

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035198.D
 Acq On : 16 Jun 2018 8:36
 Operator : SJ/JU
 Sample : J3241-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-061318-B

Quant Time: Jun 18 02:01:22 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	42024	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	161533	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	119838	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	330822	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	362432	20.00	ng	-0.02
86) Perylene-d12	24.92	264	307413	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	355563	142.79	ng	-0.01
7) Phenol-d6	7.22	99	473644	128.87	ng	0.00
23) Nitrobenzene-d5	9.22	82	388827	114.42	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	251945	164.23	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	911411	98.87	ng	-0.02
78) Terphenyl-d14	20.04	244	1763674	101.93	ng	-0.01

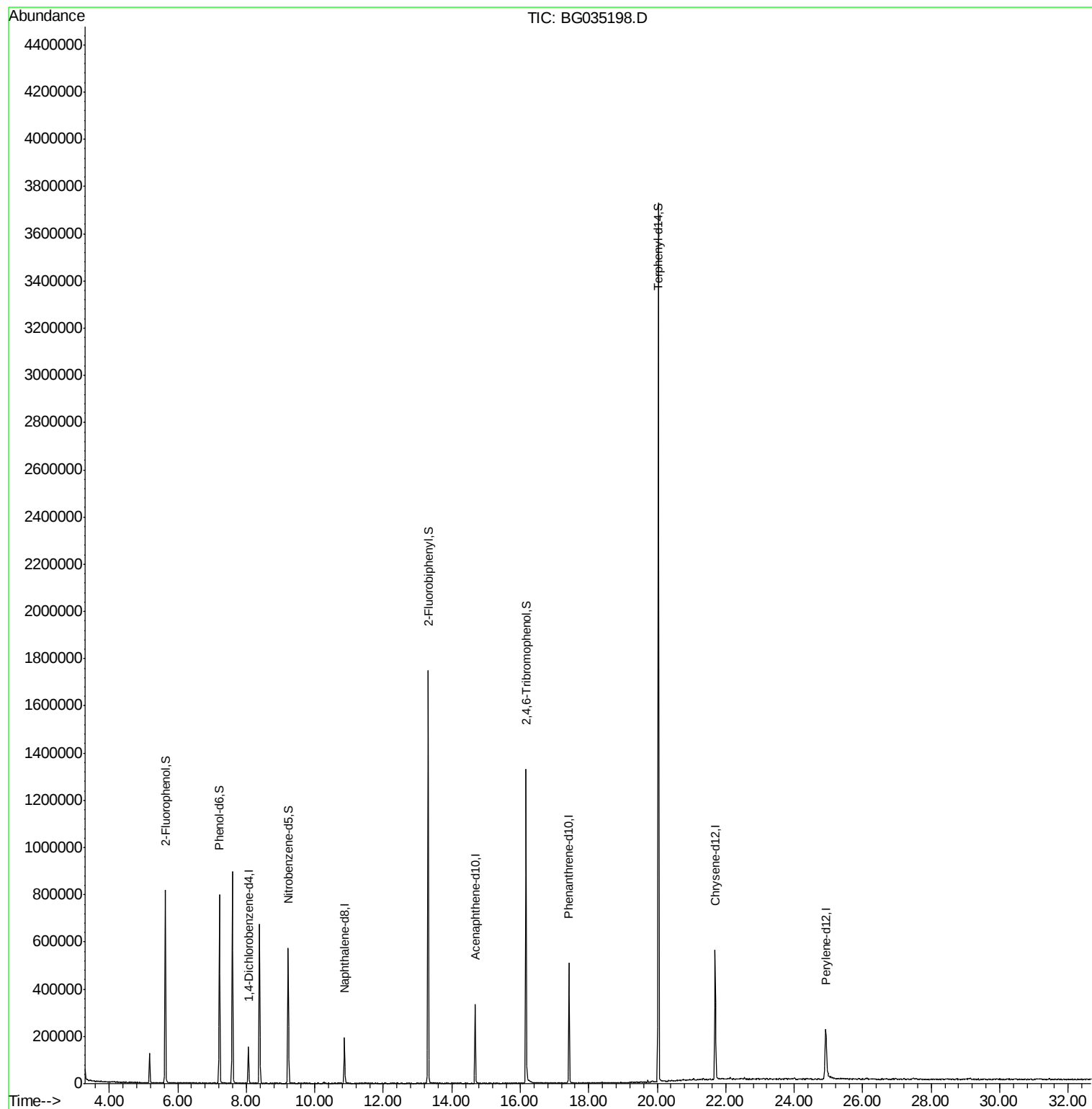
Target Compounds Qvalue

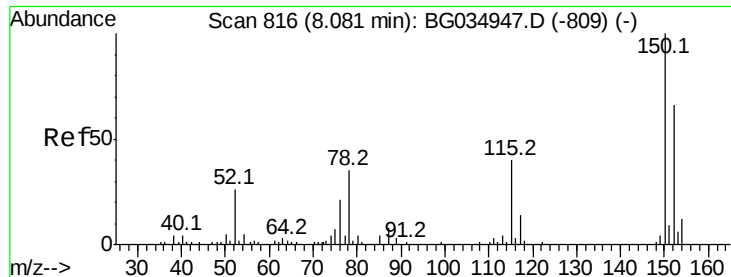
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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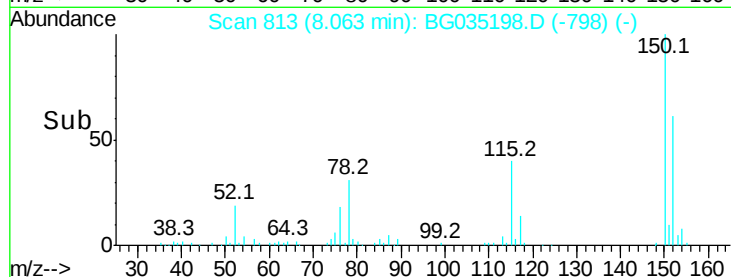
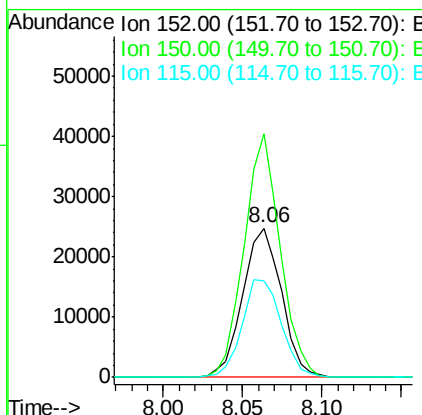
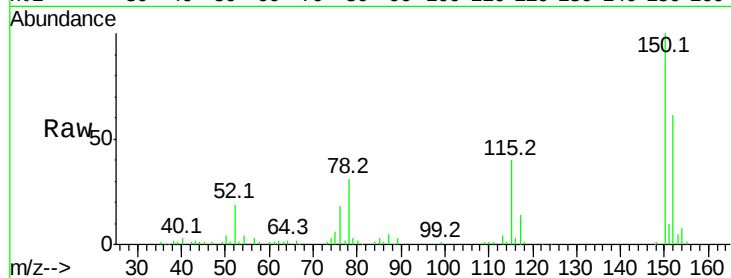


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035198.D
Acq: 16 Jun 2018 8:36

Instrument :
BNA_G
ClientSampleId :
HR-05-061318-B

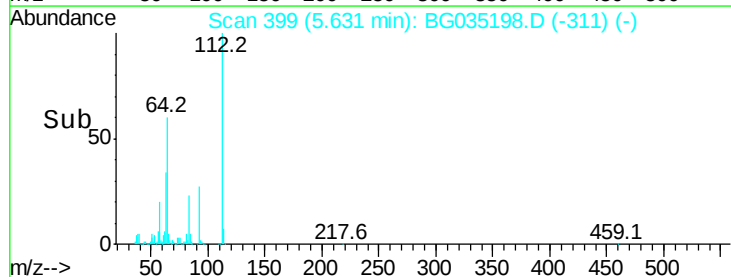
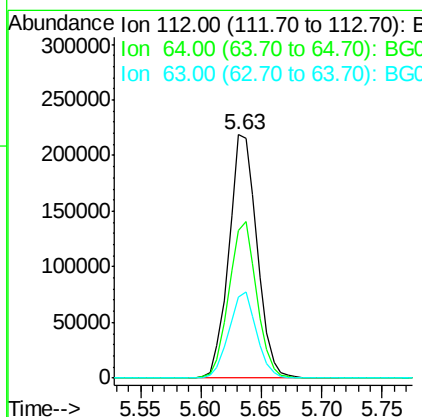
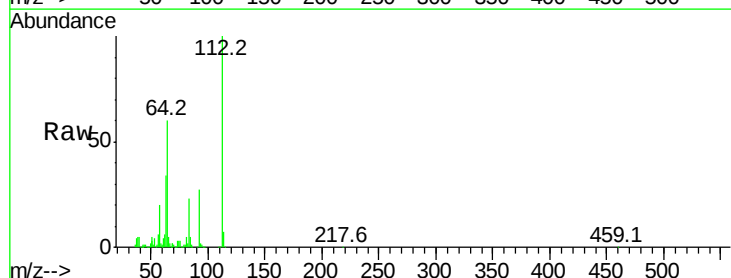
Tot Ion:152 Resp: 42024
Ion Ratio Lower Upper
152 100
150 163.3 126.6 189.8
115 64.7 53.0 79.4

