

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035199.D
 Acq On : 16 Jun 2018 9:15
 Operator : SJ/JU
 Sample : J3241-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jun 18 02:04:51 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	44929	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	163109	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	120597	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	343622	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	373300	20.00	ng	-0.02
86) Perylene-d12	24.92	264	301768	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	365007	137.10	ng	-0.01
7) Phenol-d6	7.22	99	487317	124.02	ng	0.00
23) Nitrobenzene-d5	9.22	82	398865	116.24	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	251335	162.80	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	918687	99.03	ng	-0.02
78) Terphenyl-d14	20.03	244	1805415	101.31	ng	-0.02

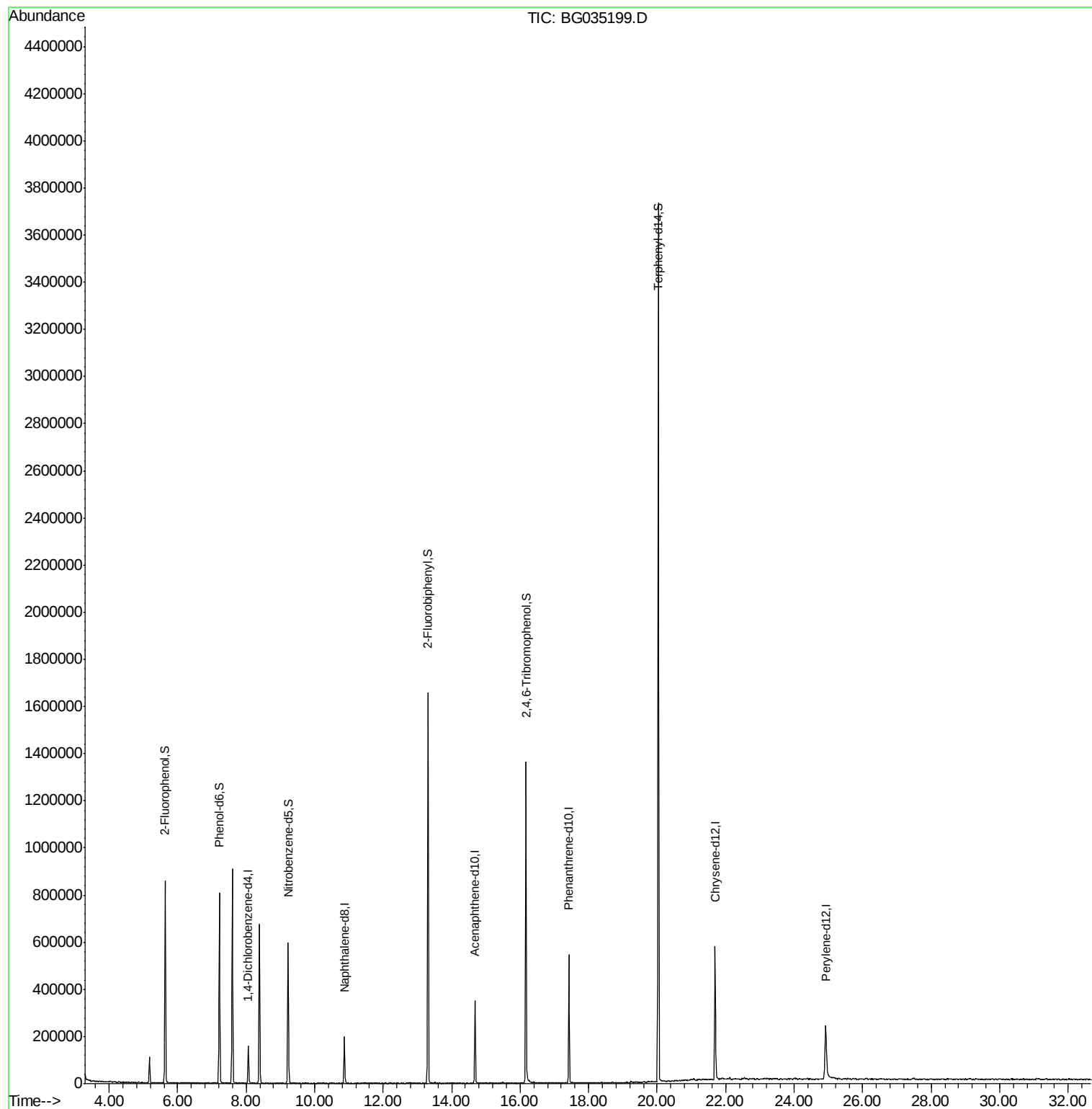
Target Compounds Qvalue

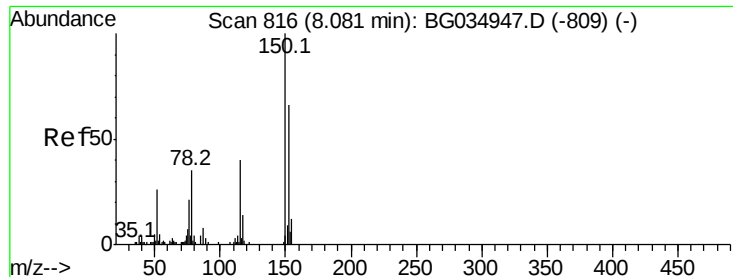
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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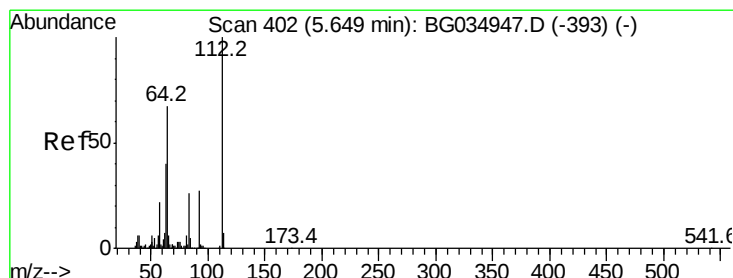
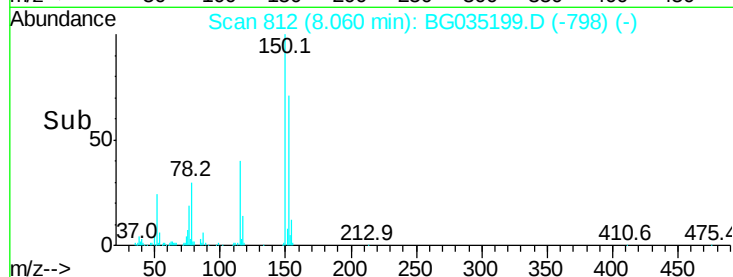
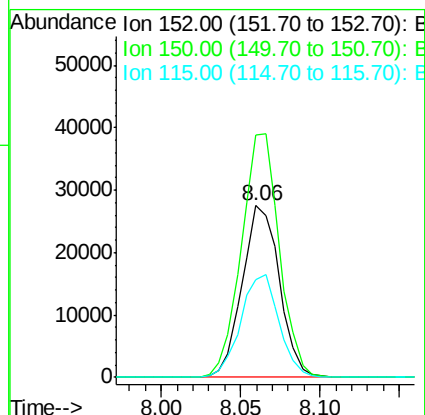
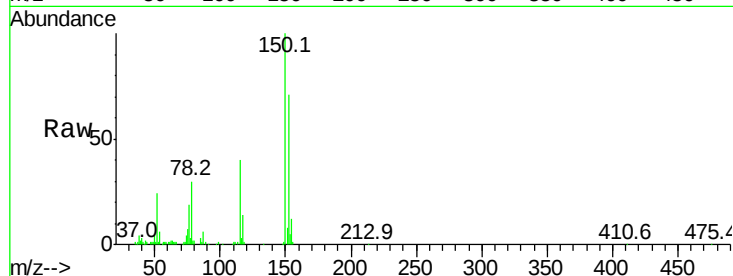


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035199.D
Acq: 16 Jun 2018 9:15

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

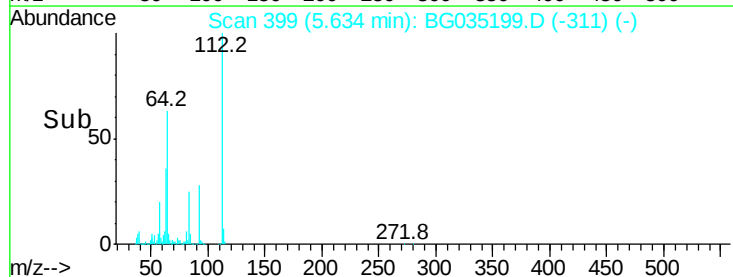
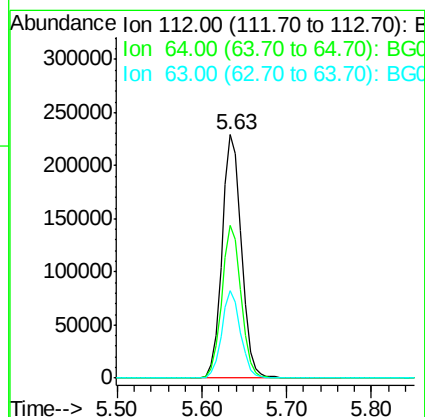
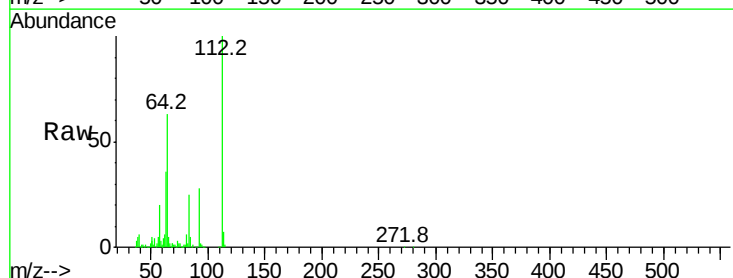
Tot Ion:152 Resp: 44929
Ion Ratio Lower Upper
152 100
150 140.9 126.6 189.8
115 57.1 53.0 79.4

