

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036114.D
 Acq On : 4 Aug 2018 4:43
 Operator : JU/SJ
 Sample : J4310-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Quant Time: Aug 06 01:19:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	29172	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	105482	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	75332	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	217315	20.00	ng	0.00
75) Chrysene-d12	21.67	240	229230	20.00	ng	0.00
86) Perylene-d12	24.87	264	200433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	246211	140.12	ng	0.00
7) Phenol-d6	7.20	99	301329	114.94	ng	0.00
23) Nitrobenzene-d5	9.19	82	261074	103.39	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	155444	156.55	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	598110	106.37	ng	0.00
78) Terphenyl-d14	20.00	244	1184620	113.91	ng	0.00

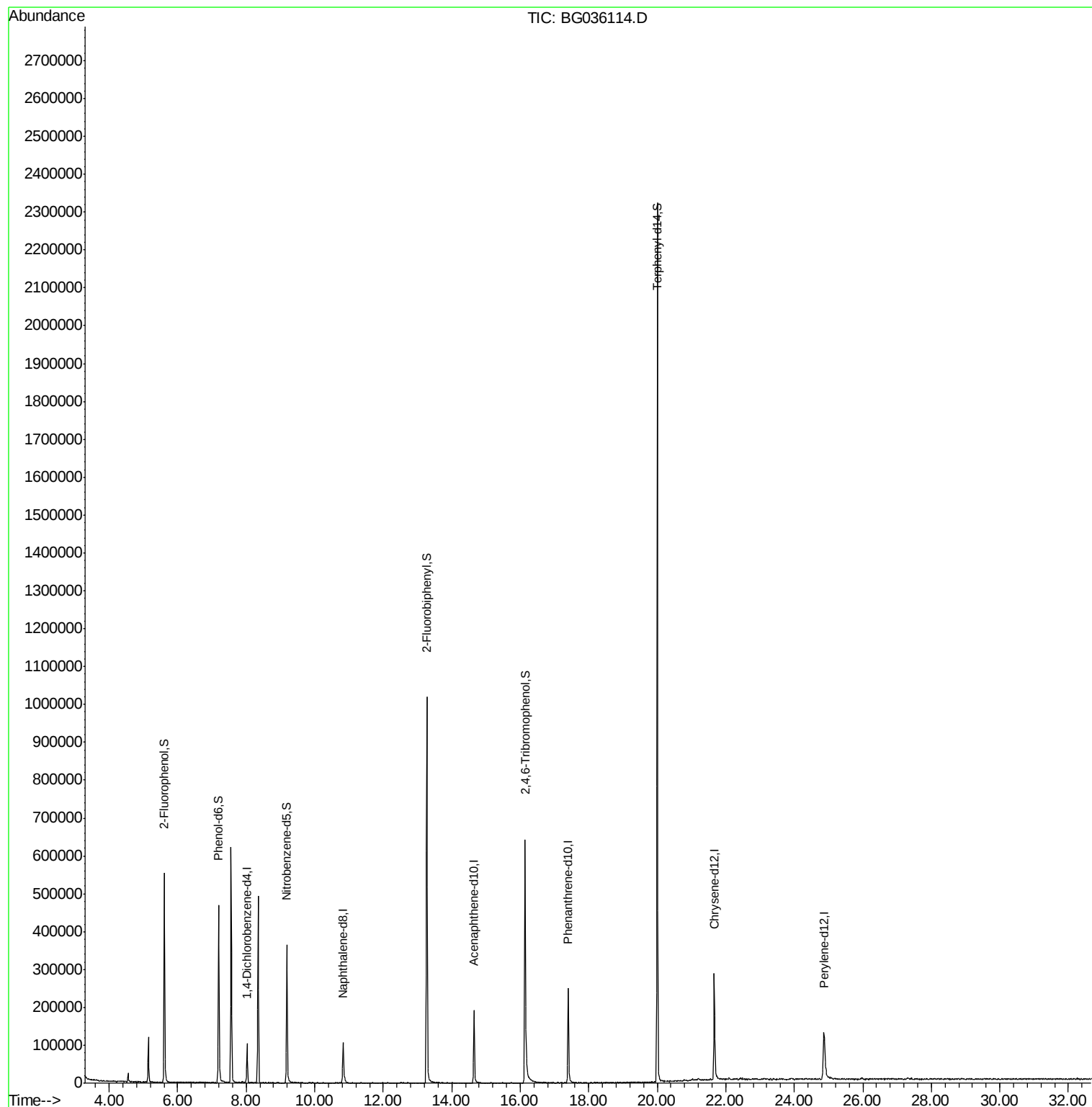
Target Compounds Qvalue

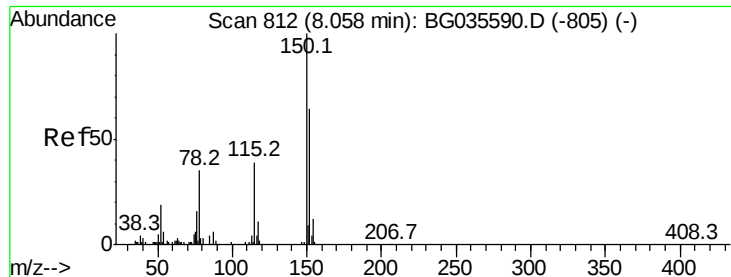
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 806

Delta R.T. 0.00 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

Instrument :

BNA_G

ClientSampleId :

C-4

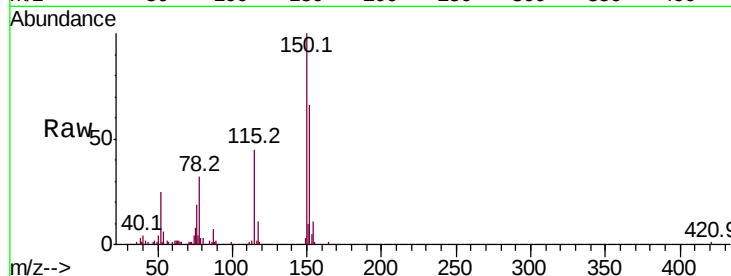
Tot Ion:152 Resp: 29172

Ion Ratio Lower Upper

152 100

150 151.2 126.6 189.8

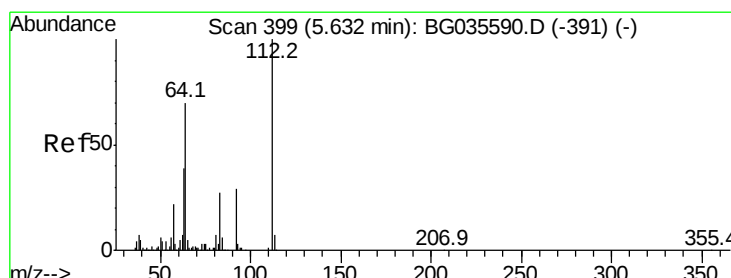
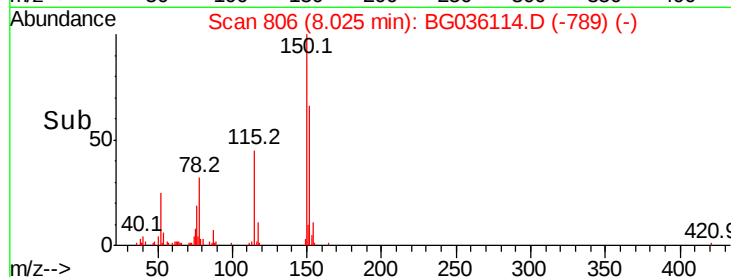
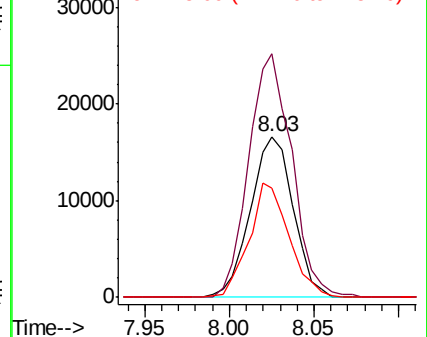
115 67.5 53.0 79.4



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: 140.123 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