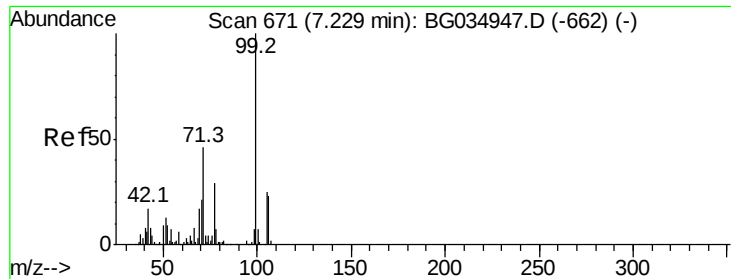


#5

2-Fluorophenol
Concen: 142.788 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035198.D
Acq: 16 Jun 2018 8:36

Tgt Ion:112 Resp: 355563
Ion Ratio Lower Upper
112 100
64 60.5 56.3 84.5
63 33.5 30.1 45.1





#7

Phenol-d6

Concen: 128.872 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035198.D

Acq: 16 Jun 2018 8:36

Instrument :

BNA_G

ClientSampleId :

HR-05-061318-B

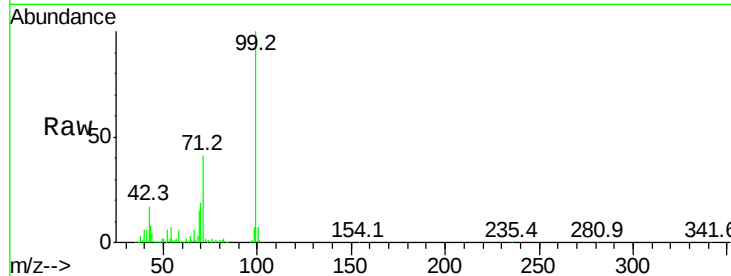
Tot Ion: 99 Resp: 473644

Ion Ratio Lower Upper

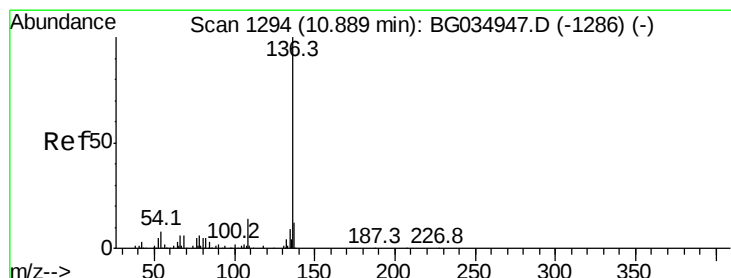
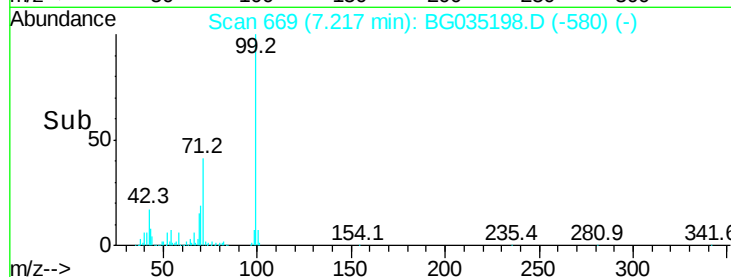
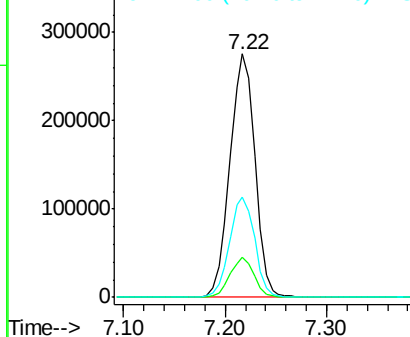
99 100