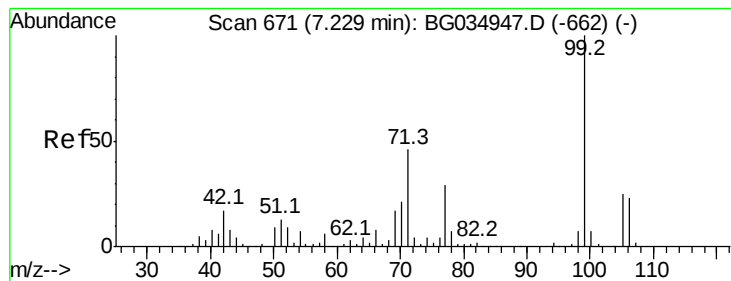


#5

2-Fluorophenol
Concen: 137.103 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035199.D
Acq: 16 Jun 2018 9:15

Tgt Ion:112 Resp: 365007
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 36.2 30.1 45.1





#7

Phenol-d6

Concen: 124.019 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035199.D

Acq: 16 Jun 2018 9:15

Instrument :

BNA_G

ClientSampleId :

HR-05-061318-C

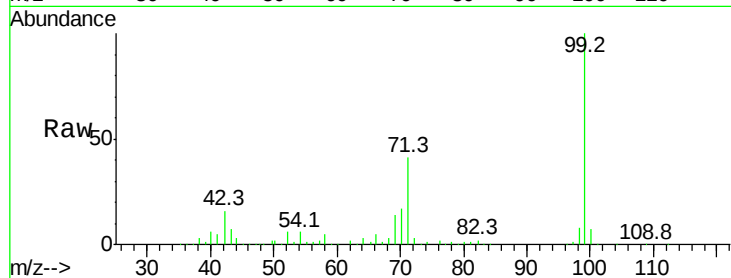
Tot Ion: 99 Resp: 487317

Ion Ratio Lower Upper

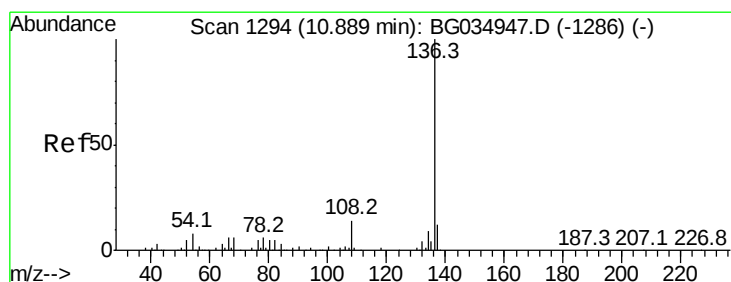
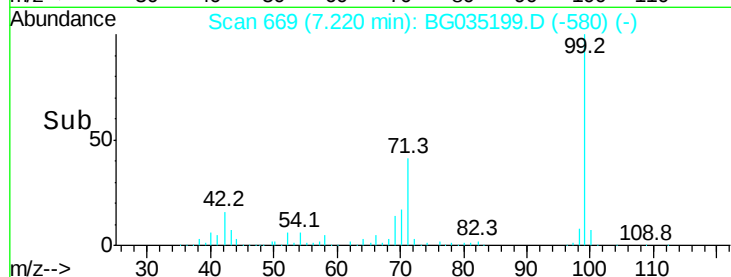
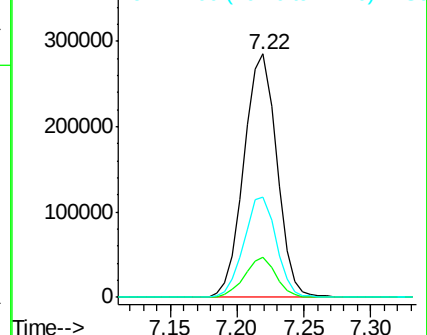
99 100

