

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035163.D
 Acq On : 15 Jun 2018 8:06
 Operator : SJ/JU
 Sample : J3465-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A2-WC-1

Quant Time: Jun 15 11:02:37 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	46344	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	182803	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	134934	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	376240	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	407054	20.00	ng	-0.02
86) Perylene-d12	24.92	264	328128	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	374157	136.25	ng	0.00
7) Phenol-d6	7.22	99	510569	125.97	ng	0.00
23) Nitrobenzene-d5	9.23	82	405063	105.33	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	276378	160.00	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	950763	91.60	ng	-0.02
78) Terphenyl-d14	20.04	244	1840169	94.69	ng	-0.01

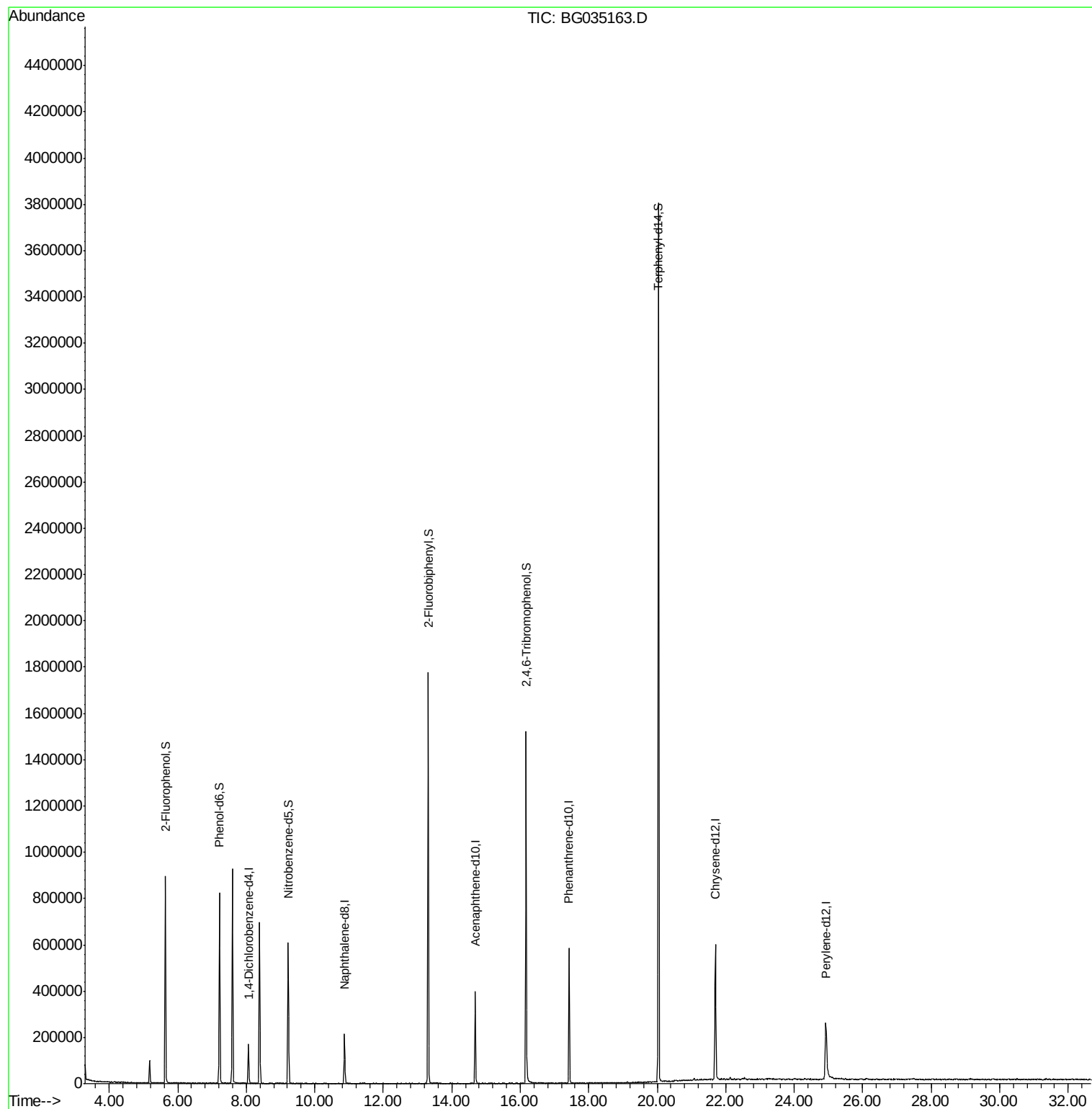
Target Compounds Qvalue

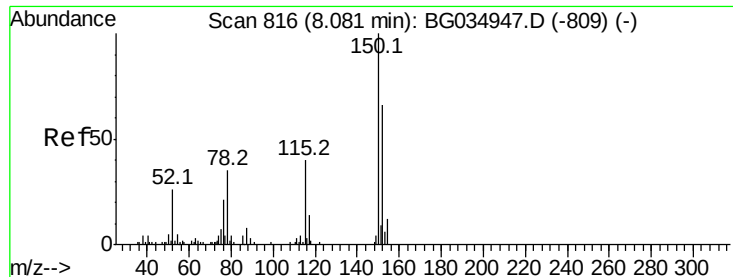
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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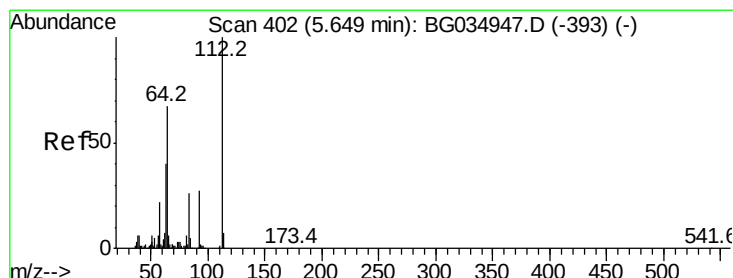
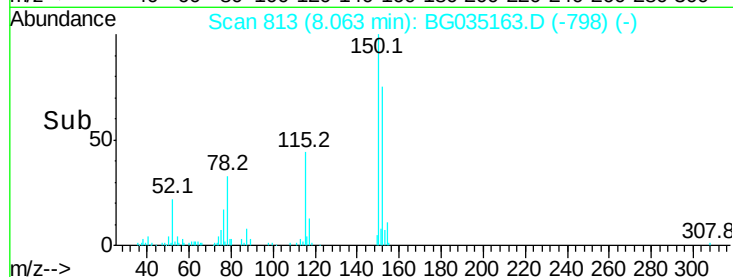
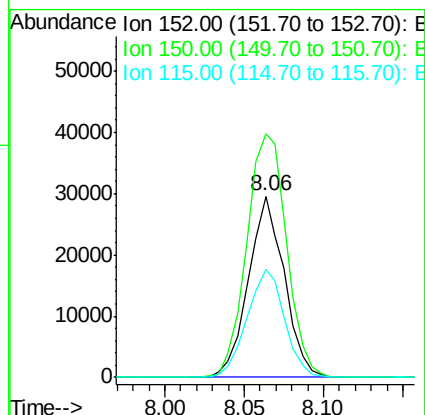
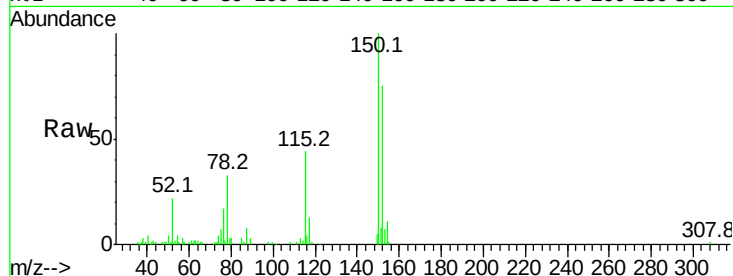


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035163.D
Acq: 15 Jun 2018 8:06

Instrument :
BNA_G
ClientSampleId :
TP-A2-WC-1

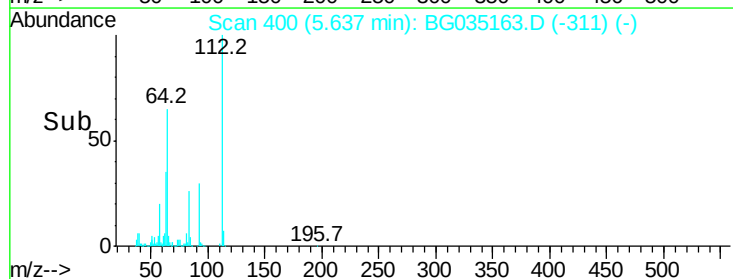
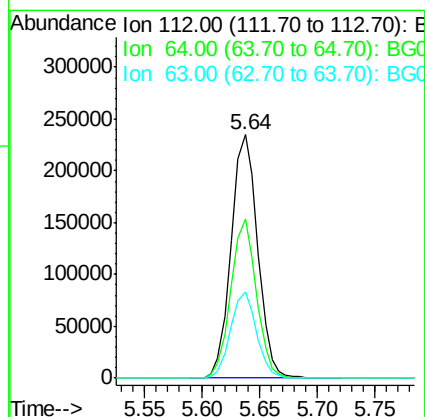
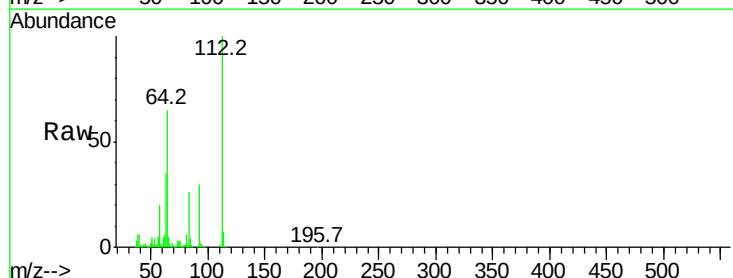
Tot Ion:152 Resp: 46344
Ion Ratio Lower Upper
152 100
150 134.1 126.6 189.8
115 59.5 53.0 79.4

