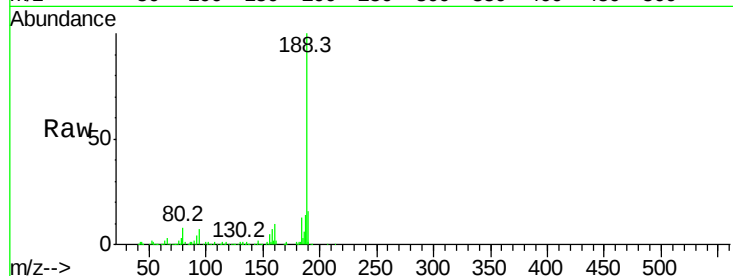
Tot Ion:188 Resp: 326656

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

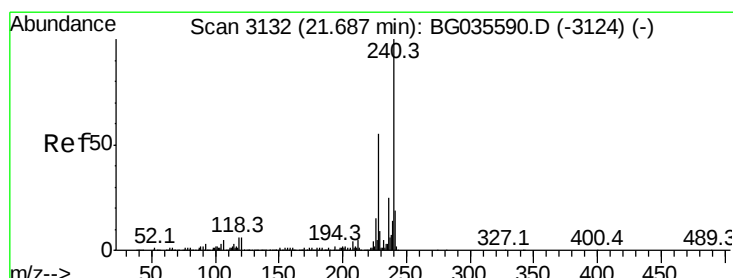
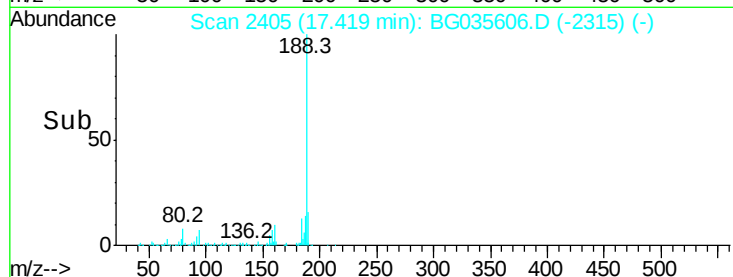
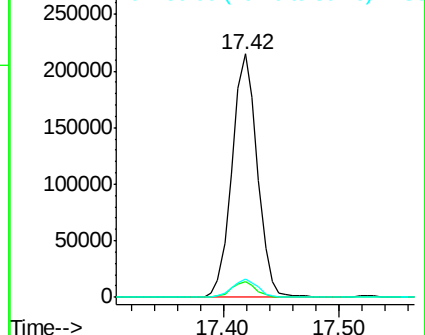
80 7.7 7.7 11.5



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: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

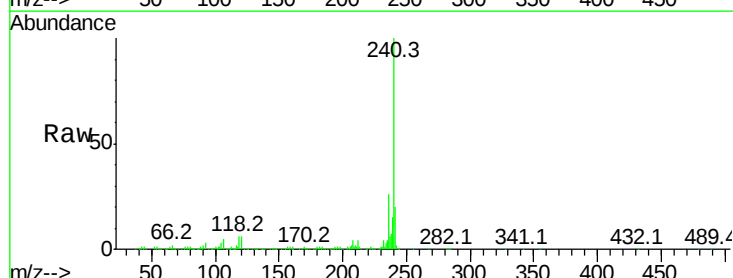
Tgt Ion:240 Resp: 374015

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

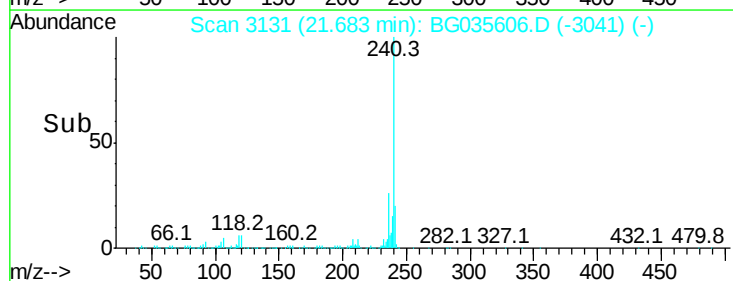
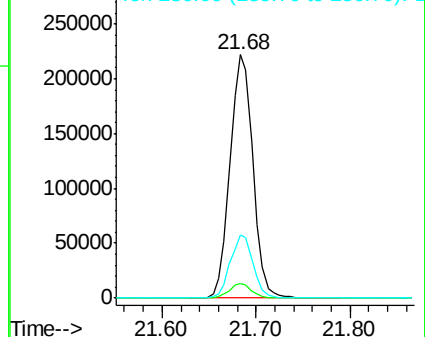
236 25.7 20.9 31.3

