

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035139.D
 Acq On : 14 Jun 2018 15:57
 Operator : SJ/JU
 Sample : J3467-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-061118

Quant Time: Jun 14 16:58:13 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	44923	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	175665	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	130900	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	361898	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	393229	20.00	ng	-0.02
86) Perylene-d12	24.93	264	368055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	167939	63.09	ng	0.00
7) Phenol-d6	7.22	99	162534	41.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	403020	109.06	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	297729	177.68	ng	-0.01
44) 2-Fluorobiphenyl	13.32	172	958508	95.19	ng	-0.01
78) Terphenyl-d14	20.04	244	1792805	95.50	ng	-0.01

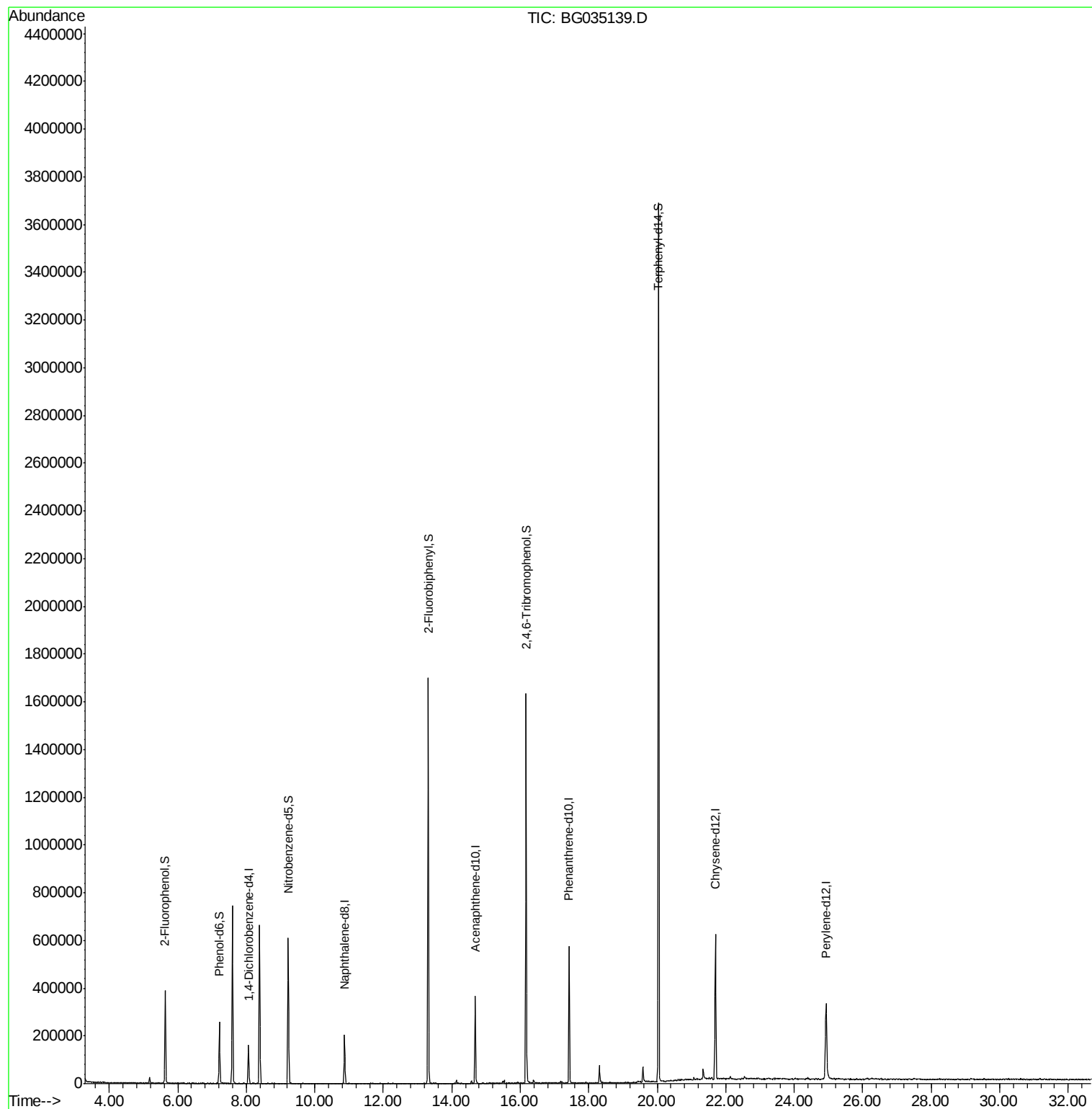
Target Compounds Qvalue

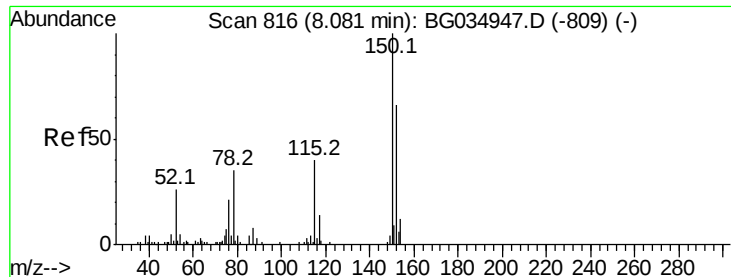
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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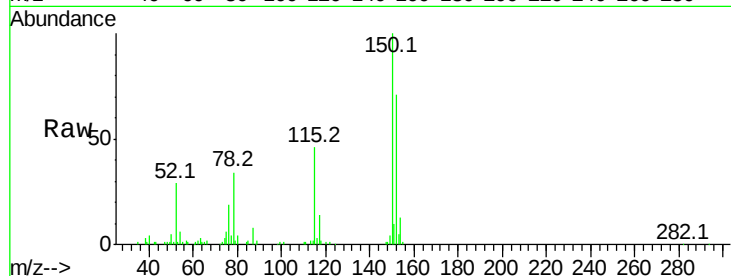


#1

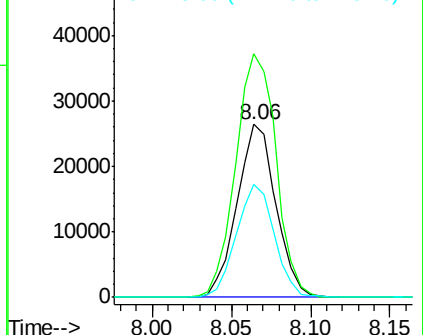
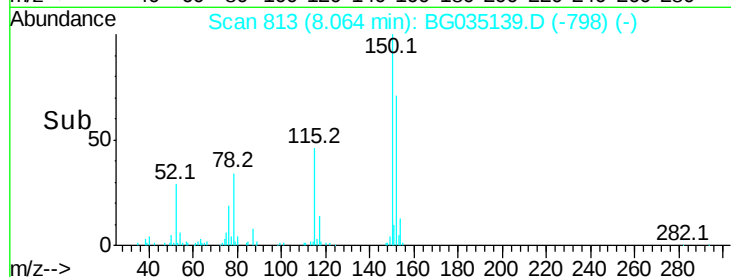
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035139.D
Acq: 14 Jun 2018 15:57

Instrument :
BNA_G
ClientSampleId :
C-MW-05-061118

Tot Ion:152 Resp: 44923
Ion Ratio Lower Upper
152 100
150 141.0 126.6 189.8
115 65.3 53.0 79.4



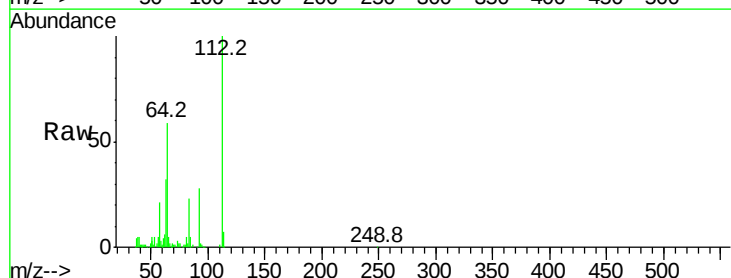
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



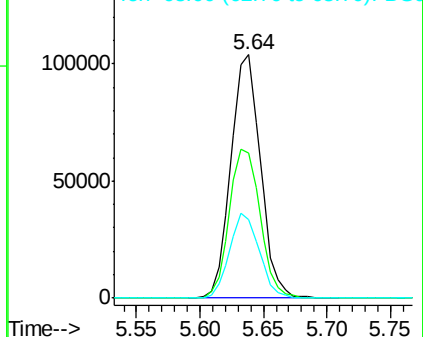
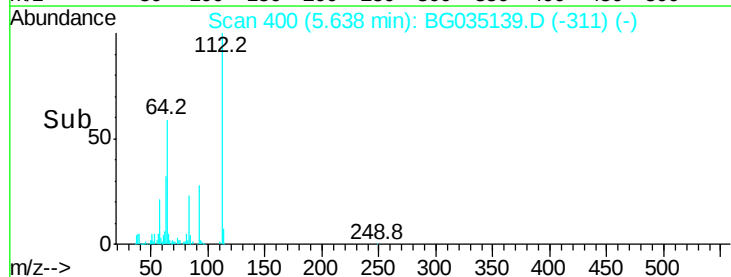
#5

