

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033659.D
 Acq On : 7 Apr 2018 10:32
 Operator : SJ/JU
 Sample : J2225-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-D-M

Quant Time: Apr 09 02:30:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

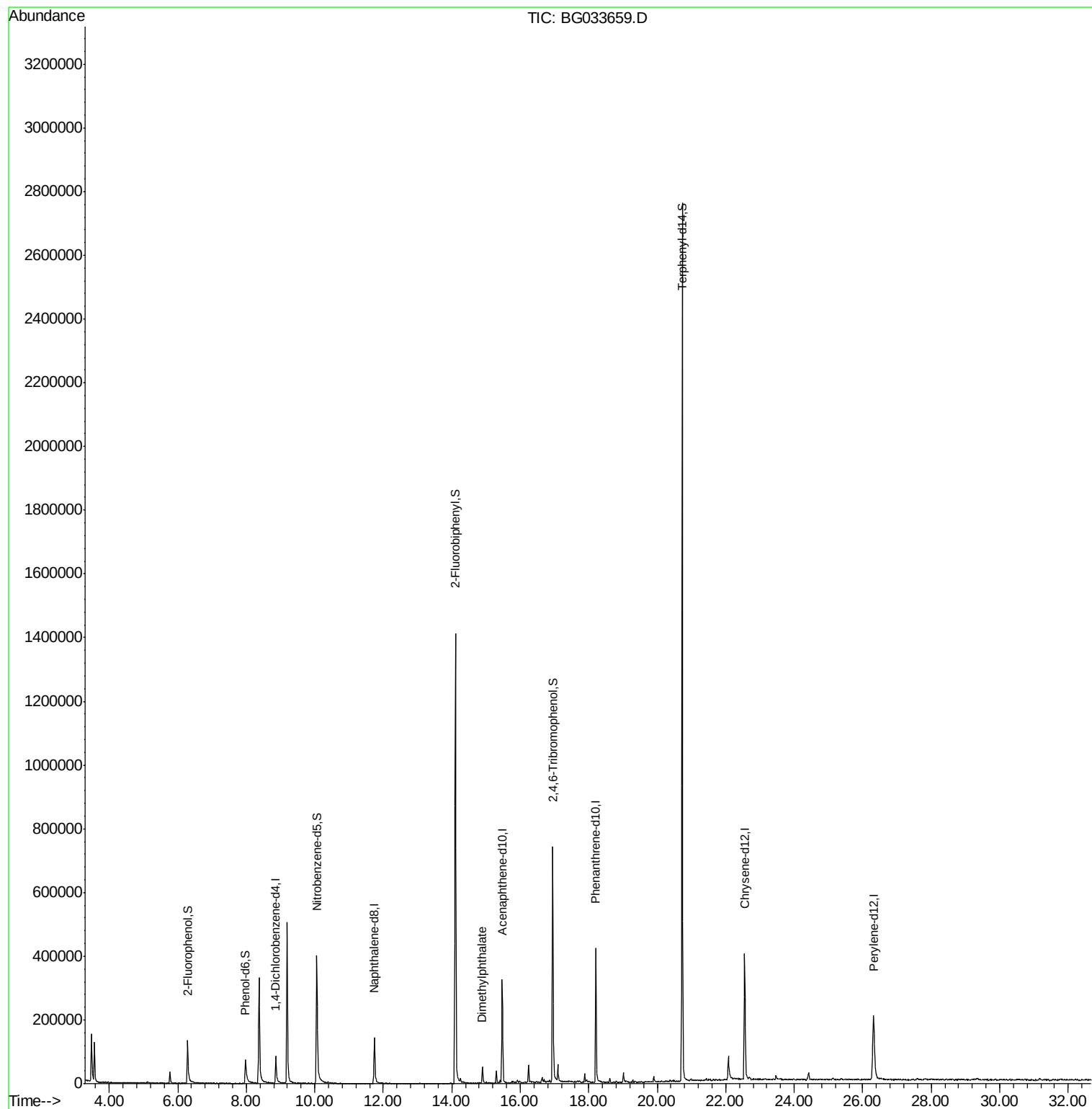
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31767	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	150062	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	121102	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	299935	20.00	ng	0.00
75) Chrysene-d12	22.55	240	302179	20.00	ng	0.00
86) Perylene-d12	26.33	264	306156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	72707	42.92	ng	0.00
7) Phenol-d6	7.97	99	71274	24.49	ng	0.00
23) Nitrobenzene-d5	10.06	82	326184	99.87	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	147533	81.45	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	826671	98.55	ng	0.00
78) Terphenyl-d14	20.73	244	1345830	95.25	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	31803	3.018	ng	Qvalue 96