42 16.3 14.1 21.1

71 41.2 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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035199.D

Acq: 16 Jun 2018 9:15

Tgt Ion: 136 Resp: 163109

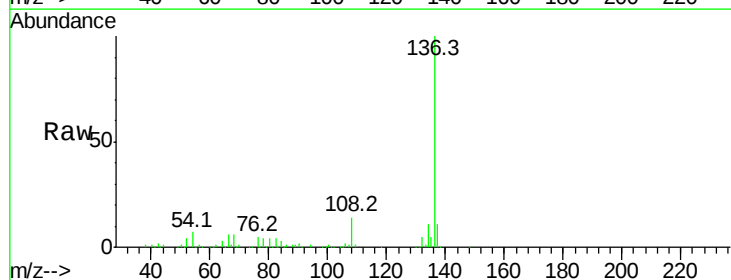
Ion Ratio Lower Upper

136 100

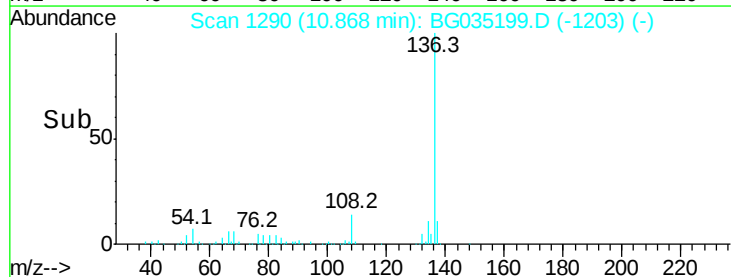
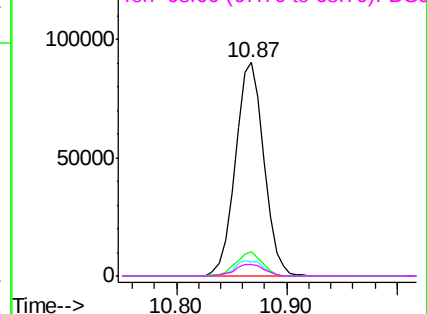
137 11.4 9.2 13.8

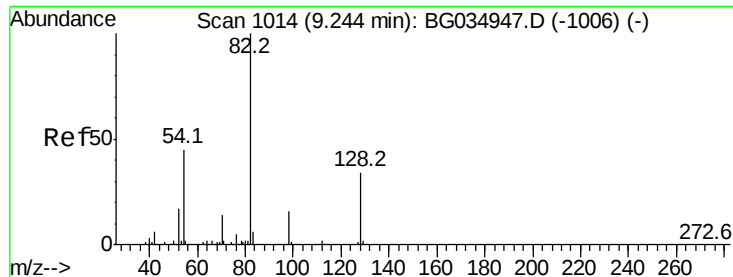
54 6.7 10.3 15.5#

68 5.5 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: 116.240 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035199.D

Acq: 16 Jun 2018 9:15

Instrument :

BNA_G

ClientSampleId :