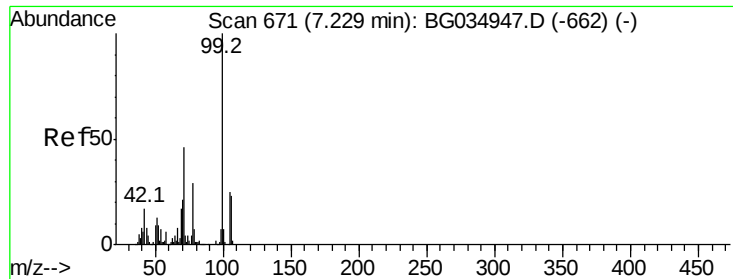
2-Fluorophenol
Concen: 63.089 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035139.D
Acq: 14 Jun 2018 15:57

Tgt Ion:112 Resp: 167939
Ion Ratio Lower Upper
112 100
64 59.4 56.3 84.5
63 32.4 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: 41.369 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035139.D

Acq: 14 Jun 2018 15:57

Instrument :

BNA_G

ClientSampleId :

C-MW-05-061118

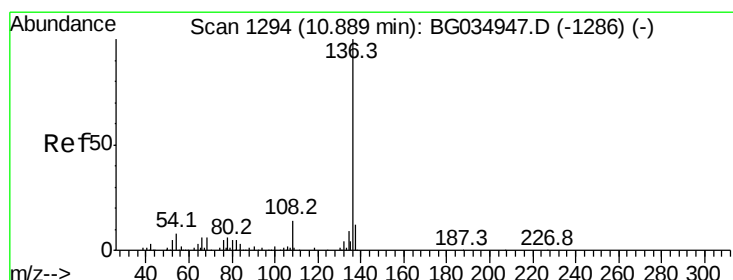
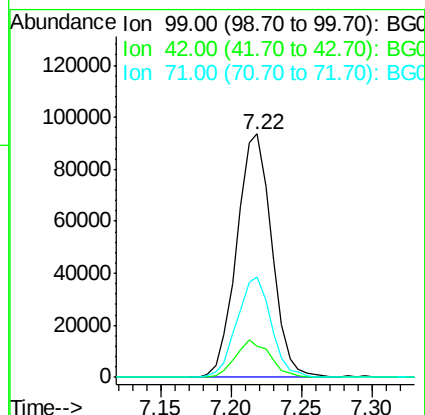
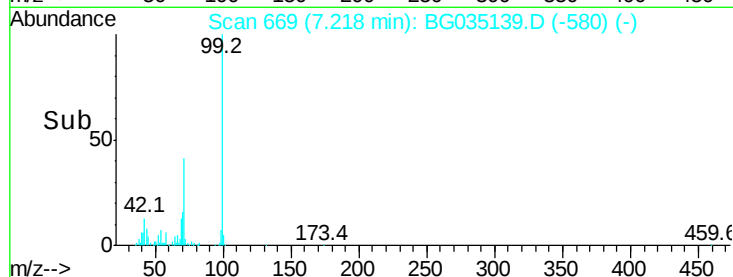
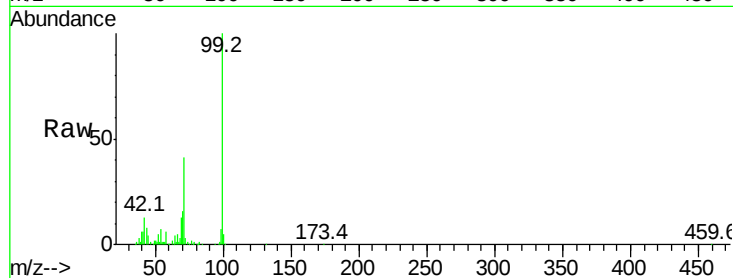
Tot Ion: 99 Resp: 162534