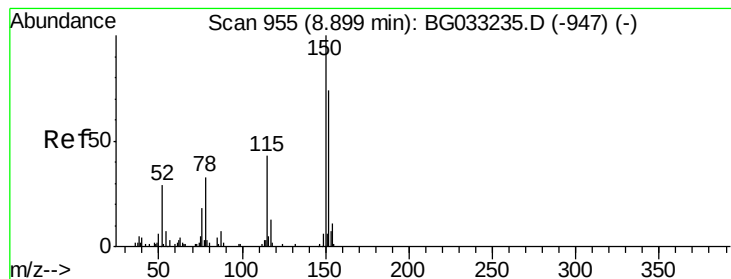
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-D-M

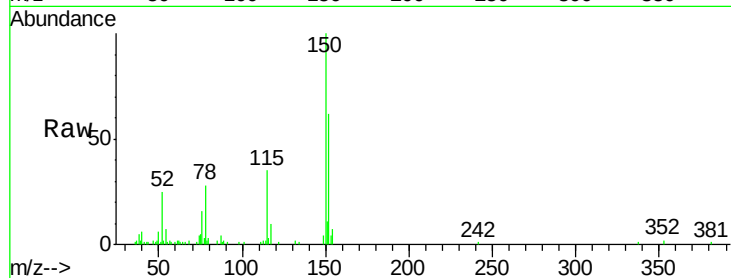
Tot Ion:152 Resp: 31767

Ion Ratio Lower Upper

152 100

150 160.8 126.6 189.8

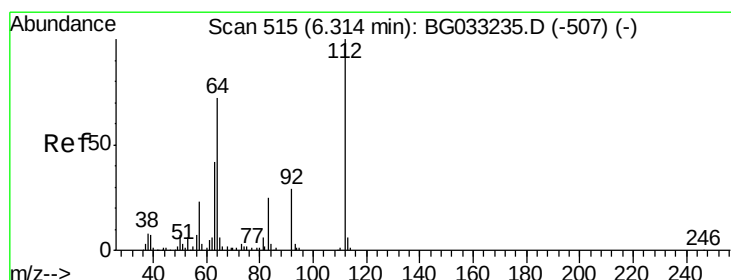
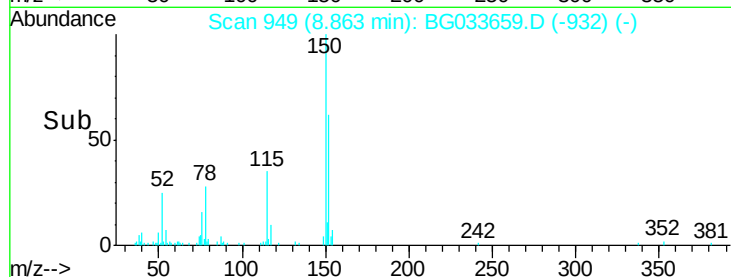
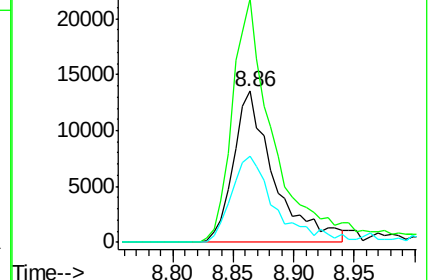
115 56.9 53.0 79.4



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: 42.917 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.01 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

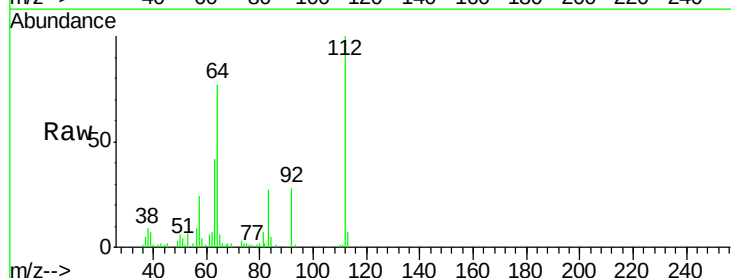
Tgt Ion:112 Resp: 72707

Ion Ratio Lower Upper

112 100

64 77.4 56.3 84.5

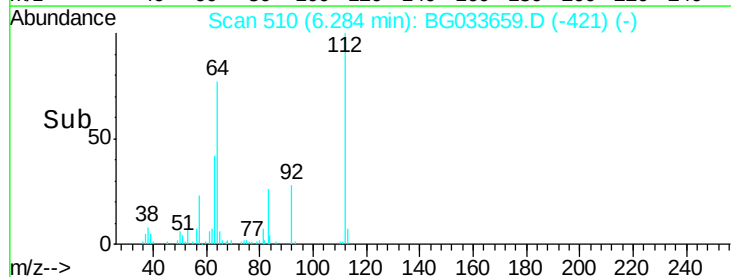
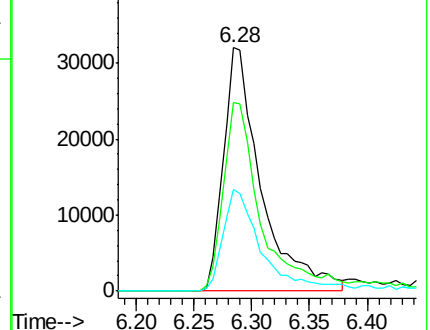
63 41.6 30.1 45.1