42 16.7 14.1 21.1

71 41.1 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: BG035198.D

Acq: 16 Jun 2018 8:36

Tgt Ion: 136 Resp: 161533

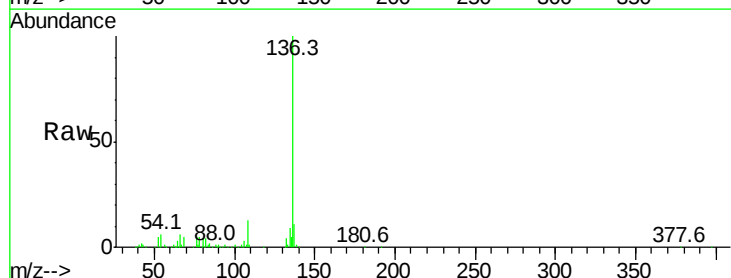
Ion Ratio Lower Upper

136 100

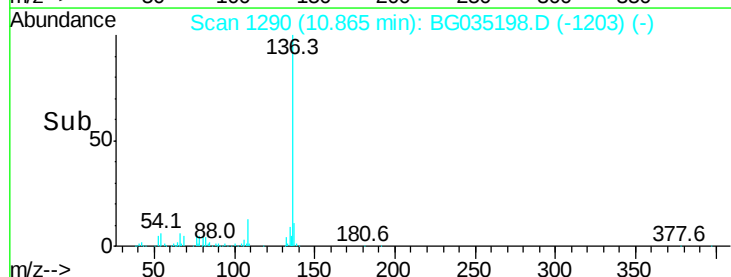
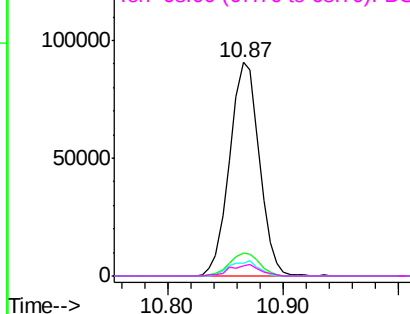
137 10.8 9.2 13.8

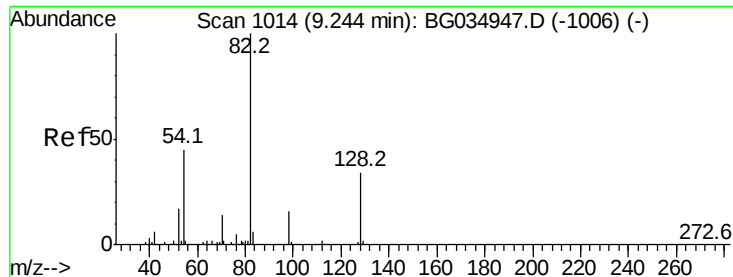
54 5.9 10.3 15.5#

68 4.7 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: 114.420 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035198.D

Acq: 16 Jun 2018 8:36

Instrument :

BNA_G

ClientSampleId :