Ion Ratio Lower Upper

99 100

42 12.9 14.1 21.1#

71 41.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG035139.D

Acq: 14 Jun 2018 15:57

Tgt Ion: 136 Resp: 175665

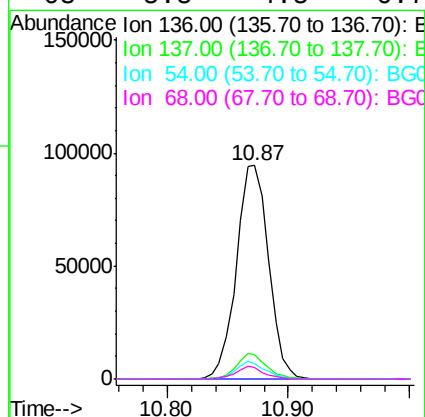
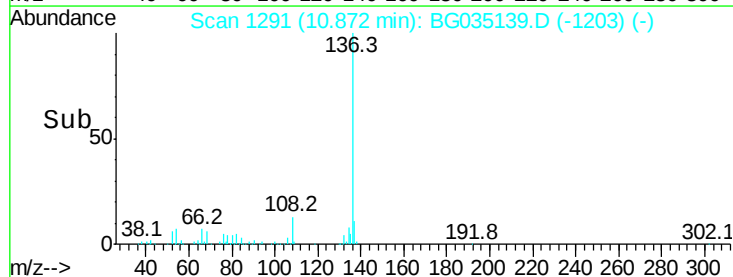
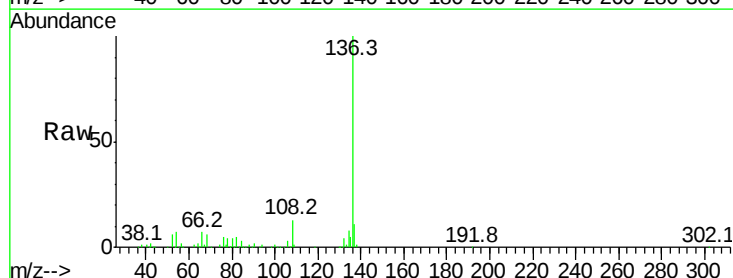
Ion Ratio Lower Upper

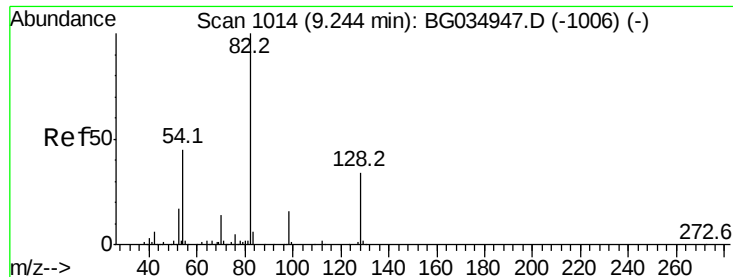
136 100

137 11.4 9.2 13.8

54 7.1 10.3 15.5#

68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 109.056 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035139.D

Acq: 14 Jun 2018 15:57

Instrument :

BNA_G

ClientSampleId :