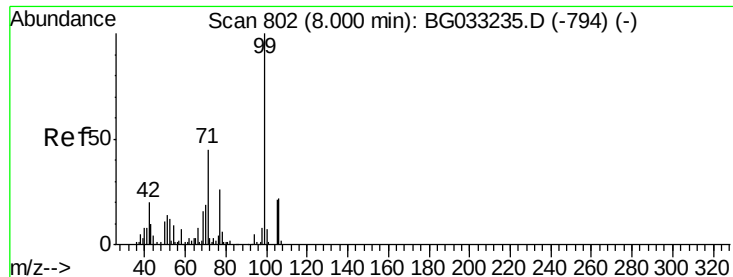


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.486 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-D-M

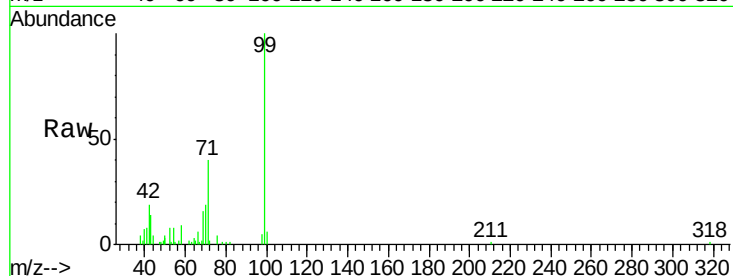
Tot Ion: 99 Resp: 71274

Ion Ratio Lower Upper

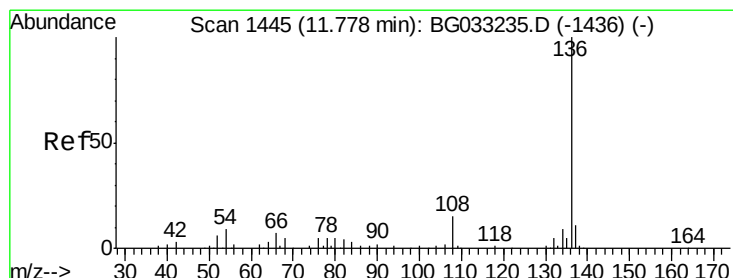
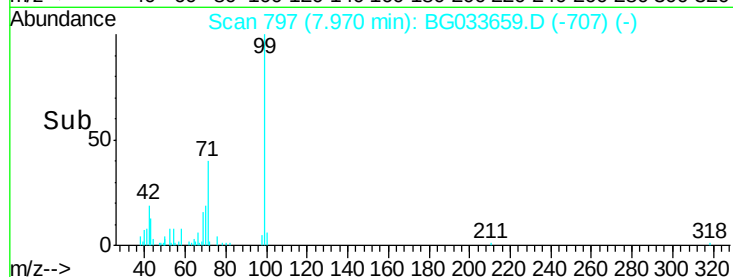
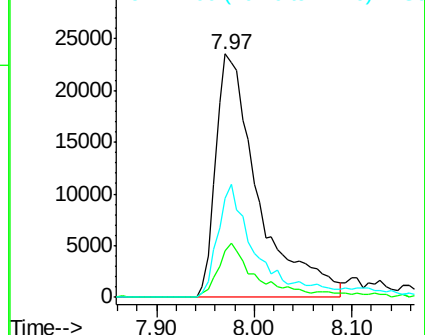
99 100

42 19.4 14.1 21.1

71 40.5 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: 11.74 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Tgt Ion: 136 Resp: 150062