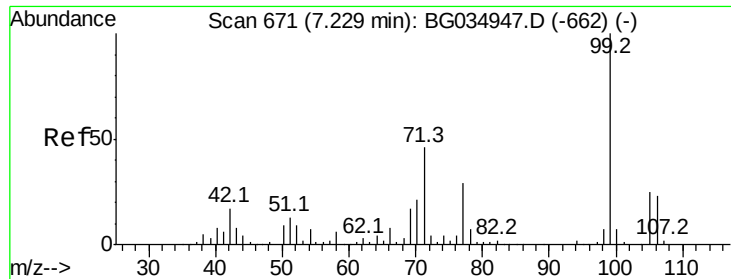


#5

2-Fluorophenol
Concen: 136.249 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035163.D
Acq: 15 Jun 2018 8:06

Tgt Ion:112 Resp: 374157
Ion Ratio Lower Upper
112 100
64 65.2 56.3 84.5
63 35.4 30.1 45.1





#7

Phenol-d6

Concen: 125.969 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035163.D

Acq: 15 Jun 2018 8:06

Instrument :

BNA_G

ClientSampleId :

TP-A2-WC-1

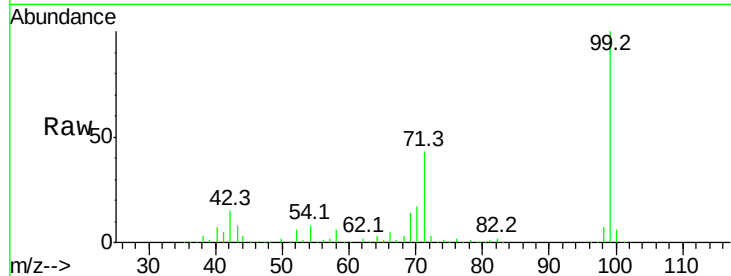
Tot Ion: 99 Resp: 510569

Ion Ratio Lower Upper

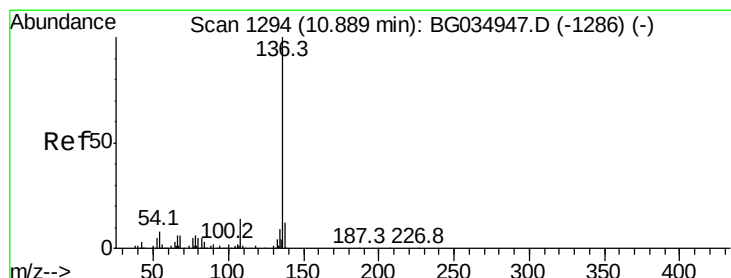
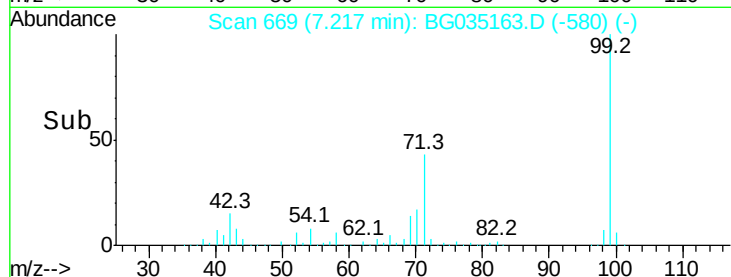
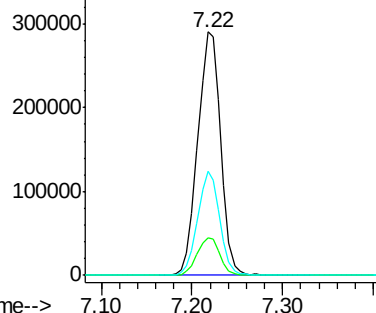
99 100