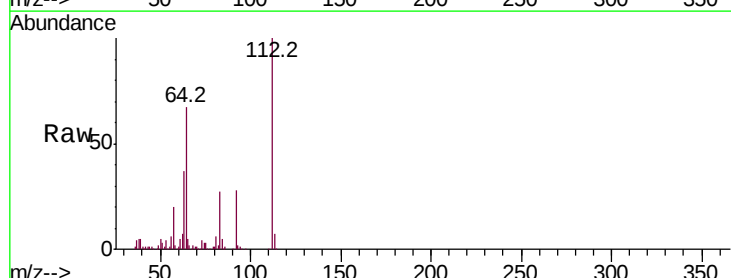
Tgt Ion:112 Resp: 246211

Ion Ratio Lower Upper

112 100

64 67.3 56.3 84.5

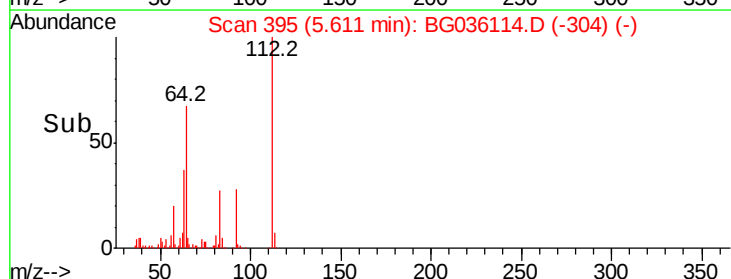
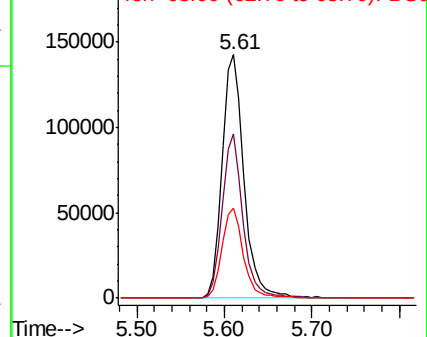
63 37.0 30.1 45.1



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: 114.942 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

Instrument :

BNA_G

ClientSampleId :

C-4

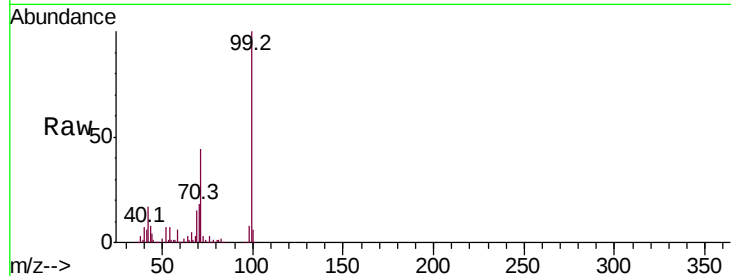
Tot Ion: 99 Resp: 301329

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

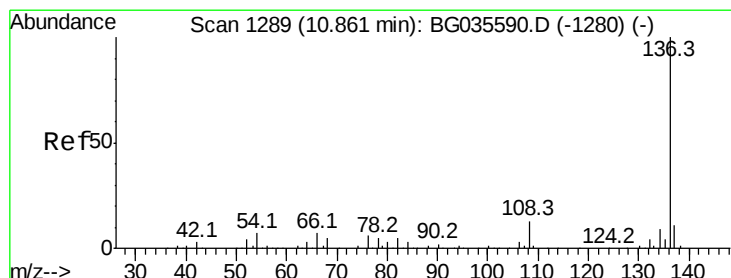
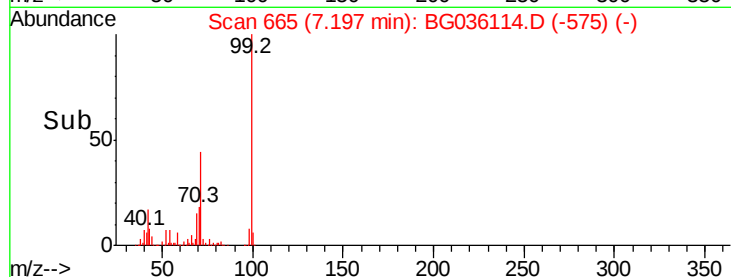
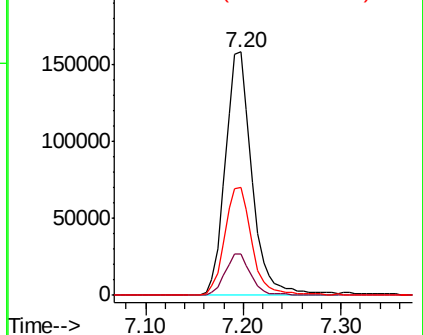
71 44.3 26.1 39.1#



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: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