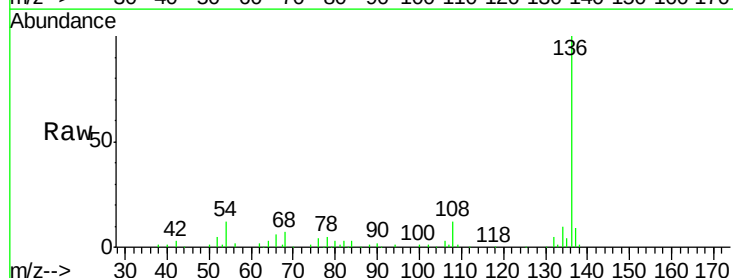
Ion Ratio Lower Upper

136 100

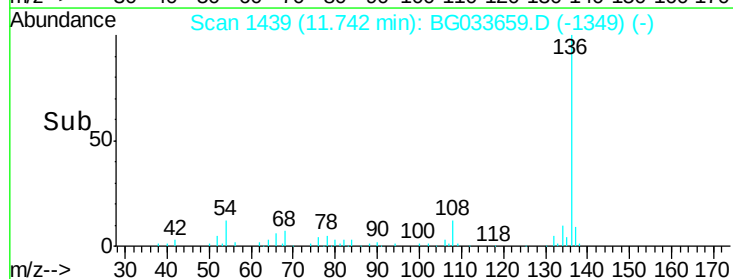
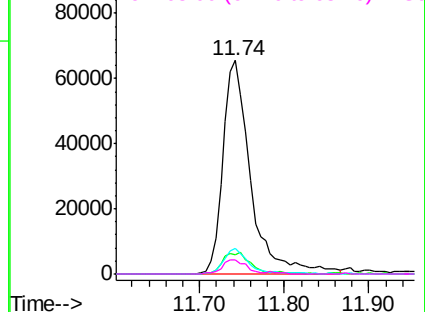
137 9.1 9.2 13.8#

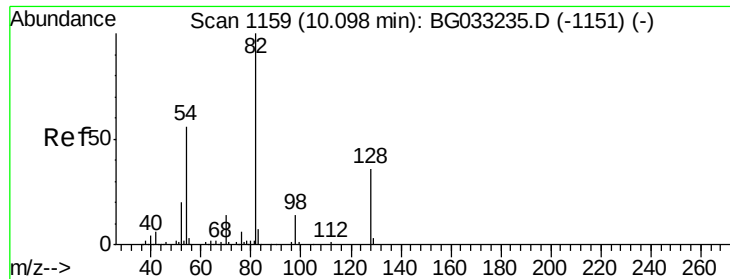
54 12.0 10.3 15.5

68 6.8 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: 99.867 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-D-M

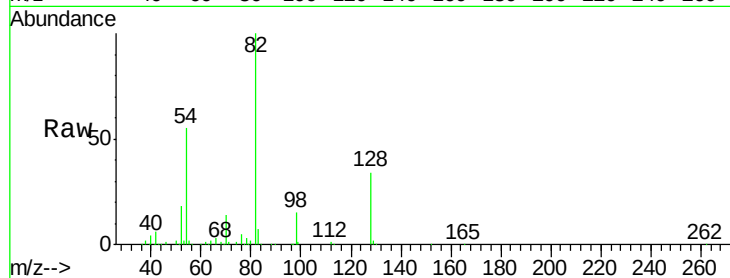
Tot Ion: 82 Resp: 326184

Ion Ratio Lower Upper

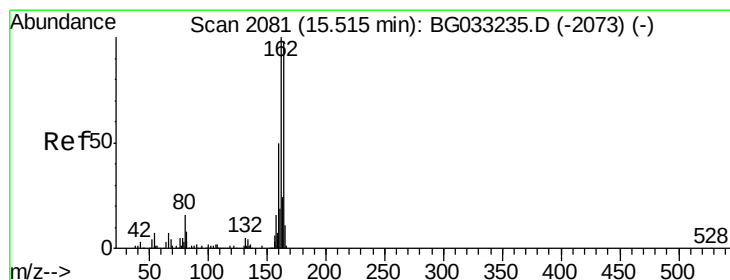
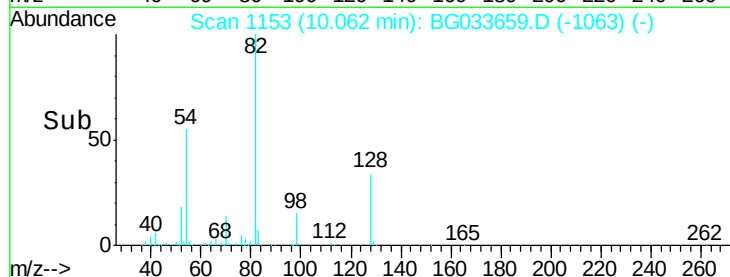
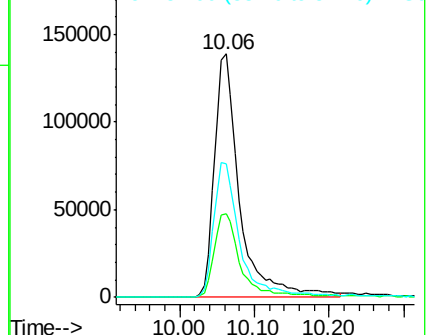
82 100

128 34.2 29.7 44.5

54 54.8 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: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