42 15.3 14.1 21.1

71 42.7 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: BG035163.D

Acq: 15 Jun 2018 8:06

Tgt Ion: 136 Resp: 182803

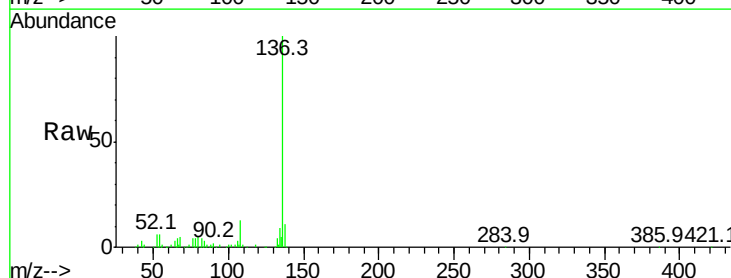
Ion Ratio Lower Upper

136 100

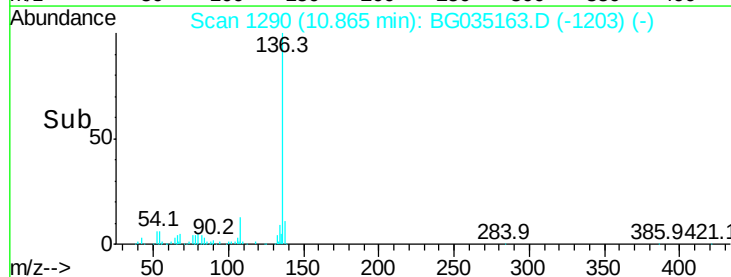
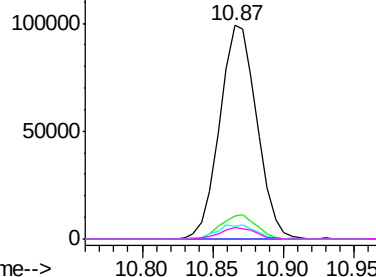
137 11.0 9.2 13.8

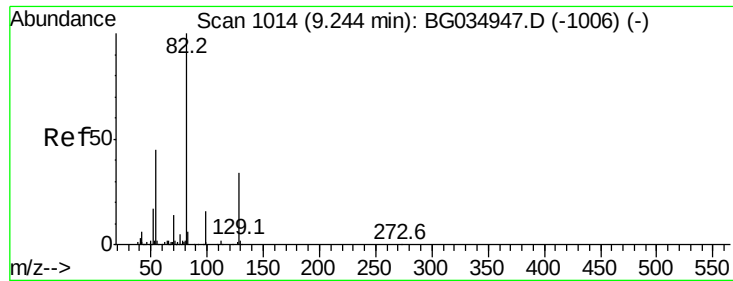
54 6.2 10.3 15.5#

68 5.4 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: 105.329 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035163.D

Acq: 15 Jun 2018 8:06

Instrument :

BNA_G

ClientSampleId :

