

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG033012.D
 Acq On : 6 Mar 2018 6:31
 Operator : SJ/JU
 Sample : J1699-80
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B24

Quant Time: Mar 06 07:23:46 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

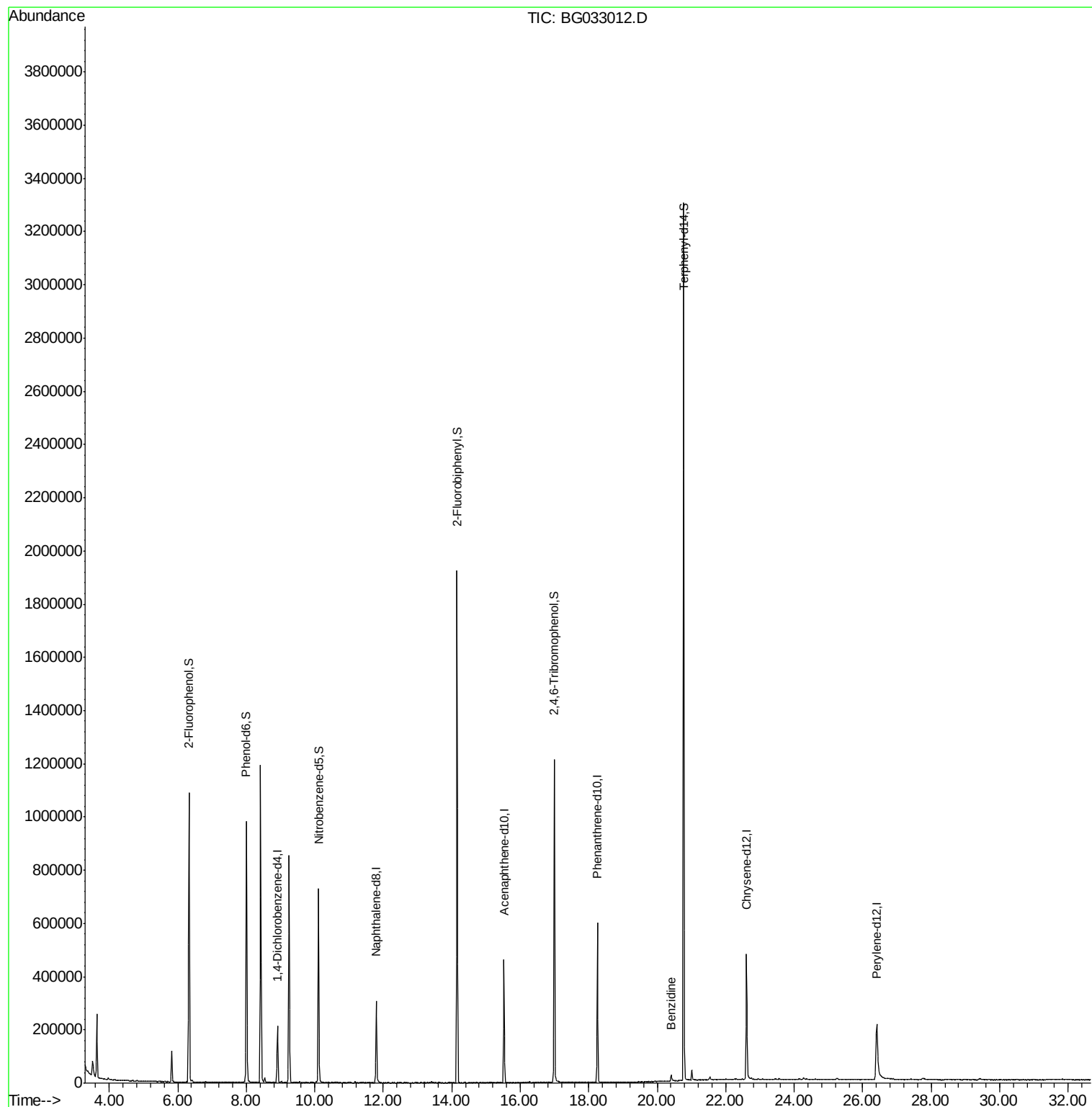
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	63347	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	279287	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	157061	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	355679	20.00	ng	0.00
75) Chrysene-d12	22.61	240	319842	20.00	ng	-0.01
86) Perylene-d12	26.41	264	303504	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	504383	127.38	ng	0.00
7) Phenol-d6	8.01	99	614451	111.33	ng	0.00
23) Nitrobenzene-d5	10.11	82	461903	111.30	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	215251	130.34	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	969018	88.98	ng	-0.01
78) Terphenyl-d14	20.77	244	1442784	101.35	ng	0.00
Target Compounds						
76) Benzidine	20.41	184	23124	2.121	ng	Qvalue 96