HR-05-061318-C

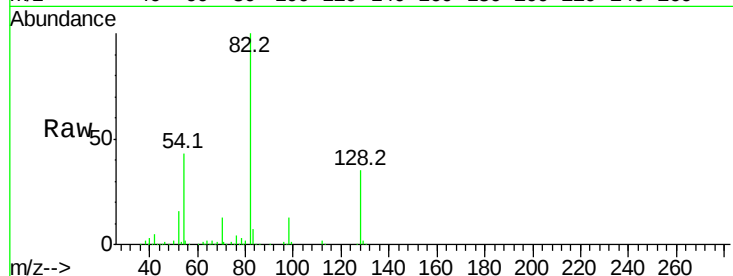
Tot Ion: 82 Resp: 398865

Ion Ratio Lower Upper

82 100

128 35.5 29.7 44.5

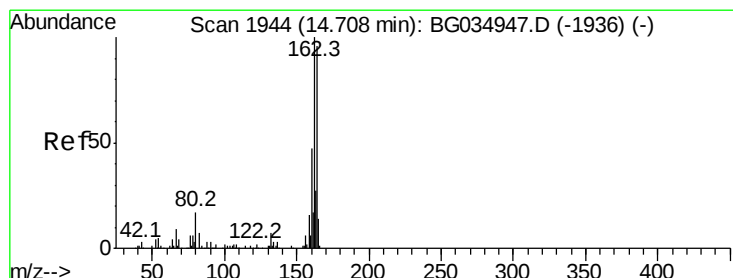
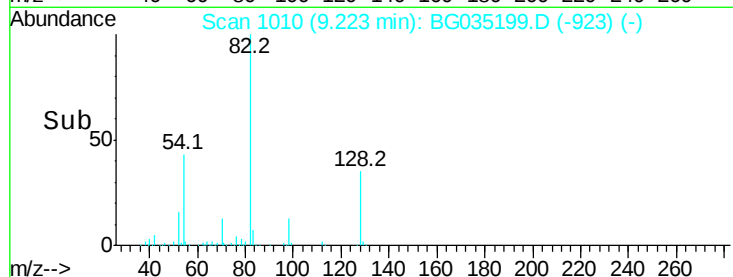
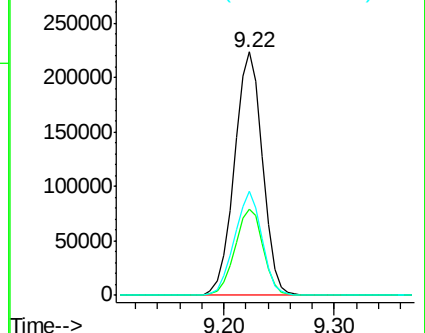
54 42.5 43.1 64.7#



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# 1939

Delta R.T. -0.02 min

Lab File: BG035199.D

Acq: 16 Jun 2018 9:15

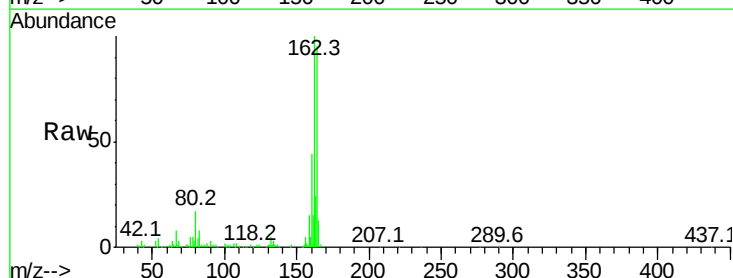
Tgt Ion:164 Resp: 120597

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

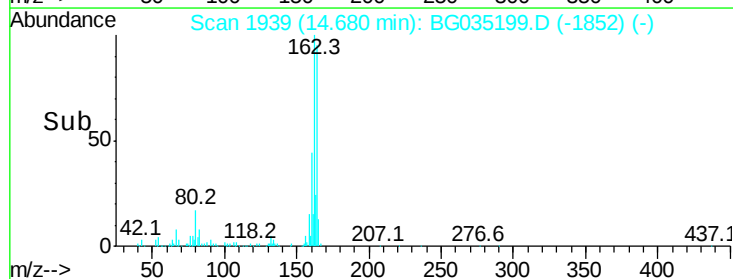
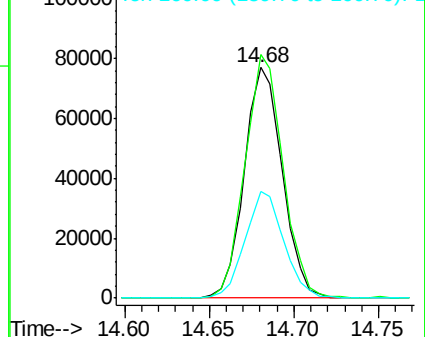
160 46.4 35.4 53.0