C-MW-05-061118

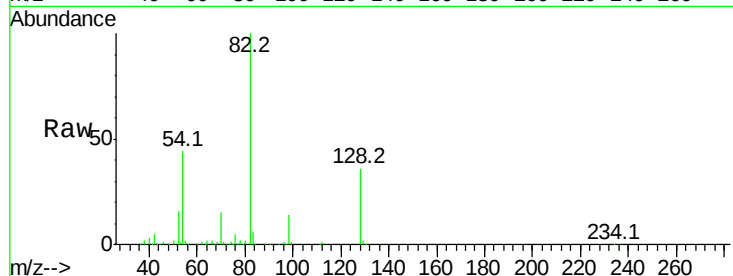
Tot Ion: 82 Resp: 403020

Ion Ratio Lower Upper

82 100

128 35.6 29.7 44.5

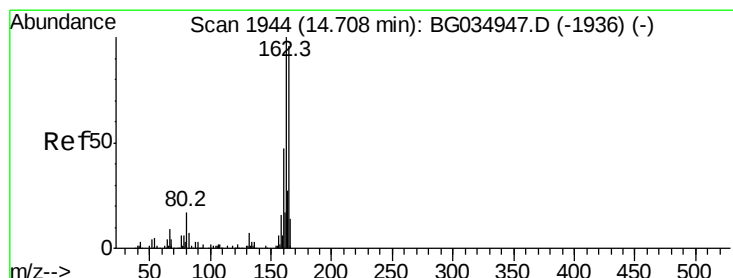
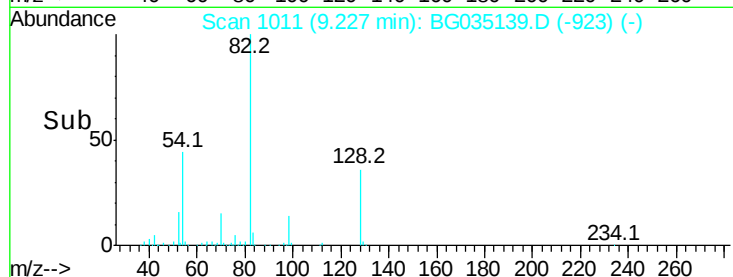
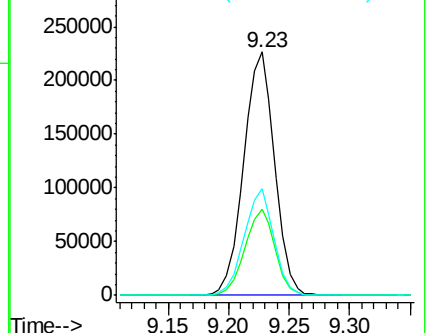
54 44.0 43.1 64.7



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: BG035139.D

Acq: 14 Jun 2018 15:57

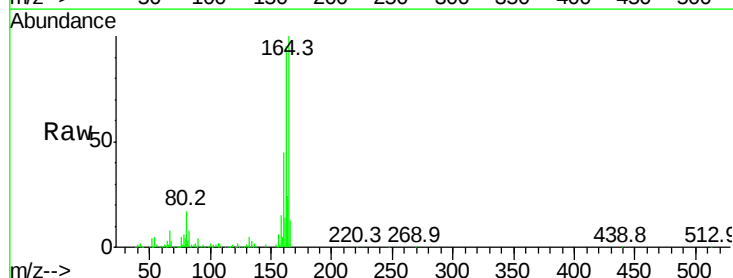
Tgt Ion:164 Resp: 130900

Ion Ratio Lower Upper

164 100

162 95.3 78.8 118.2

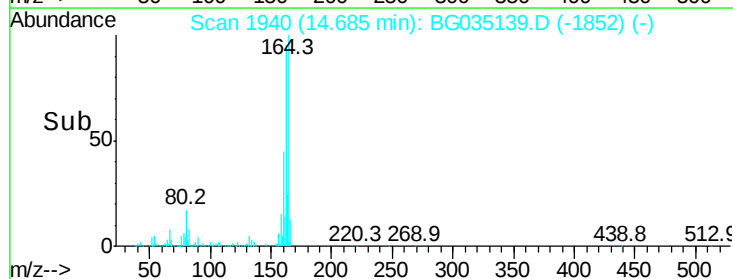
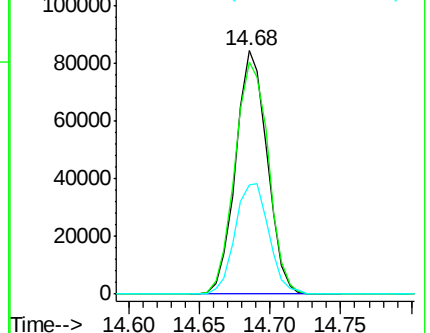
160 45.0 35.4 53.0