Tgt Ion:136 Resp: 105482

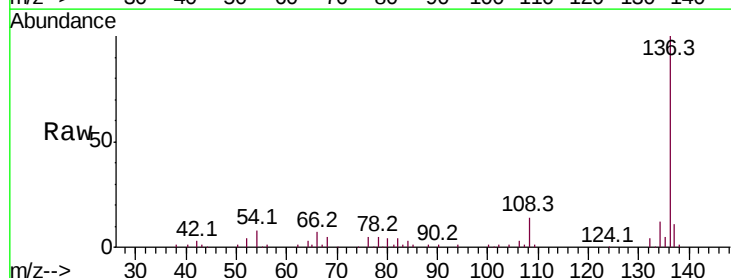
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 7.7 10.3 15.5#

68 5.0 4.5 6.7

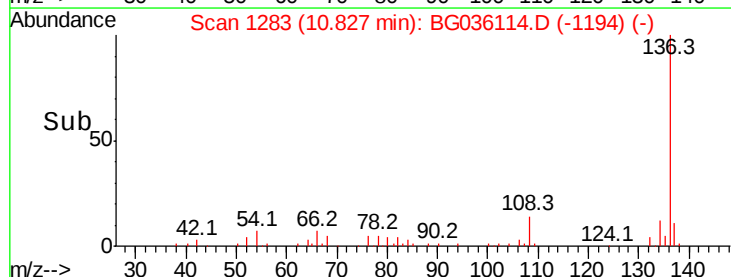
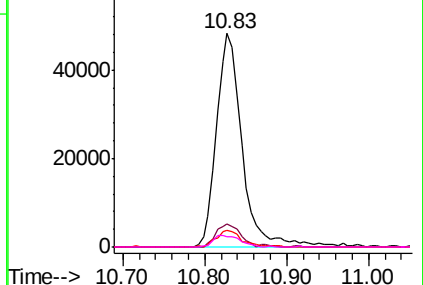


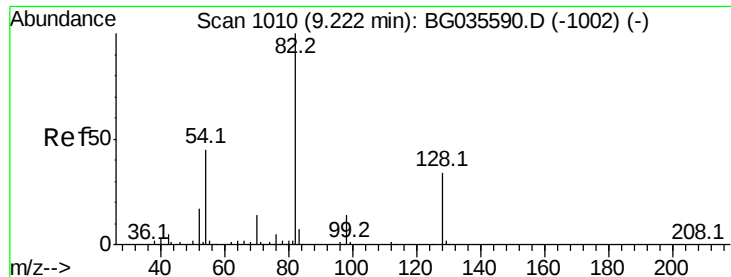
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 103.395 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

Instrument :

BNA_G

ClientSampleId :

C-4

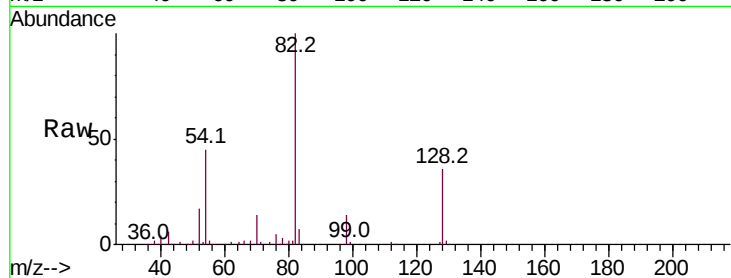
Tot Ion: 82 Resp: 261074

Ion Ratio Lower Upper

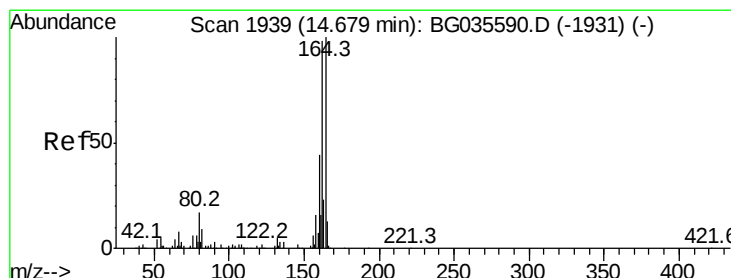
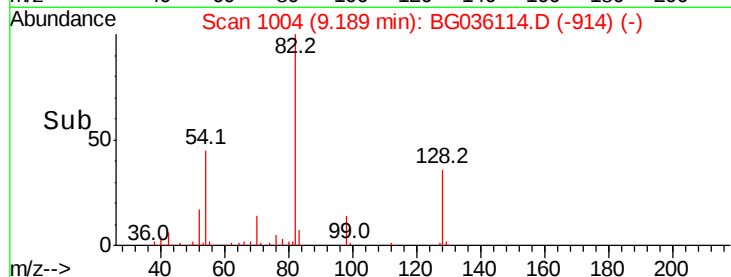
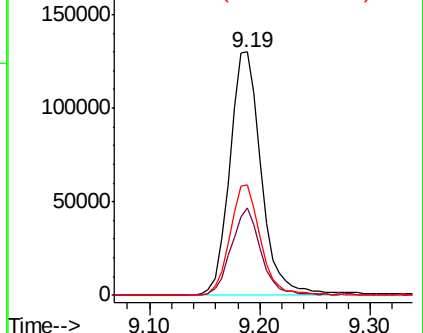
82 100