HR-05-061318-B

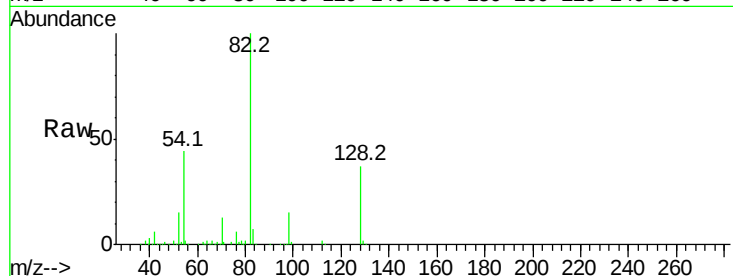
Tot Ion: 82 Resp: 388827

Ion Ratio Lower Upper

82 100

128 37.2 29.7 44.5

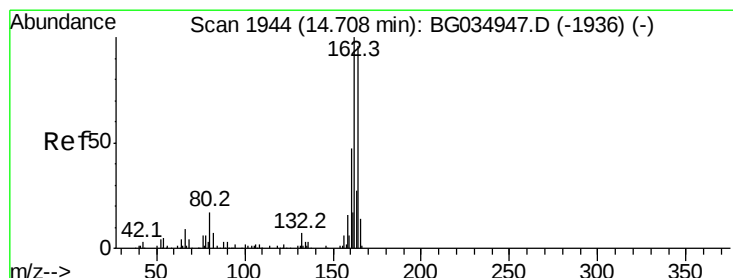
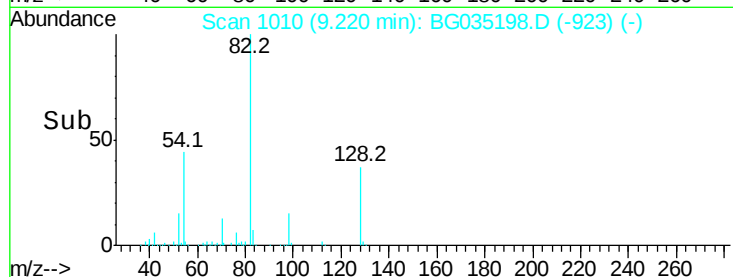
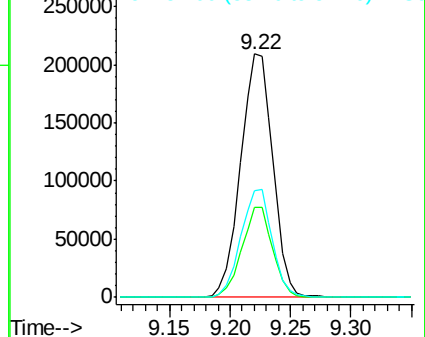
54 43.7 43.1 64.7



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# 1940

Delta R.T. -0.01 min

Lab File: BG035198.D

Acq: 16 Jun 2018 8:36

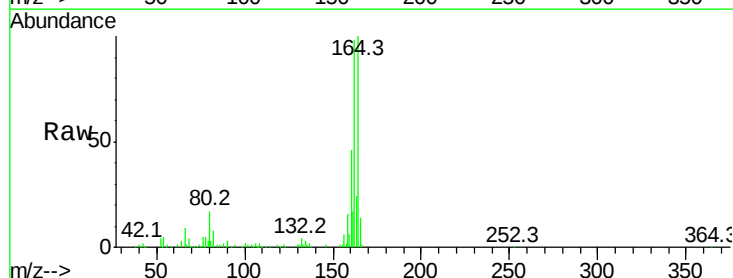
Tgt Ion:164 Resp: 119838

Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

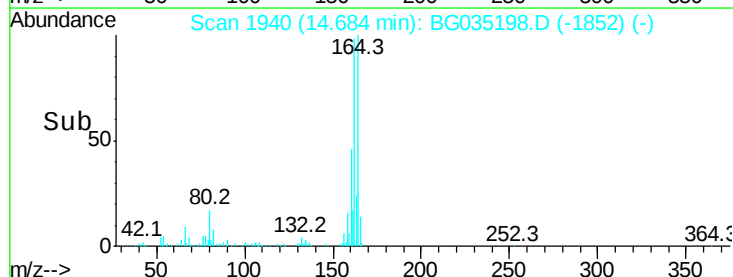
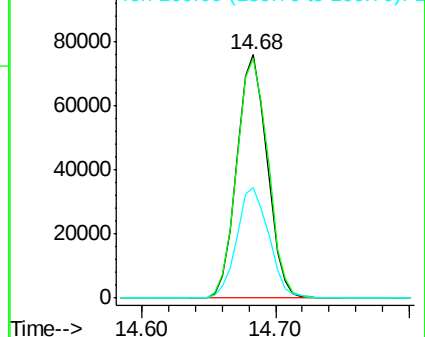
160 45.6 35.4 53.0