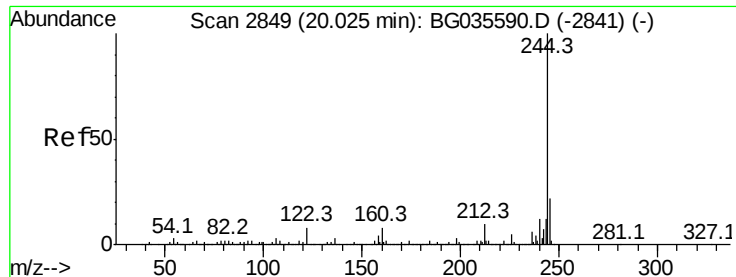


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.014 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

Instrument :

BNA_G

ClientSampleId :

CL-02-071118-D

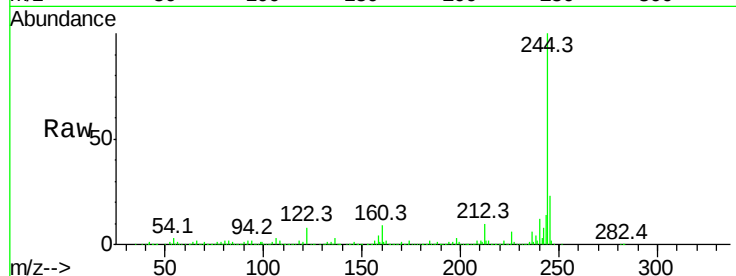
Tot Ion:244 Resp: 1680026

Ion Ratio Lower Upper

244 100

212 10.2 5.8 8.8#

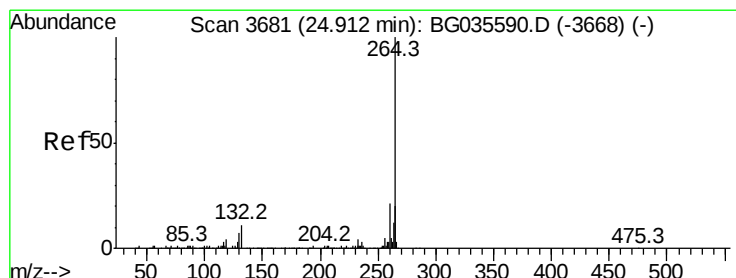
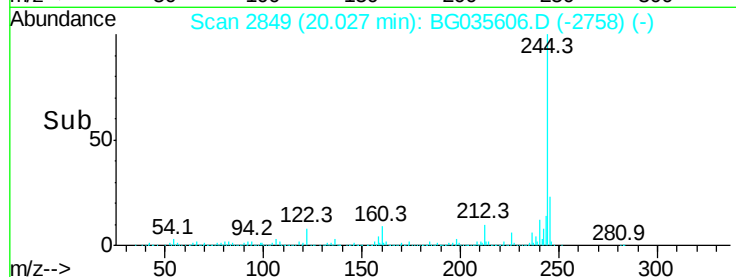
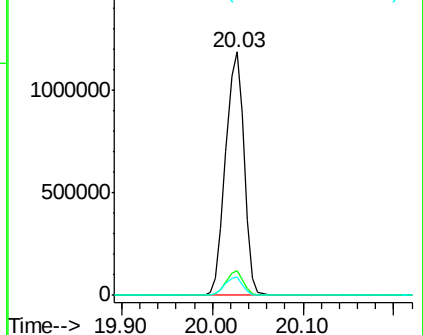
122 7.5 7.0 10.4



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. -0.01 min

Lab File: BG035606.D

Acq: 12 Jul 2018 22:28

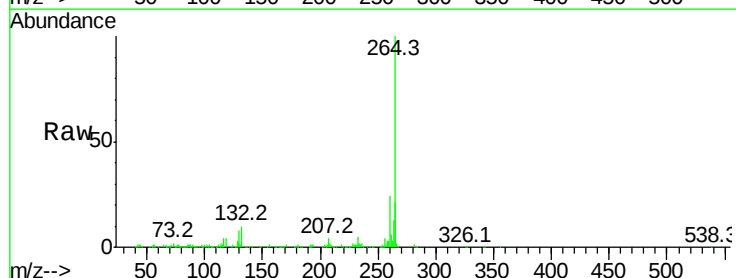
Tgt Ion:264 Resp: 340273

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.3 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