128 35.7 29.7 44.5

54 45.2 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: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

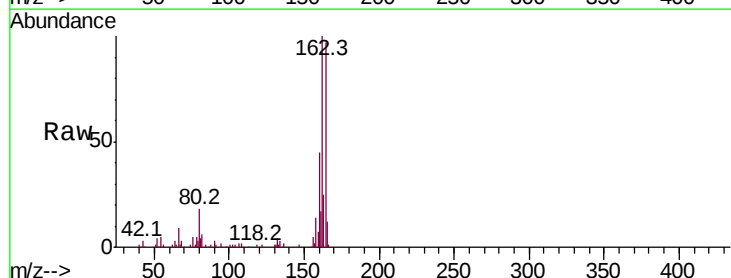
Tgt Ion:164 Resp: 75332

Ion Ratio Lower Upper

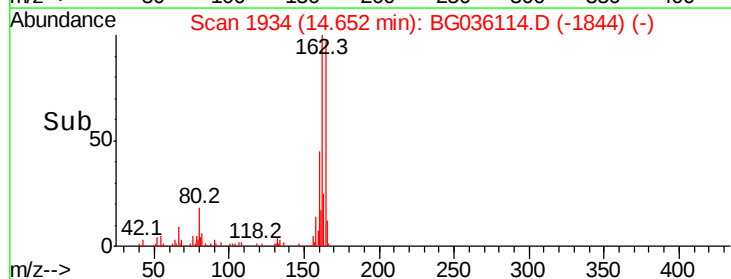
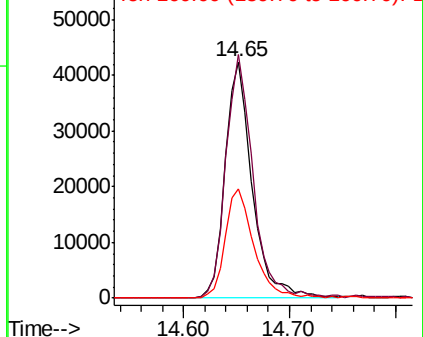
164 100