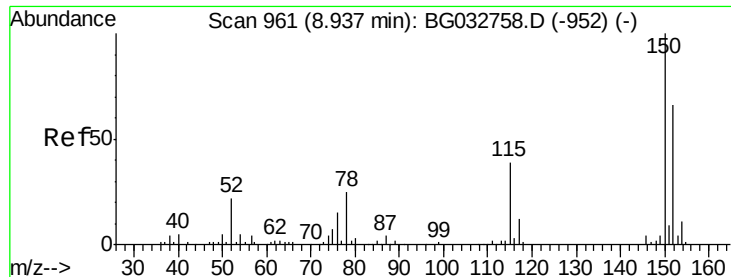
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG033012.D
Acq On : 6 Mar 2018 6:31
Operator : SJ/JU
Sample : J1699-80
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B24

Quant Time: Mar 06 07:23:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



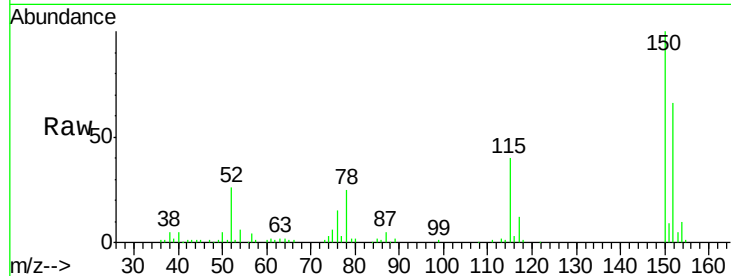


#1

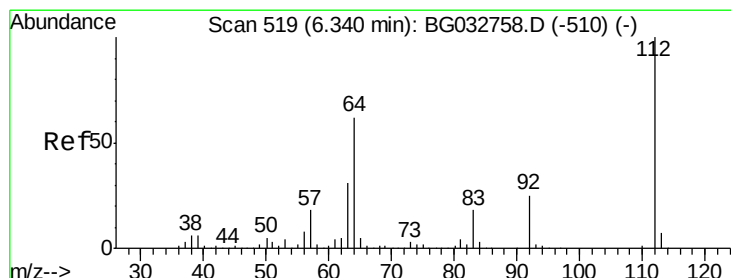
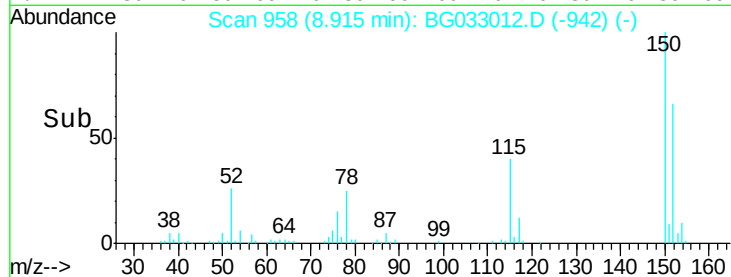
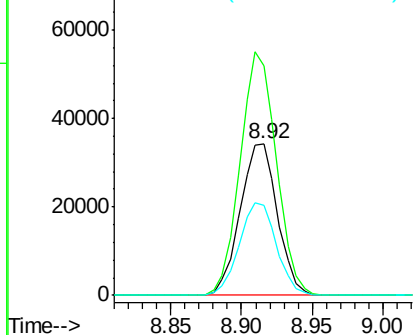
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :
B24

Tot Ion:152 Resp: 63347
Ion Ratio Lower Upper
152 100
150 150.8 126.6 189.8
115 59.7 53.0 79.4



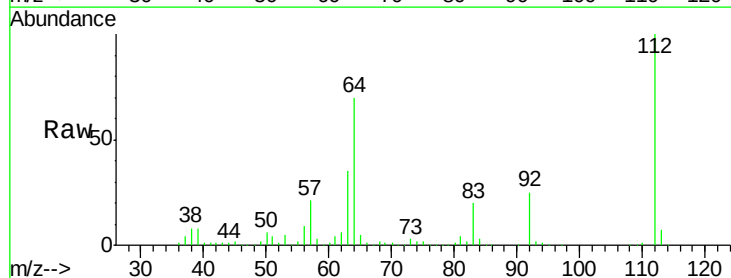
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