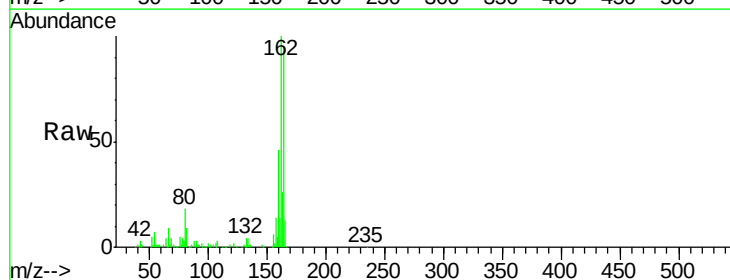
Tgt Ion:164 Resp: 121102

Ion Ratio Lower Upper

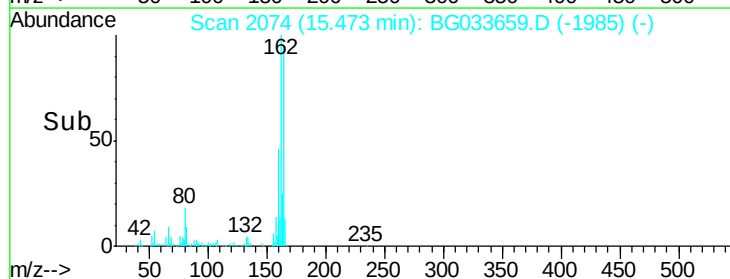
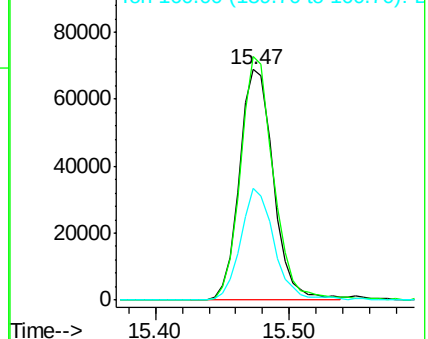
164 100

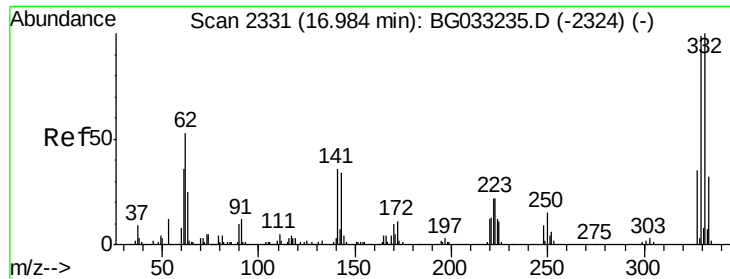
162 105.6 78.8 118.2

160 48.4 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

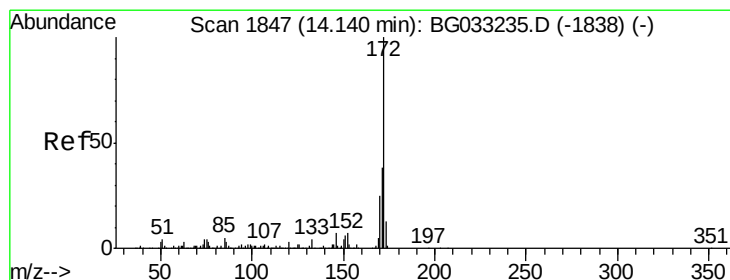
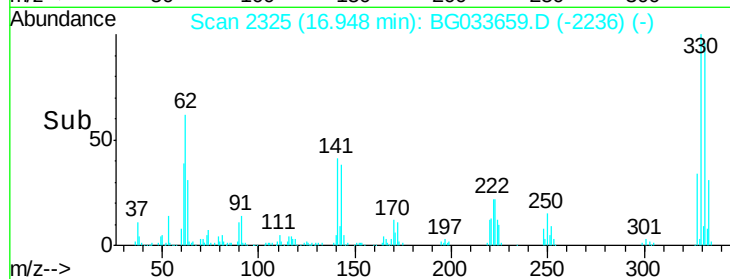
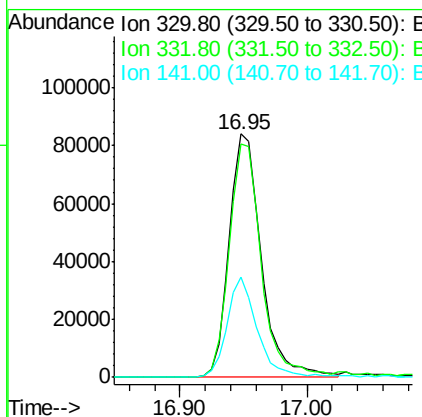
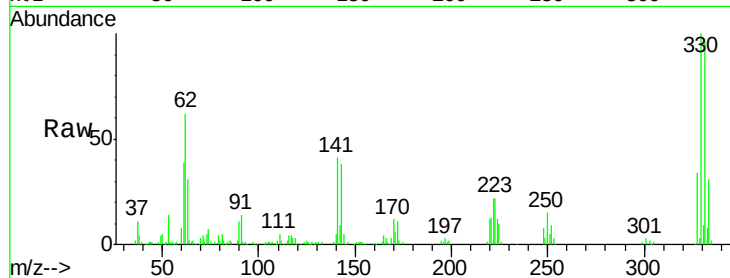