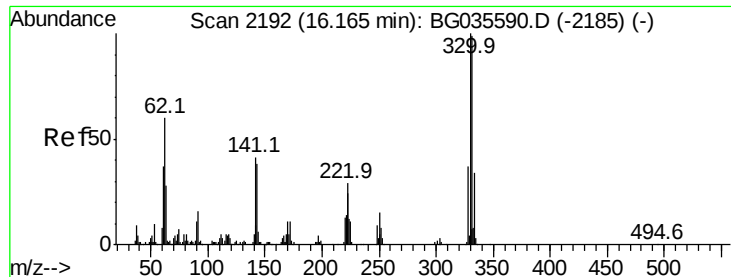
162 102.9 78.8 118.2

160 46.2 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

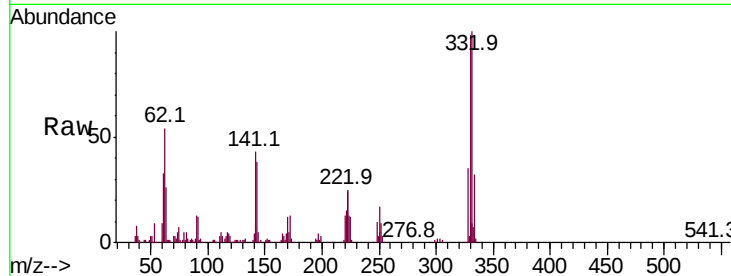




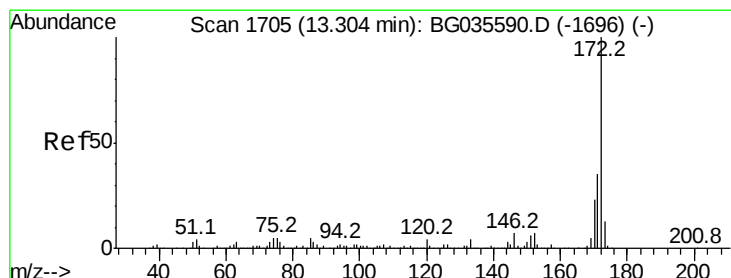
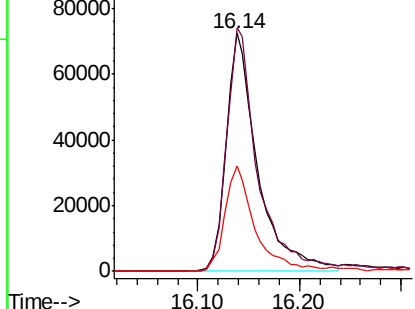
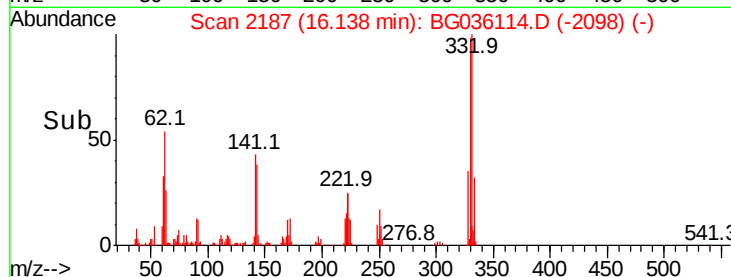
#41
 2,4,6-Tribromophenol
 Concen: 156.552 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG036114.D
 Acq: 4 Aug 2018 4:43

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Tot Ion:330 Resp: 155444
 Ion Ratio Lower Upper
 330 100
 332 100.3 77.0 115.6
 141 42.0 25.2 37.8#

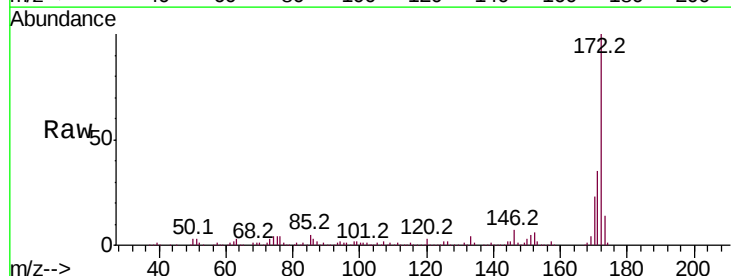


Abundance Ion 329.80 (329.50 to 330.50): E
 100000 Ion 331.80 (331.50 to 332.50): E
 80000 Ion 141.00 (140.70 to 141.70): E

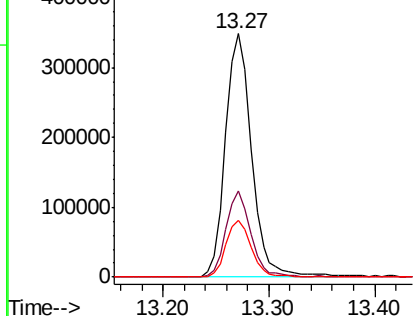
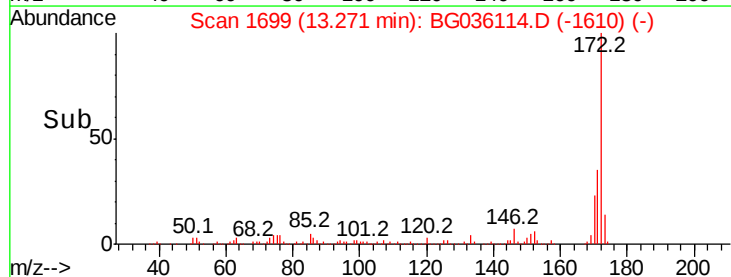


#44
 2-Fluorobiphenyl
 Concen: 106.371 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG036114.D
 Acq: 4 Aug 2018 4:43