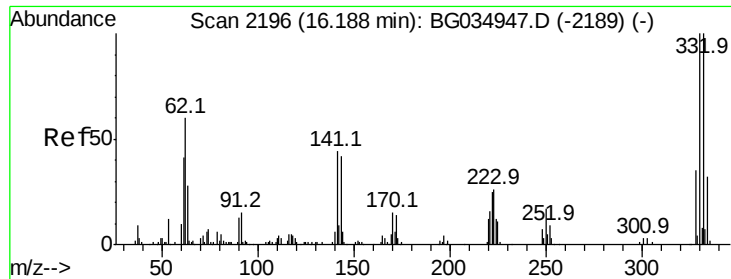


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

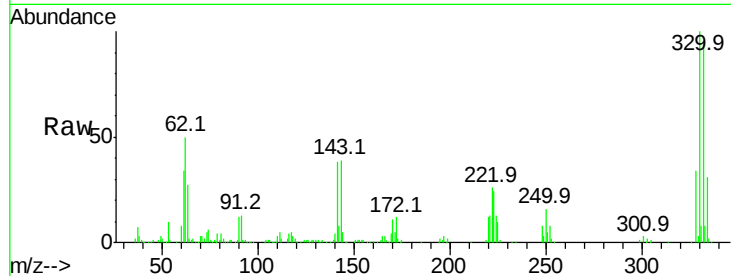




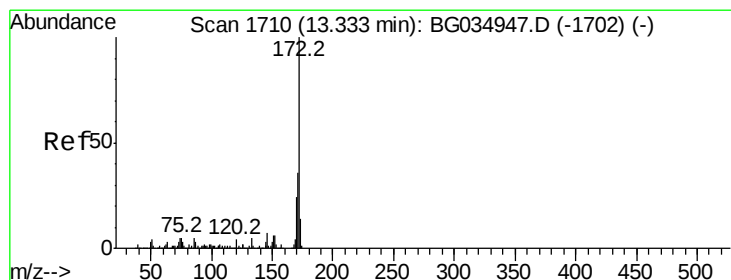
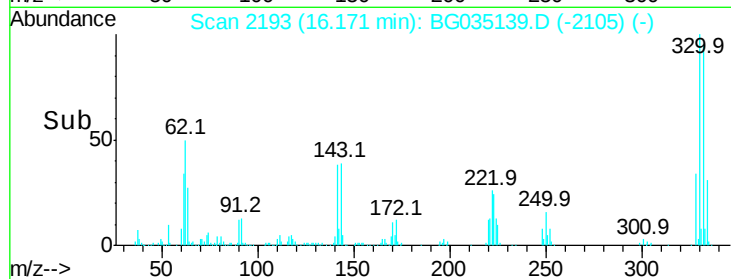
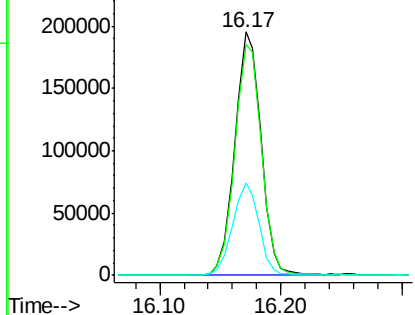
#41
 2,4,6-Tribromophenol
 Concen: 177.676 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035139.D
 Acq: 14 Jun 2018 15:57

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-05-061118

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	38.0	25.2	37.8#

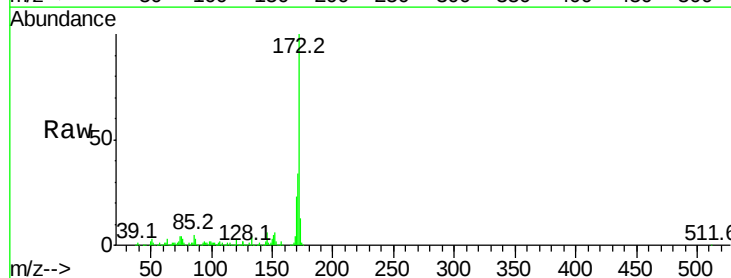


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

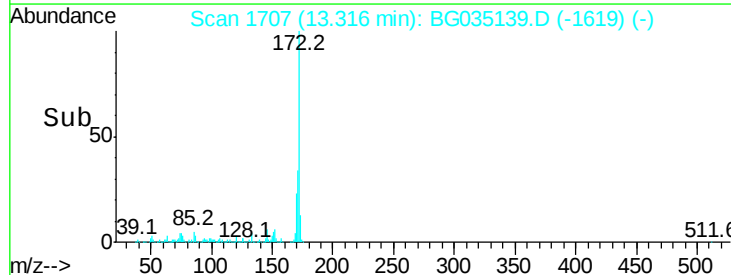
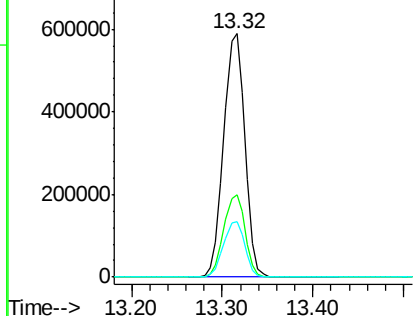