#41
 2,4,6-Tribromophenol
 Concen: 81.455 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

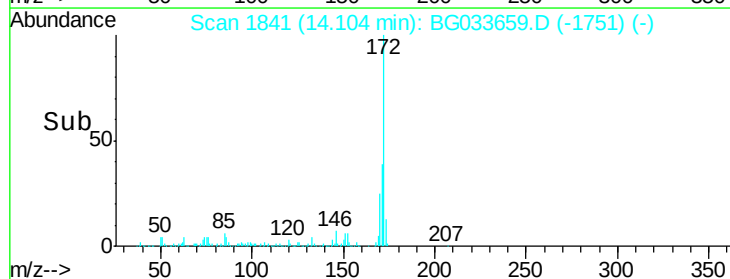
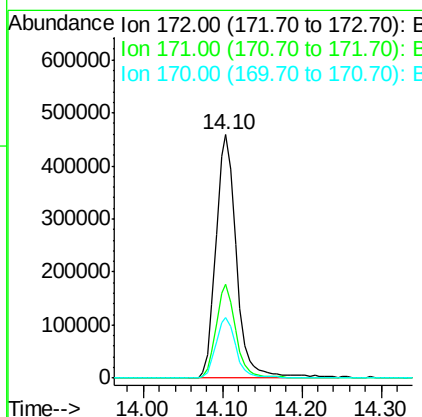
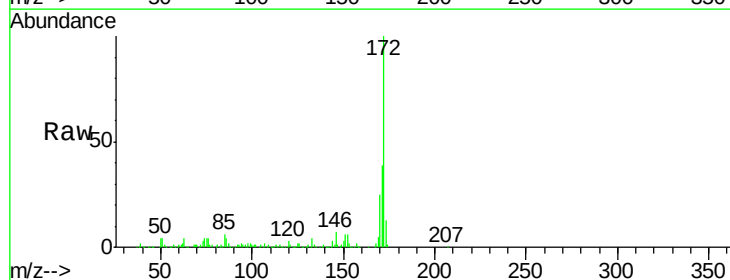
Instrument :
 BNA_G
 ClientSampleId :
 040218-DBRI-F-D-M

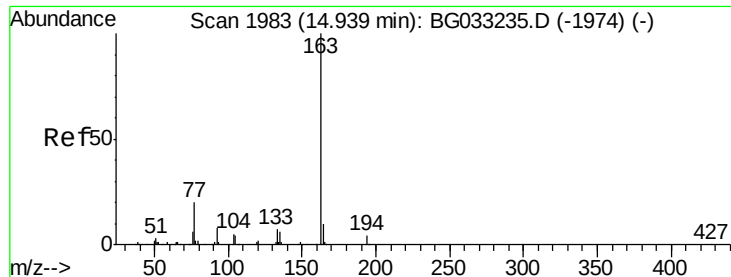
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.8	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 98.546 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033659.D
 Acq: 7 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.8	19.5	29.3