TP-A2-WC-1

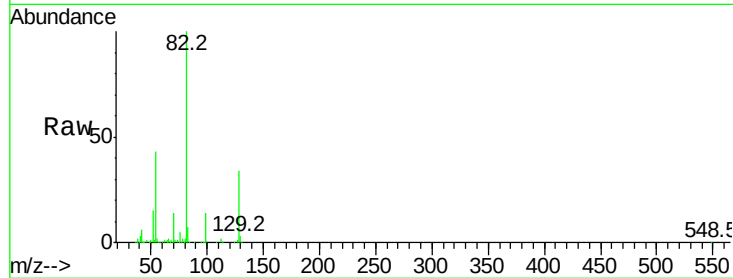
Tot Ion: 82 Resp: 405063

Ion Ratio Lower Upper

82 100

128 34.5 29.7 44.5

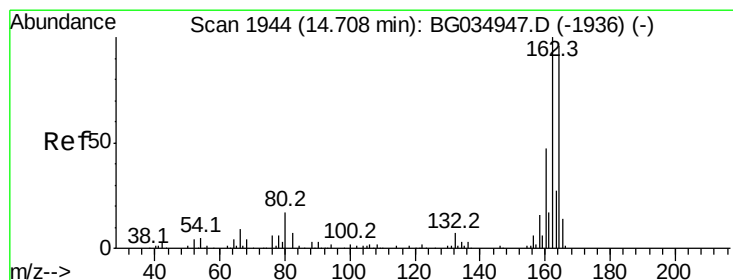
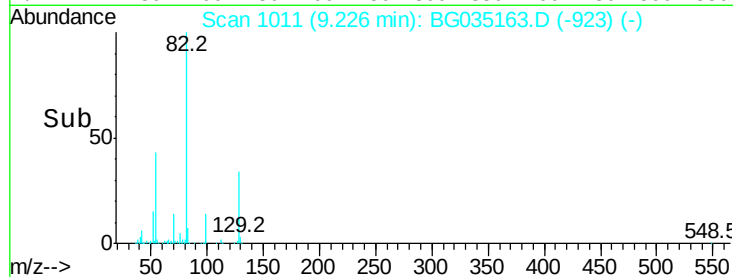
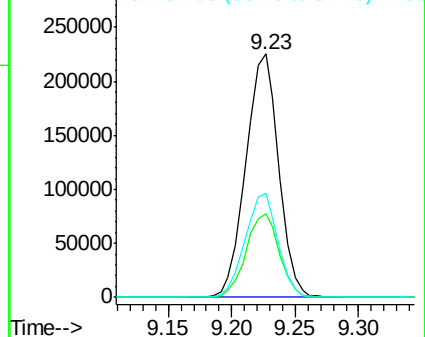
54 42.6 43.1 64.7#



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: BG035163.D

Acq: 15 Jun 2018 8:06

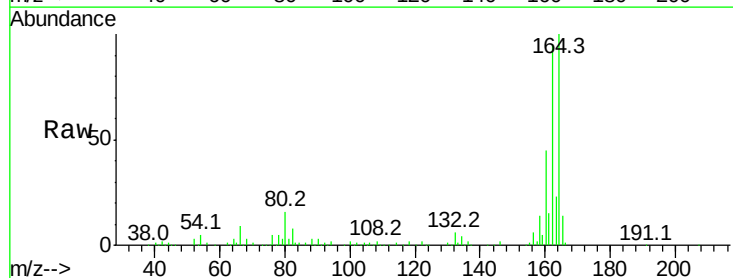
Tgt Ion:164 Resp: 134934

Ion Ratio Lower Upper

164 100

162 95.5 78.8 118.2

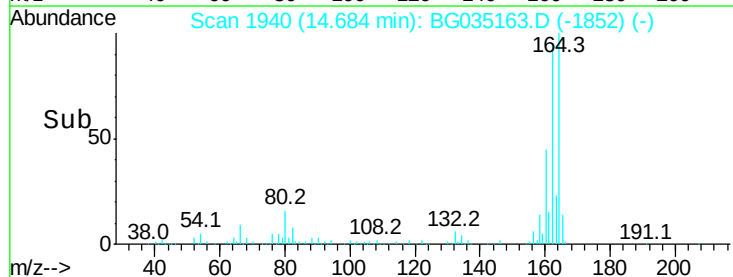
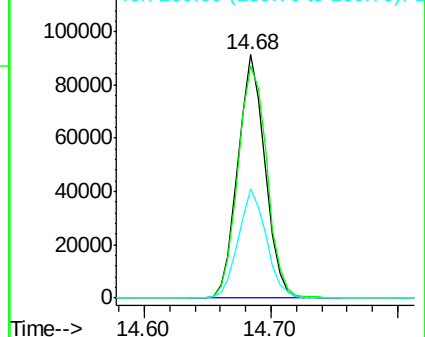
160 44.8 35.4 53.0

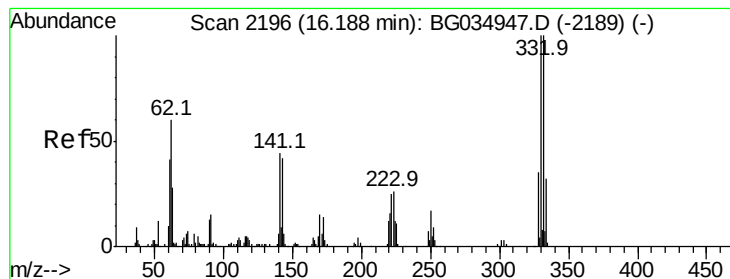


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 160.003 ng

RT: 16.17 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG035163.D

Acq: 15 Jun 2018 8:06

Instrument :

BNA_G

ClientSampleId :