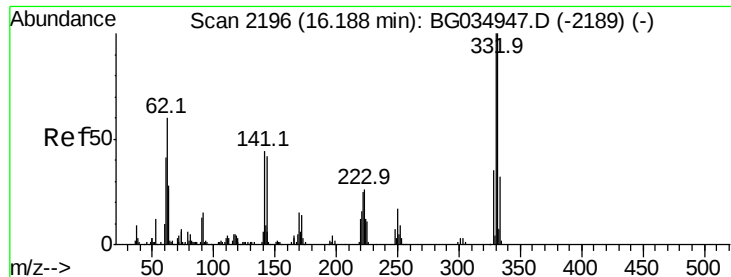


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

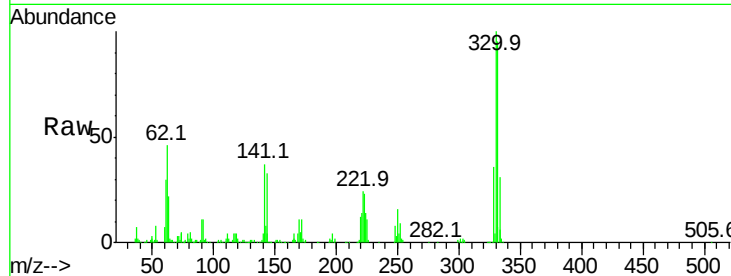




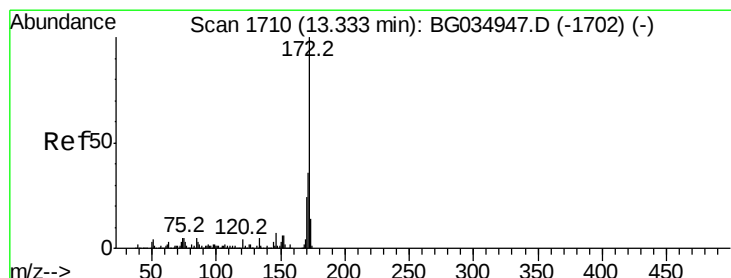
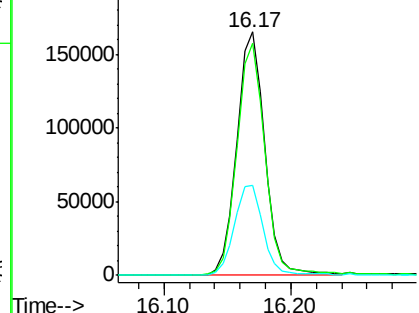
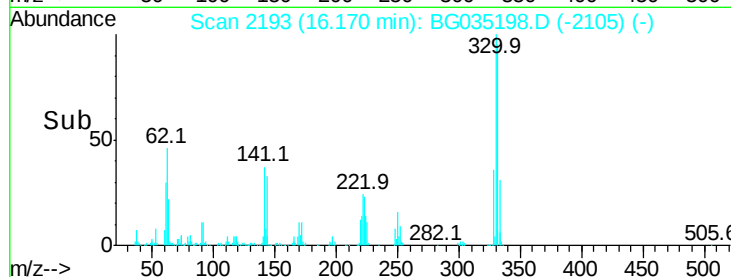
#41
 2,4,6-Tribromophenol
 Concen: 164.232 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035198.D
 Acq: 16 Jun 2018 8:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-061318-B

Tot Ion:330 Resp: 251945
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.3 25.2 37.8#

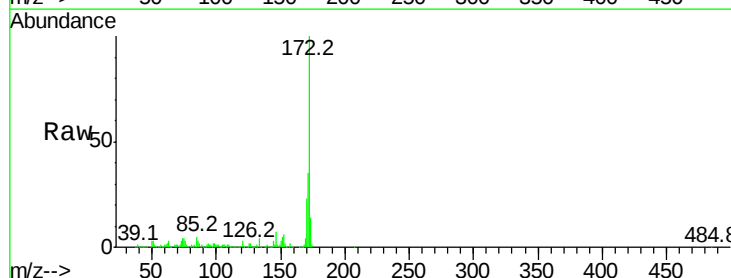


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

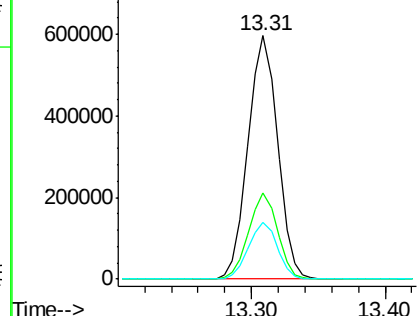
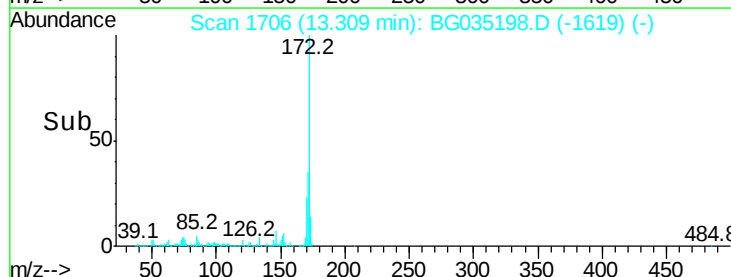