#49

Dimethylphthalate

Concen: 3.018 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-D-M

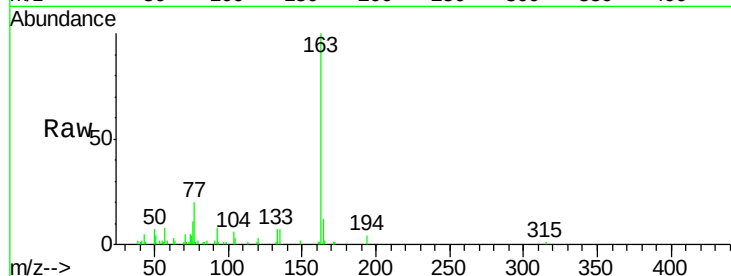
Tot Ion:163 Resp: 31803

Ion Ratio Lower Upper

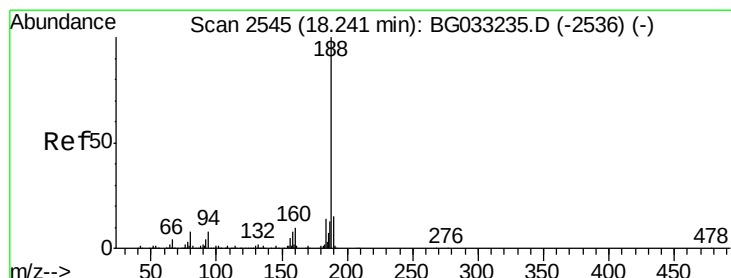
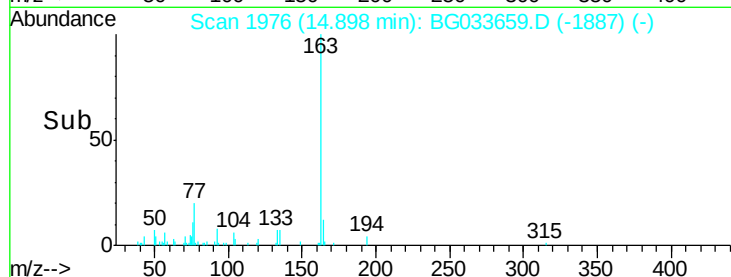
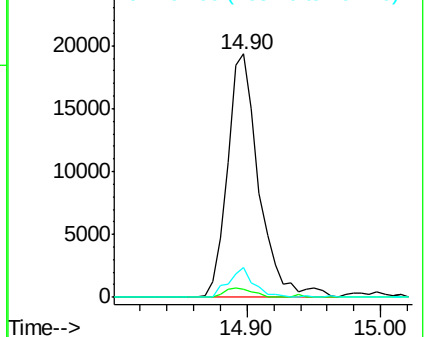
163 100

194 3.5 3.4 5.2

164 12.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

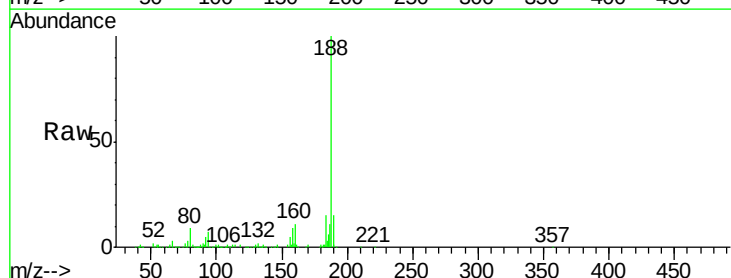
Tgt Ion:188 Resp: 299935

Ion Ratio Lower Upper

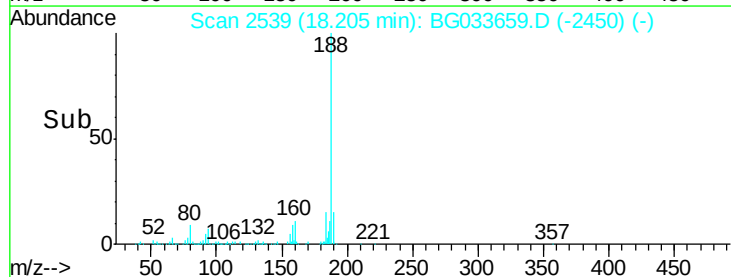
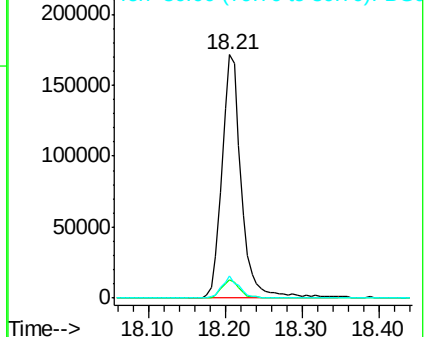
188 100

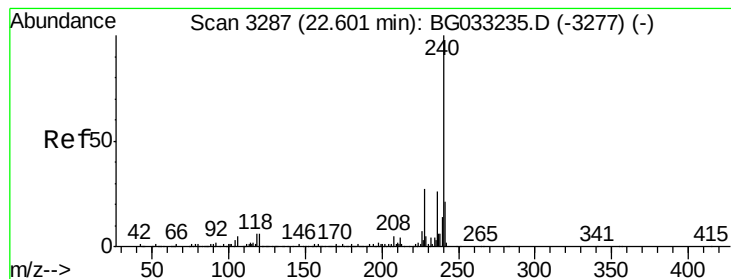
94 7.4 6.9 10.3

80 8.9 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: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

Instrument :

BNA_G

ClientSampleId :