Tgt Ion:172 Resp: 598110
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 23.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 400000 Ion 171.00 (170.70 to 171.70): E
 300000 Ion 170.00 (169.70 to 170.70): E

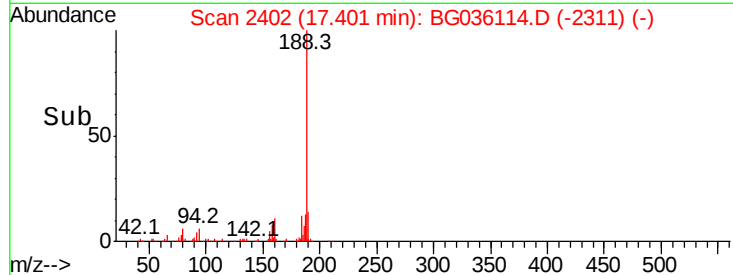
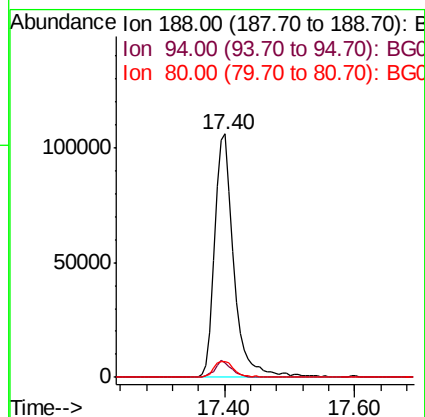
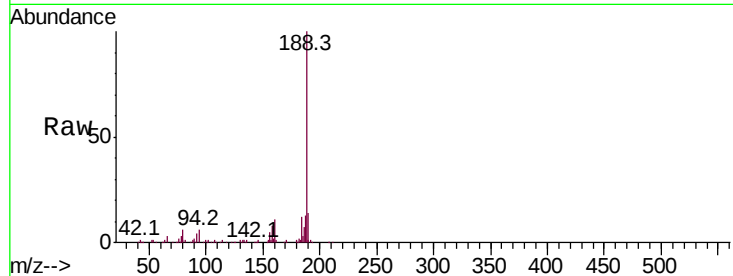




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BG036114.D
Acq: 4 Aug 2018 4:43

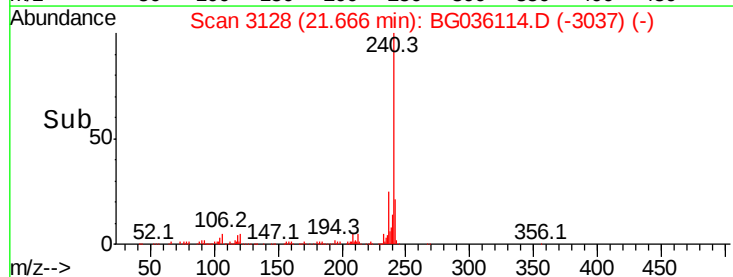
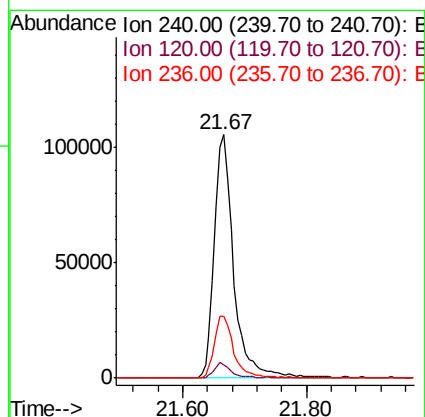
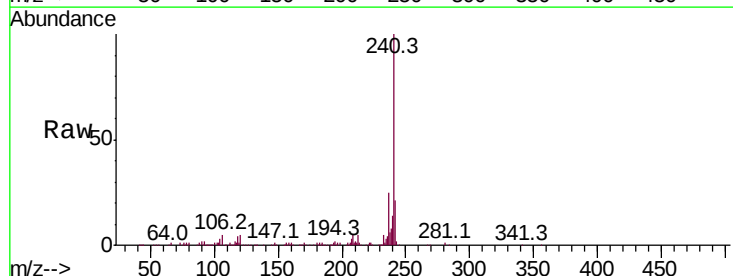
Instrument :
BNA_G
ClientSampled :
C-4