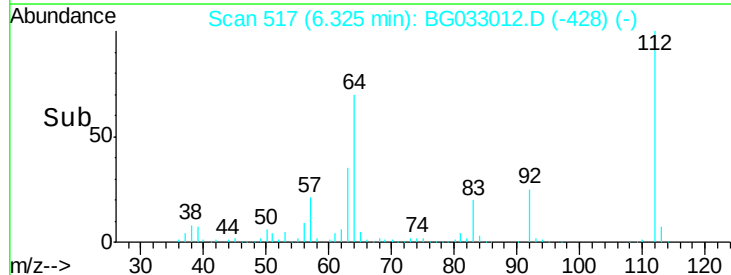
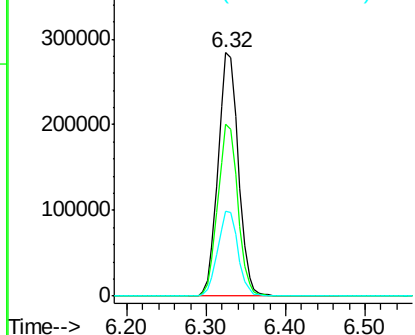
#5

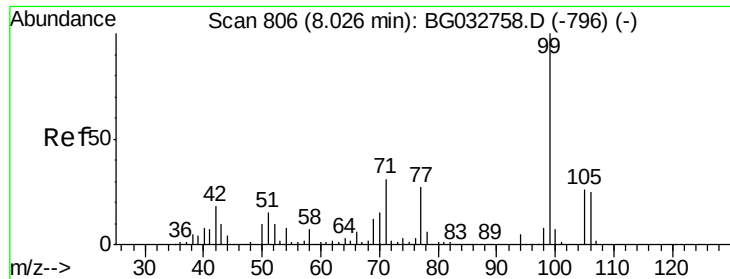
2-Fluorophenol
Concen: 127.384 ng
RT: 6.32 min Scan# 517
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:112 Resp: 504383
Ion Ratio Lower Upper
112 100
64 70.4 56.3 84.5
63 34.9 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: 111.333 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG033012.D

Acq: 6 Mar 2018 6:31

Instrument :

BNA_G

ClientSampleId :

B24

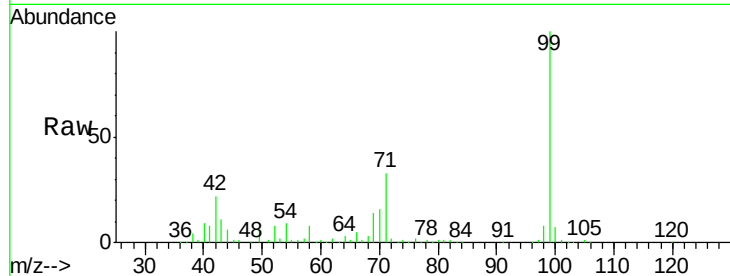
Tot Ion: 99 Resp: 614451

Ion Ratio Lower Upper

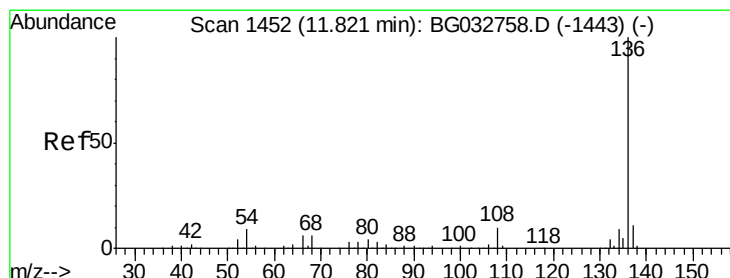
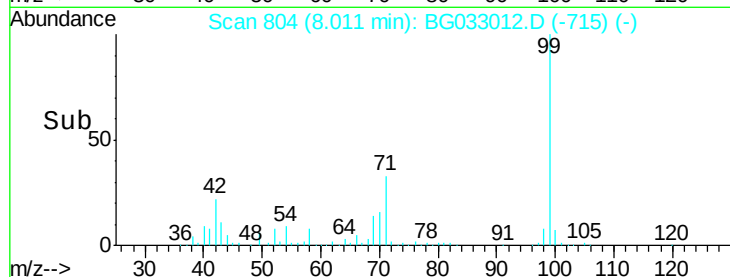
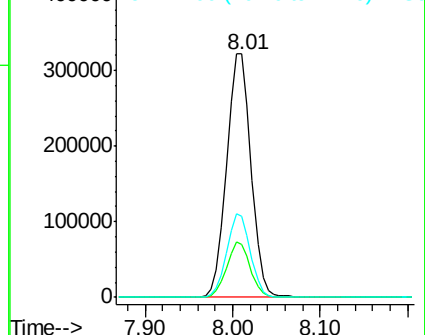
99 100