TP-A2-WC-1

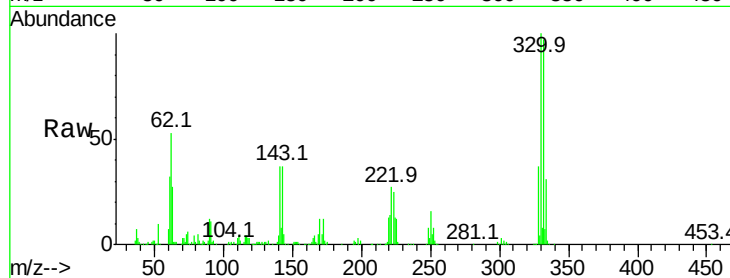
Tot Ion:330 Resp: 276378

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

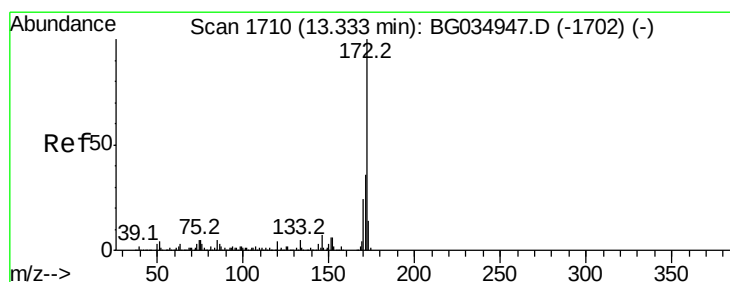
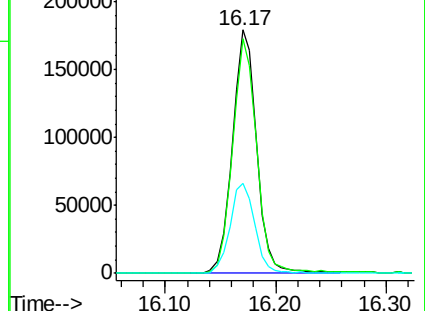
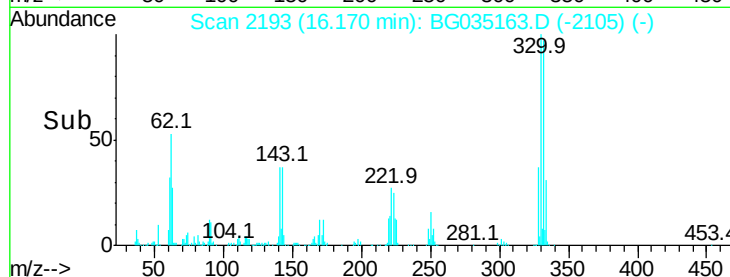
141 37.7 25.2 37.8



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: 91.599 ng

RT: 13.31 min Scan# 1706

Delta R.T. -0.02 min

Lab File: BG035163.D

Acq: 15 Jun 2018 8:06

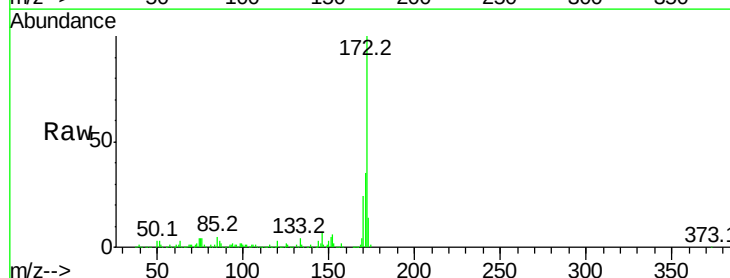
Tgt Ion:172 Resp: 950763

Ion Ratio Lower Upper

172 100

171 34.7 30.0 45.0

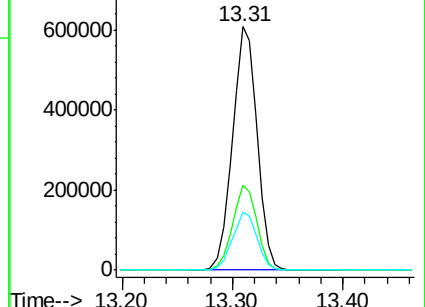
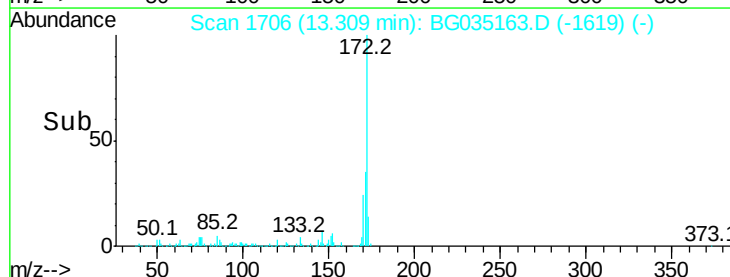
170 23.6 19.5 29.3