040218-DBRI-F-D-M

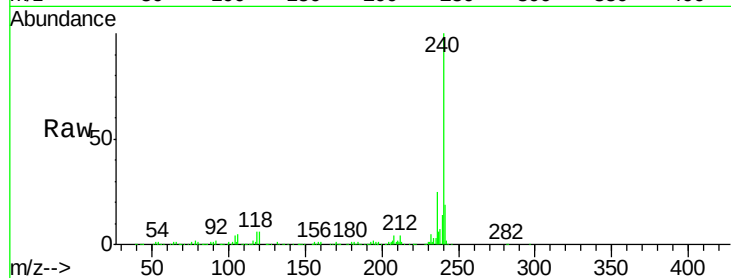
Tot Ion:240 Resp: 302179

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

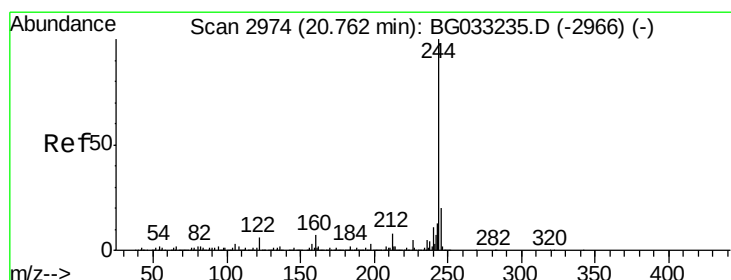
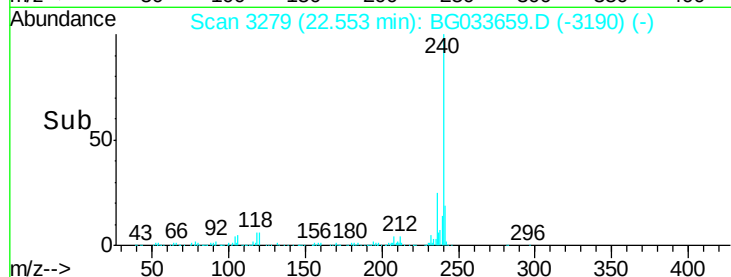
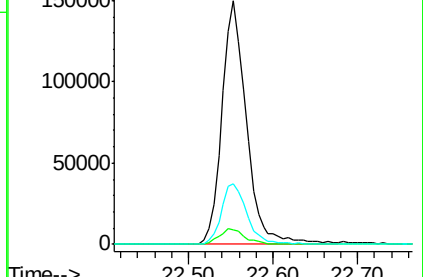
236 24.8 20.9 31.3



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: 95.248 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033659.D

Acq: 7 Apr 2018 10:32

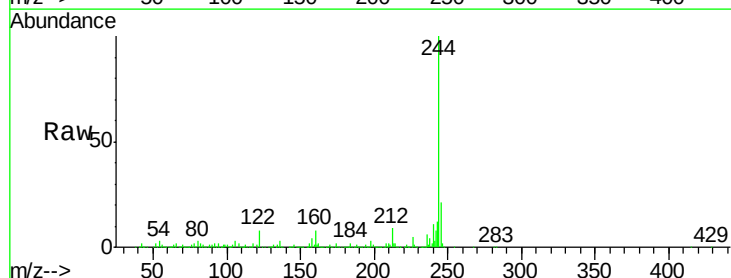
Tgt Ion:244 Resp: 1345830

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

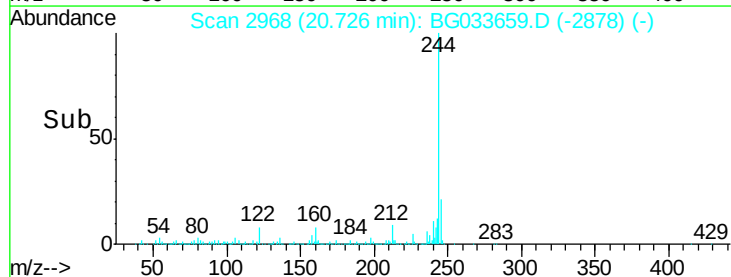
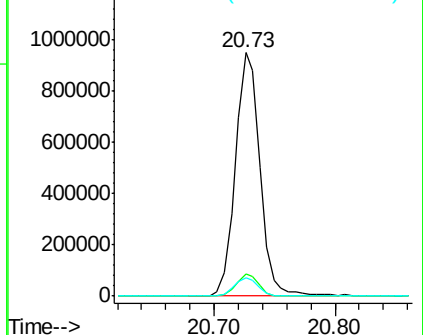
122 7.7 7.0 10.4

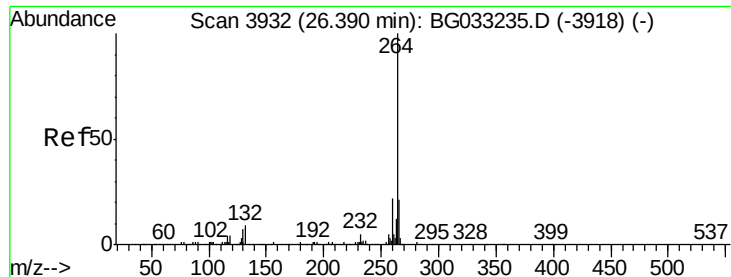


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. 0.01 min
Lab File: BG033659.D
Acq: 7 Apr 2018 10:32

Instrument :
BNA_G
ClientSampleId :
040218-DBRI-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.7	17.4	26.0
265	20.4	17.7	26.5