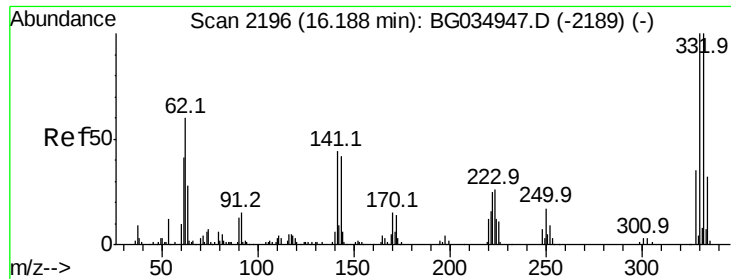


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

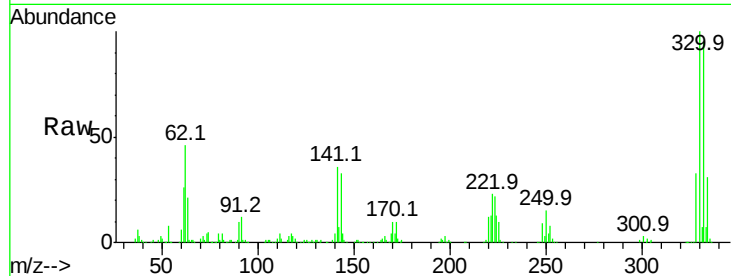




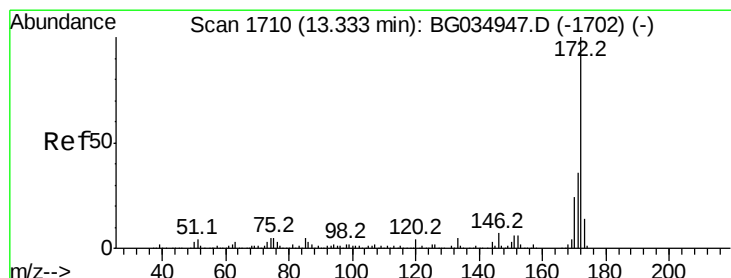
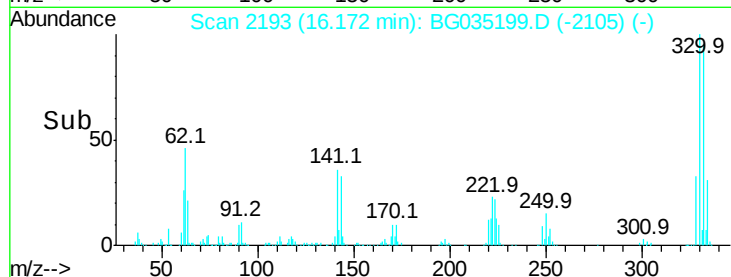
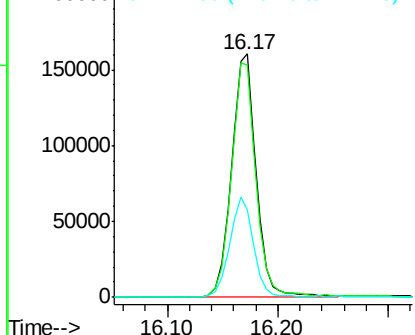
#41
 2,4,6-Tribromophenol
 Concen: 162.803 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035199.D
 Acq: 16 Jun 2018 9:15

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

Tot Ion:330 Resp: 251335
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 39.6 25.2 37.8#

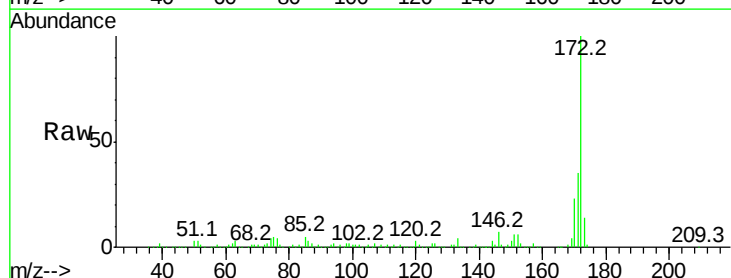


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

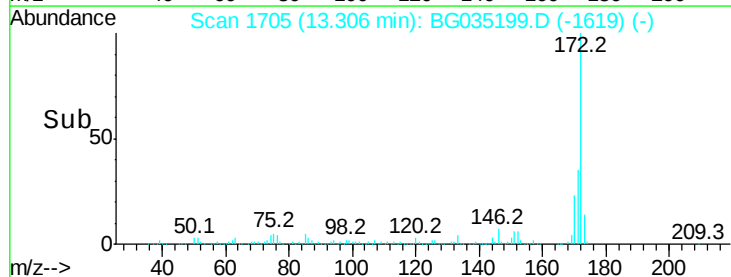
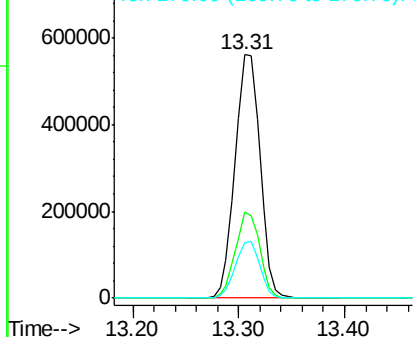