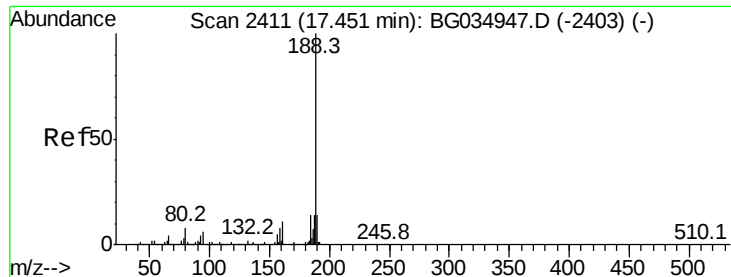
#44
 2-Fluorobiphenyl
 Concen: 95.192 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG035139.D
 Acq: 14 Jun 2018 15:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	22.8	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: BG035139.D

Acq: 14 Jun 2018 15:57

Instrument :

BNA_G

ClientSampleId :

C-MW-05-061118

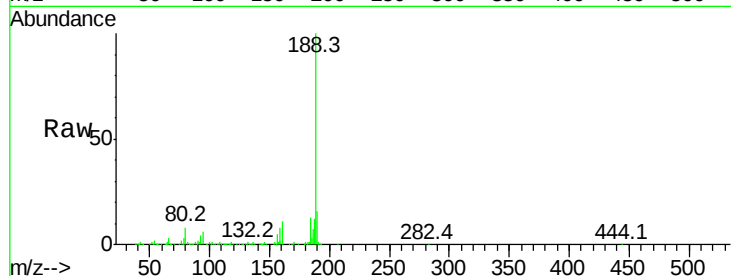
Tot Ion:188 Resp: 361898

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

80 7.6 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

300000

250000

200000

150000

100000

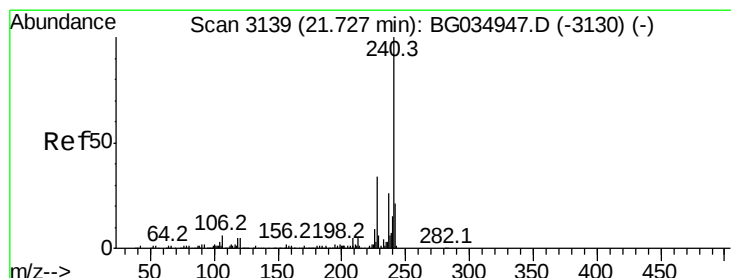
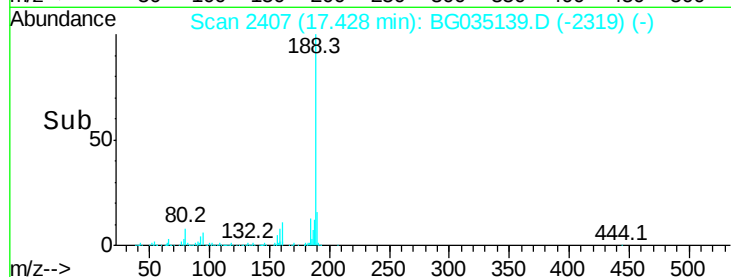
50000