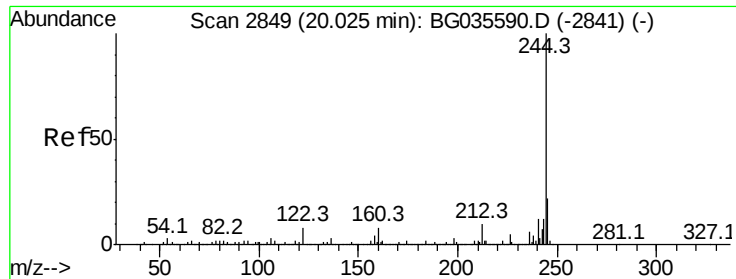
Tot Ion:188 Resp: 217315
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 6.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BG036114.D
Acq: 4 Aug 2018 4:43

Tgt Ion:240 Resp: 229230
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 113.914 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

Instrument :

BNA_G

ClientSampleId :

C-4

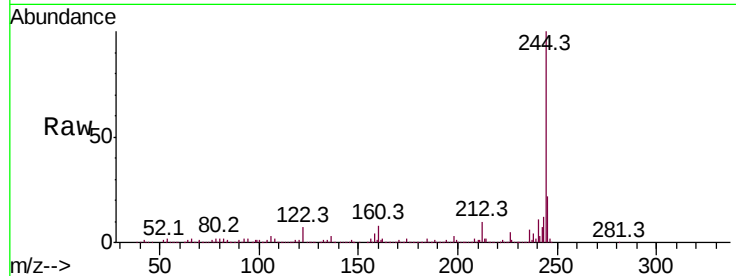
Tot Ion:244 Resp: 1184620

Ion Ratio Lower Upper

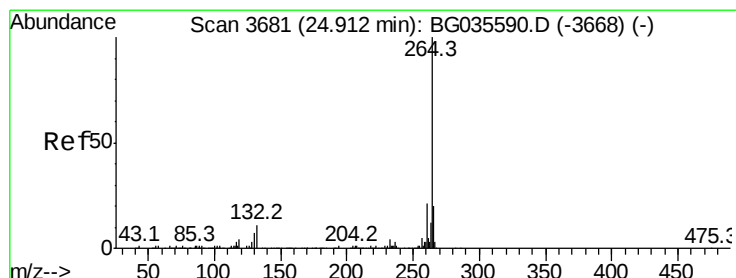
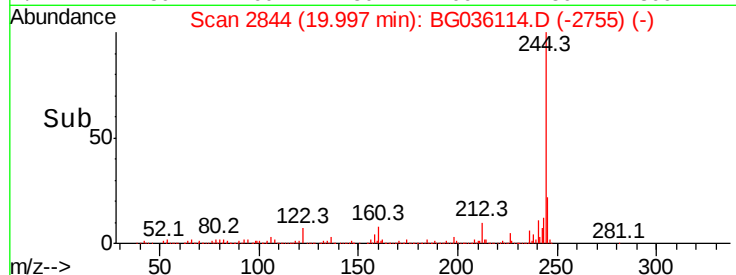
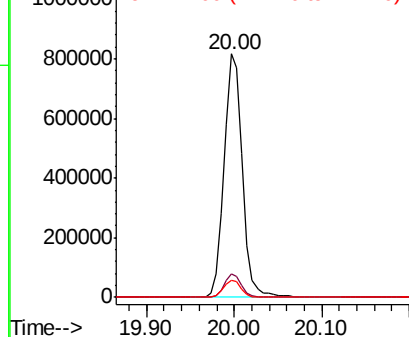
244 100

212 9.8 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

Perylene-d12

Concen: 20.000 ng

RT: 24.87 min Scan# 3673

Delta R.T. 0.01 min

Lab File: BG036114.D

Acq: 4 Aug 2018 4:43

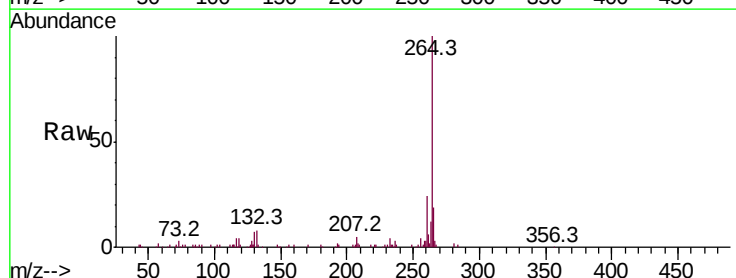
Tgt Ion:264 Resp: 200433

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 19.4 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