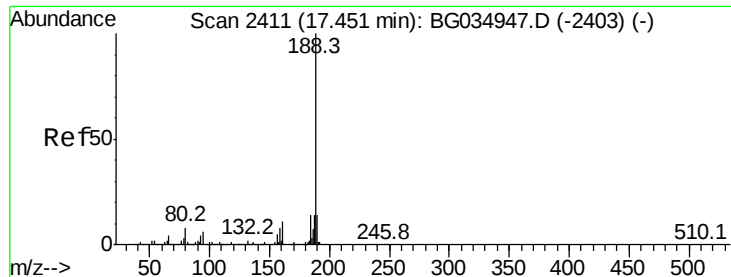
#44
 2-Fluorobiphenyl
 Concen: 99.031 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035199.D
 Acq: 16 Jun 2018 9:15

Tgt Ion:172 Resp: 918687
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 22.9 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# 2406

Delta R.T. -0.02 min

Lab File: BG035199.D

Acq: 16 Jun 2018 9:15

Instrument :

BNA_G

ClientSampleId :

HR-05-061318-C

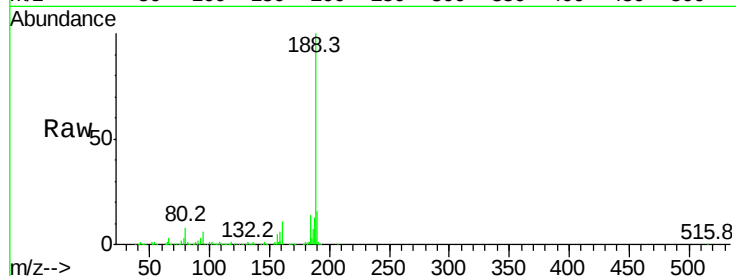
Tot Ion:188 Resp: 343622

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

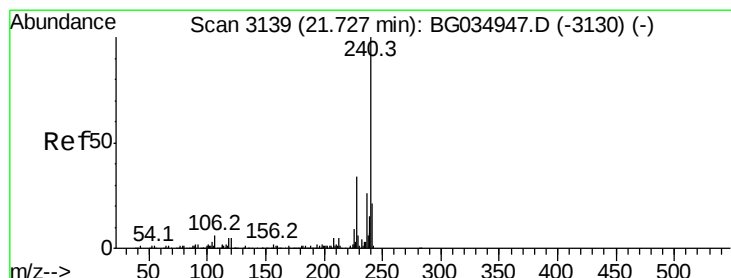
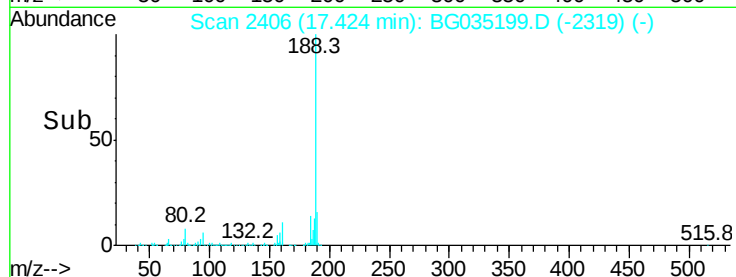
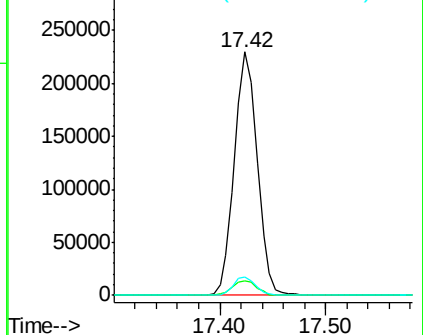
80 7.7 7.7 11.5#