0

17.43

17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035139.D

Acq: 14 Jun 2018 15:57

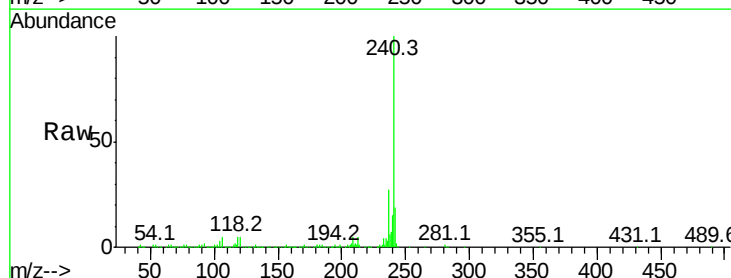
Tgt Ion:240 Resp: 393229

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

236 27.0 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

300000

250000

200000

150000

100000

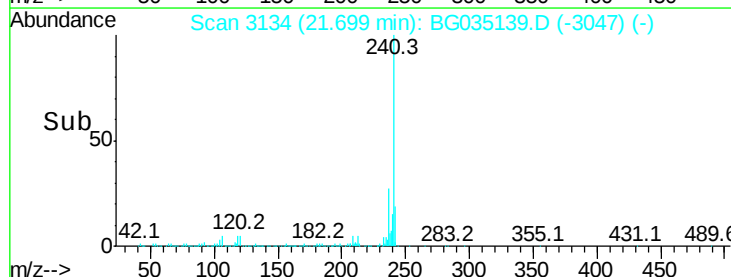
50000

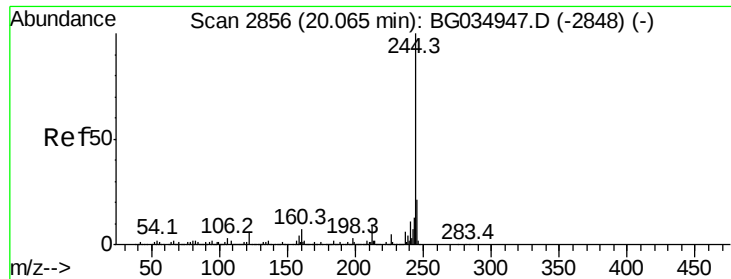
0

21.70

21.60 21.80

Time-->





#78

Terphenyl-d14

Concen: 95.500 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035139.D

Acq: 14 Jun 2018 15:57

Instrument :

BNA_G

ClientSampleId :

C-MW-05-061118

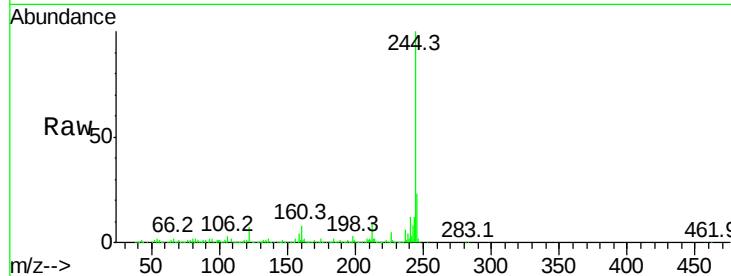
Tot Ion:244 Resp: 1792805

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

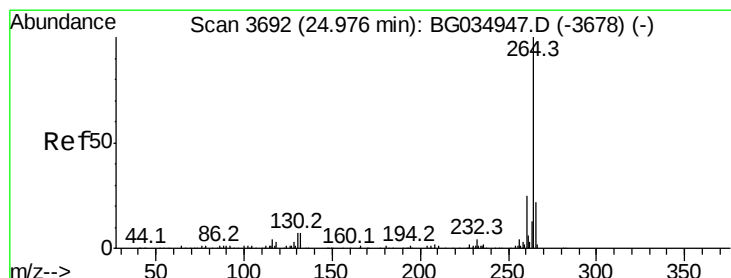
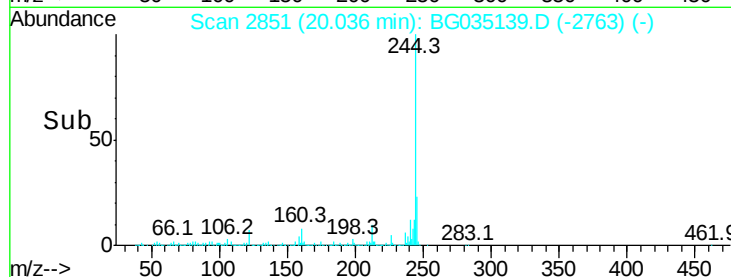
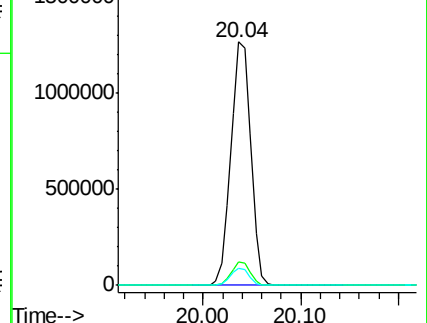
122 7.1 7.0 10.4



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: 24.93 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG035139.D

Acq: 14 Jun 2018 15:57

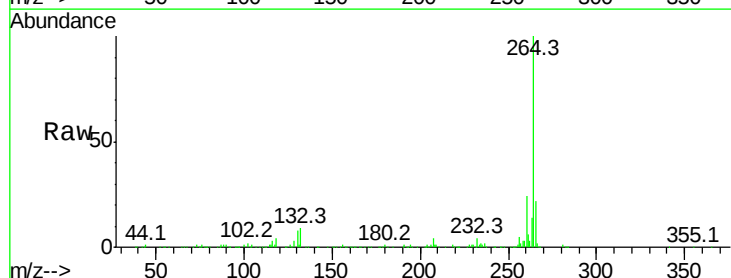
Tgt Ion:264 Resp: 368055

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.9 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