#44
 2-Fluorobiphenyl
 Concen: 98.869 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035198.D
 Acq: 16 Jun 2018 8:36

Tgt Ion:172 Resp: 911411
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 23.4 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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035198.D

Acq: 16 Jun 2018 8:36

Instrument :

BNA_G

ClientSampleId :

HR-05-061318-B

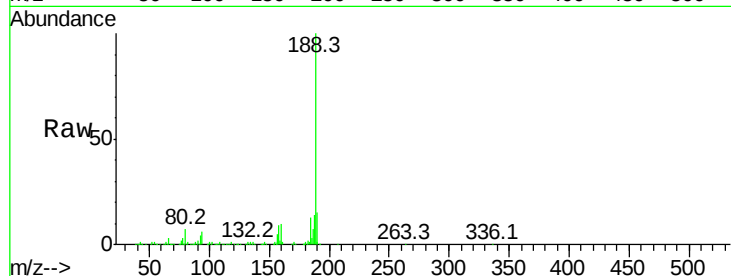
Tot Ion:188 Resp: 330822

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

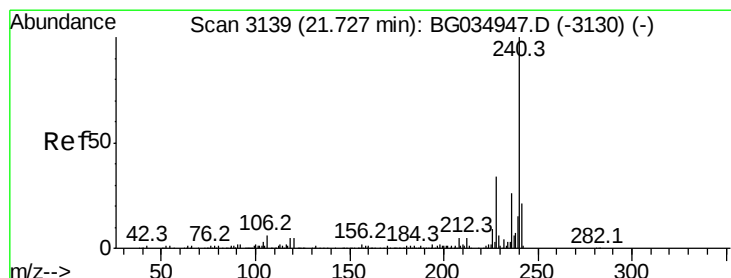
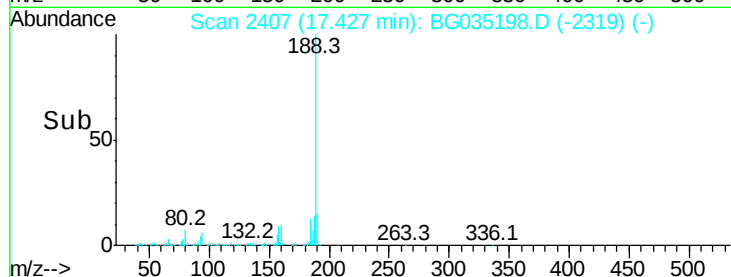
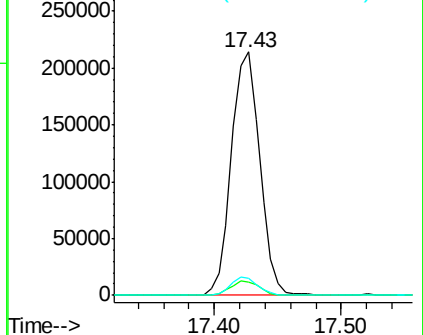
80 6.8 7.7 11.5#