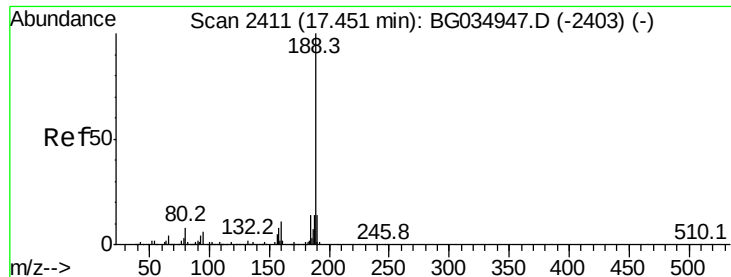


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035163.D

Acq: 15 Jun 2018 8:06

Instrument :

BNA_G

ClientSampleId :

TP-A2-WC-1

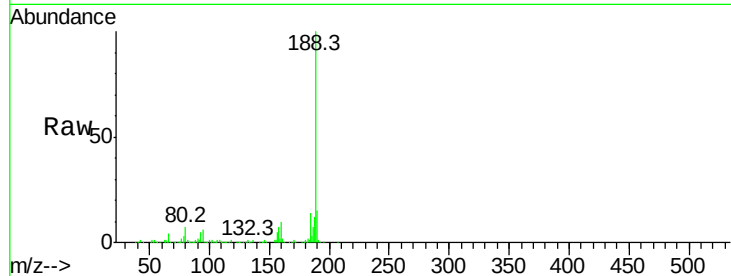
Tot Ion:188 Resp: 376240

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

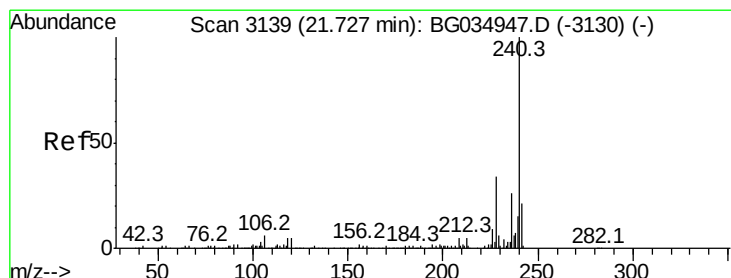
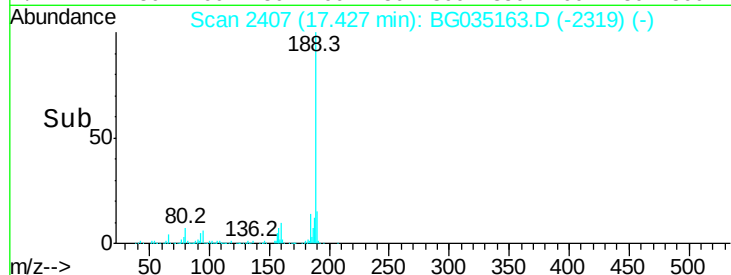
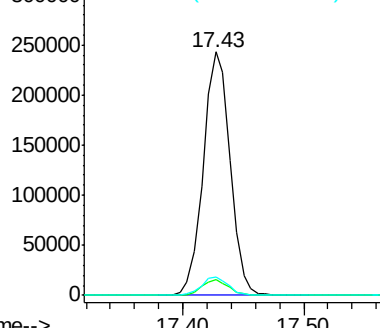
80 7.4 7.7 11.5#



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: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035163.D

Acq: 15 Jun 2018 8:06

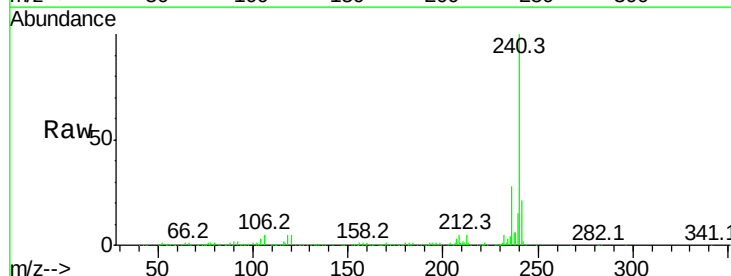
Tgt Ion:240 Resp: 407054

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

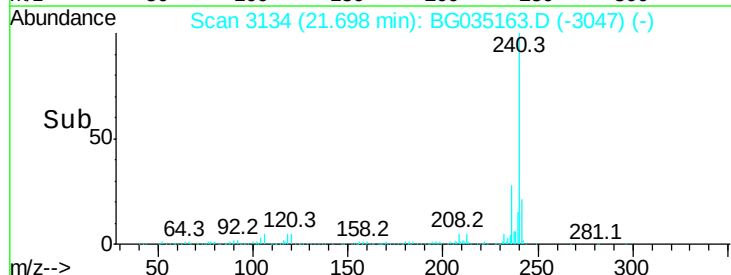
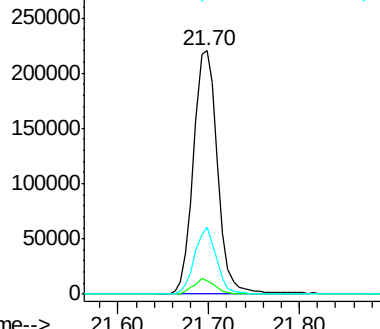
236 27.5 20.9 31.3