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: BG035199.D

Acq: 16 Jun 2018 9:15

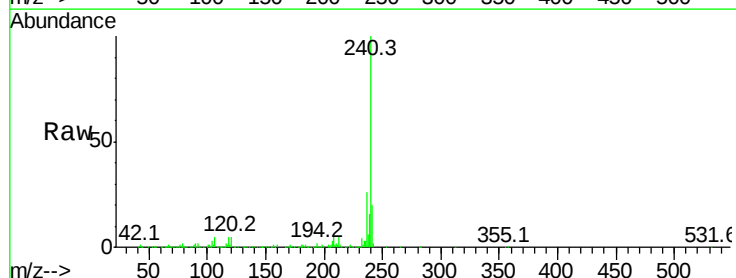
Tgt Ion:240 Resp: 373300

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

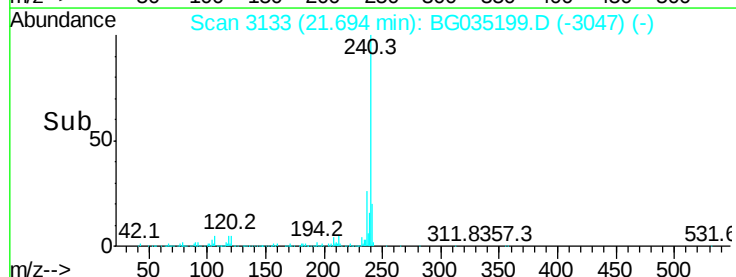
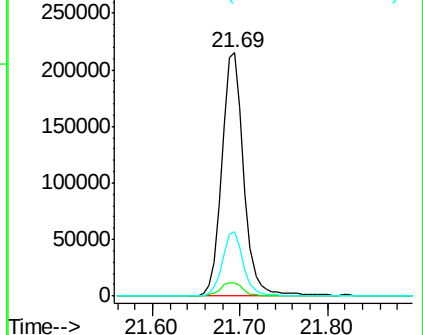
236 26.2 20.9 31.3

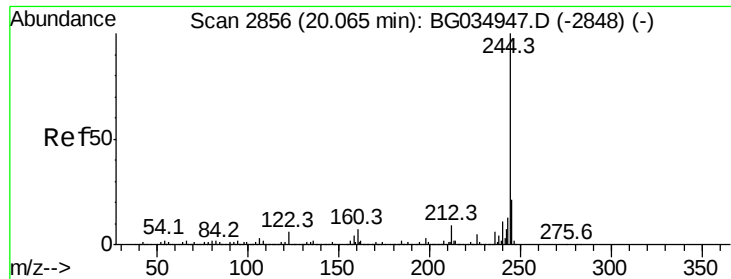


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

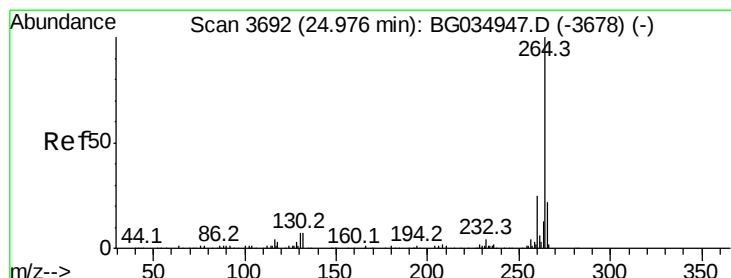
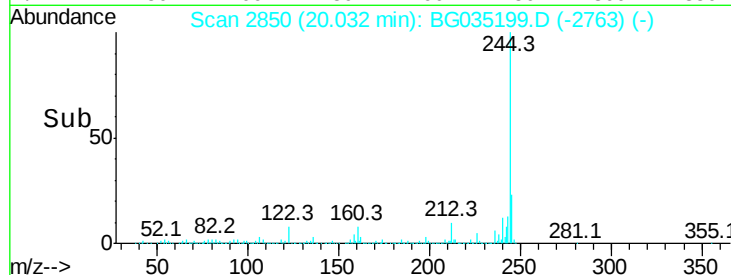
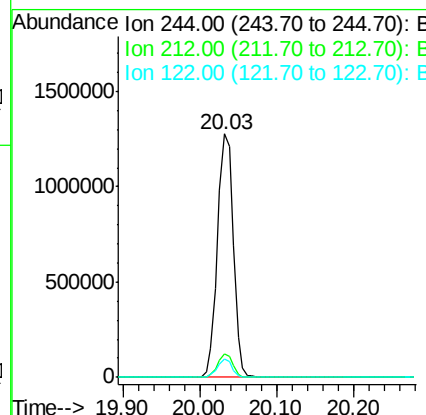
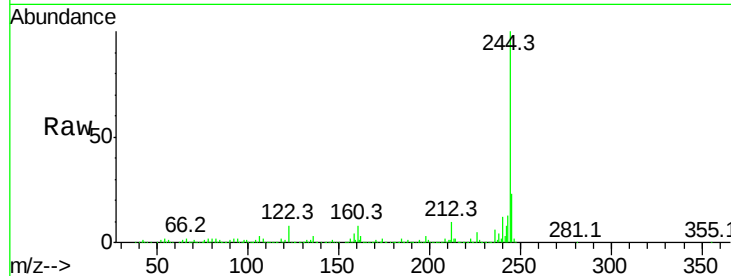




#78
 Terphenyl-d14
 Concen: 101.306 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BG035199.D
 Acq: 16 Jun 2018 9:15

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

Tot Ion:244 Resp: 1805415
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.8 8.8#
 122 7.7 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.03 min
 Lab File: BG035199.D
 Acq: 16 Jun 2018 9:15

Tgt Ion:264 Resp: 301768
 Ion Ratio Lower Upper
 264 100
 260 23.9 17.4 26.0
 265 20.6 17.7 26.5