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: BG035198.D

Acq: 16 Jun 2018 8:36

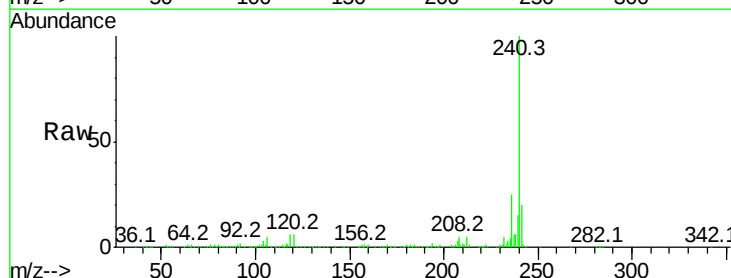
Tgt Ion:240 Resp: 362432

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

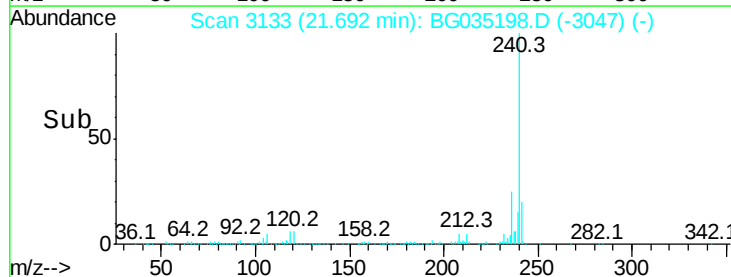
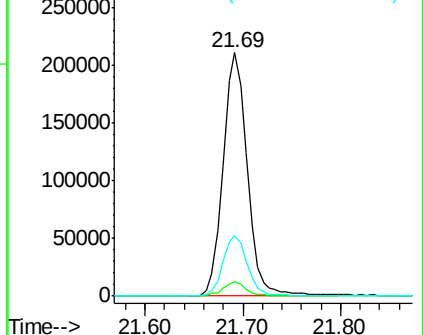
236 25.0 20.9 31.3



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: 101.931 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035198.D

Acq: 16 Jun 2018 8:36

Instrument :

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HR-05-061318-B

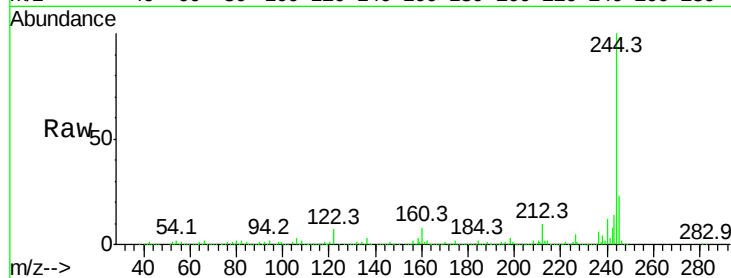
Tot Ion:244 Resp: 1763674

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

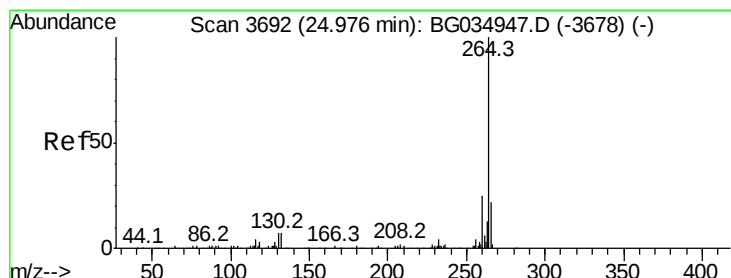
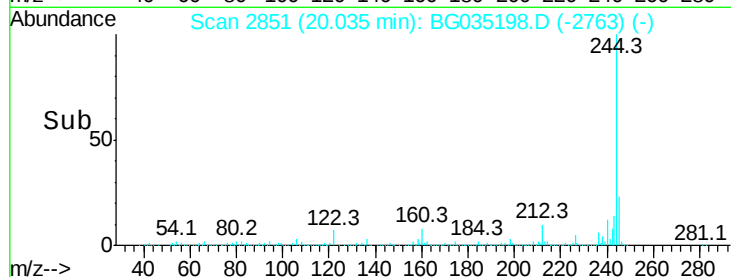
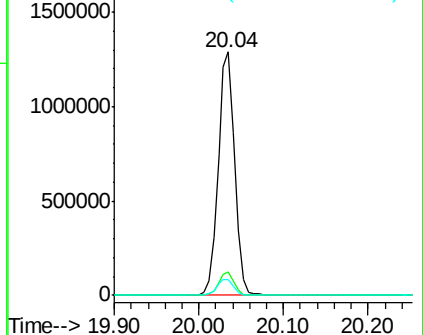
122 6.7 7.0 10.4#



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: 24.92 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035198.D

Acq: 16 Jun 2018 8:36

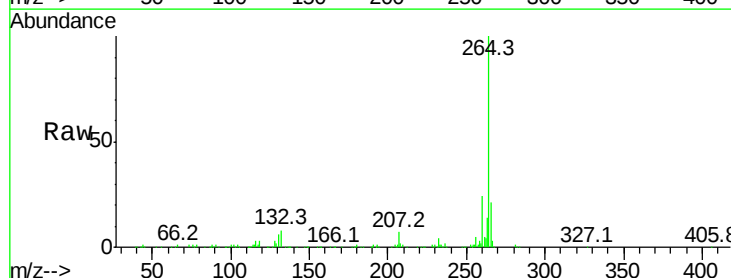
Tgt Ion:264 Resp: 307413

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 20.6 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