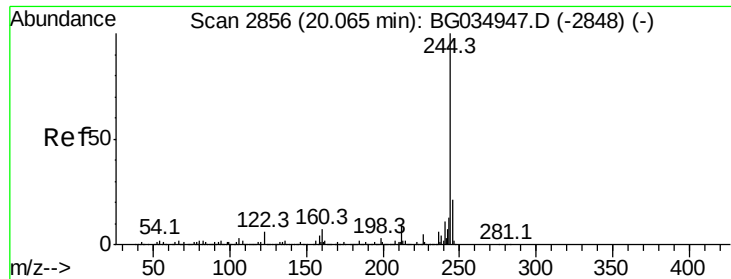


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.694 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035163.D

Acq: 15 Jun 2018 8:06

Instrument :

BNA_G

ClientSampleId :

TP-A2-WC-1

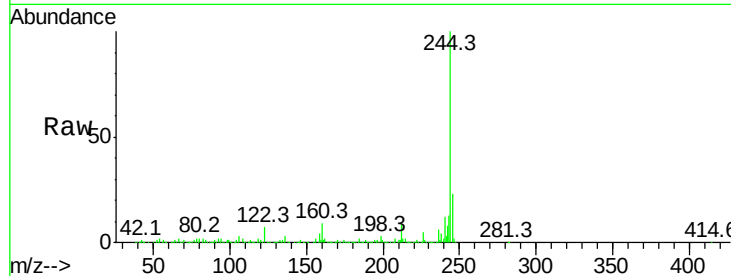
Tot Ion:244 Resp: 1840169

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

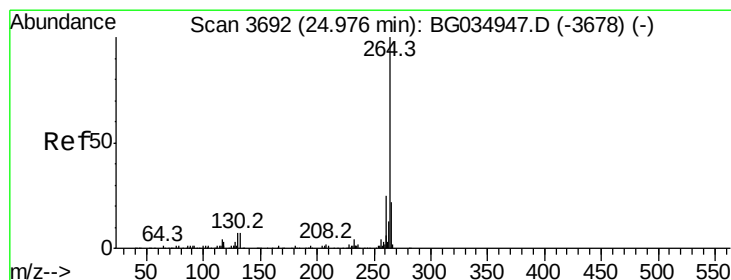
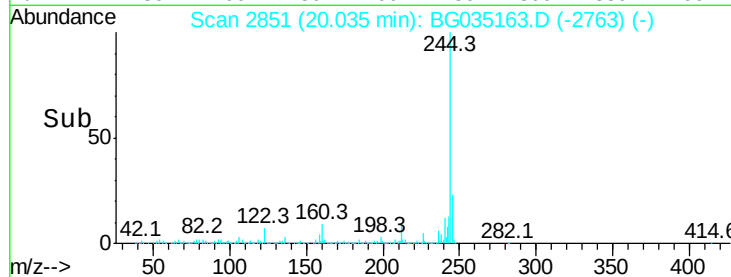
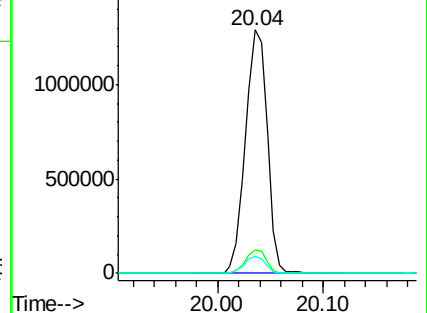
122 7.2 7.0 10.4



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: BG035163.D

Acq: 15 Jun 2018 8:06

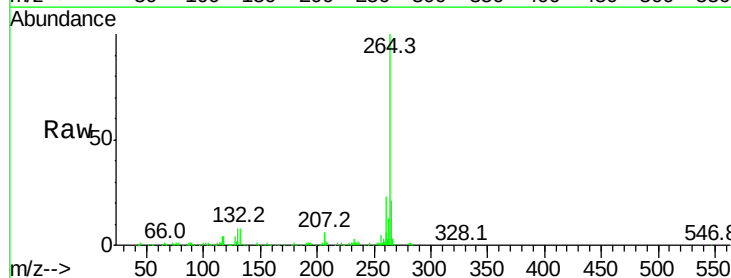
Tgt Ion:264 Resp: 328128

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.7 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