42 22.0 14.1 21.1#

71 33.4 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: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG033012.D

Acq: 6 Mar 2018 6:31

Tgt Ion: 136 Resp: 279287

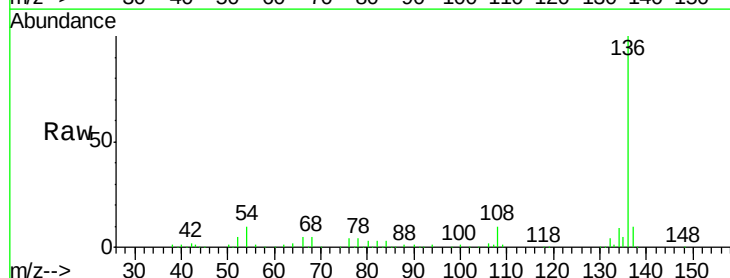
Ion Ratio Lower Upper

136 100

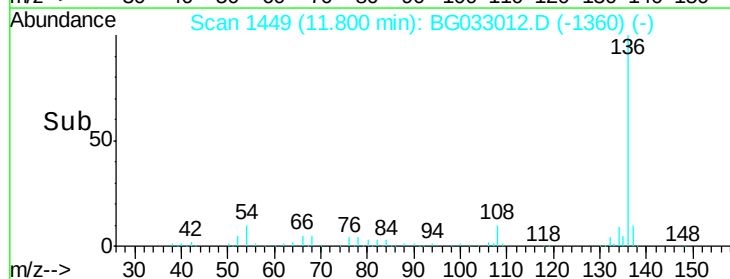
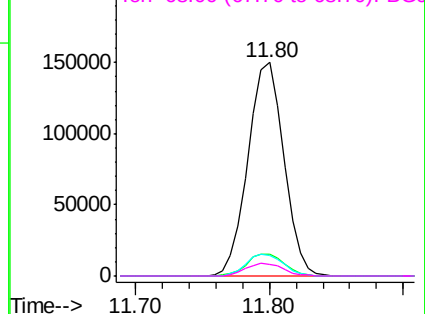
137 10.2 9.2 13.8

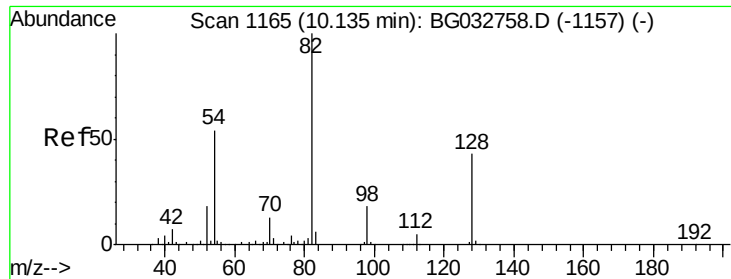
54 9.7 10.3 15.5#

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: 111.298 ng

RT: 10.11 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG033012.D

Acq: 6 Mar 2018 6:31

Instrument :

BNA_G

ClientSampleId :

B24

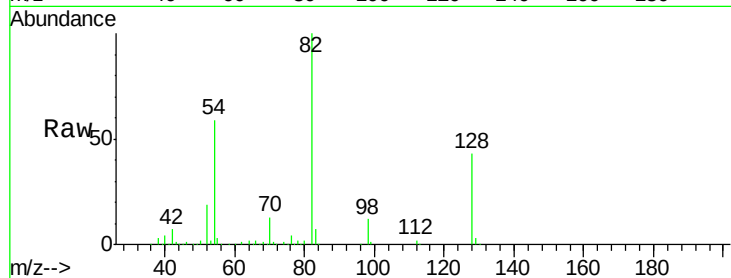
Tot Ion: 82 Resp: 461903

Ion Ratio Lower Upper

82 100

128 43.4 29.7 44.5

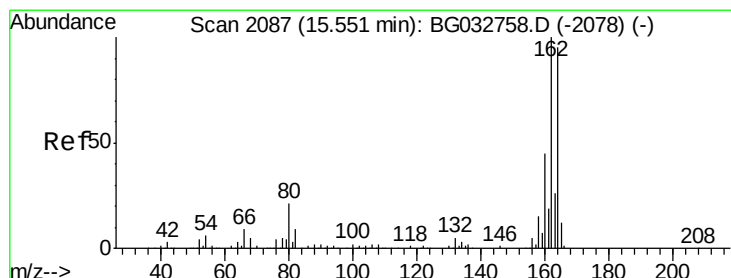
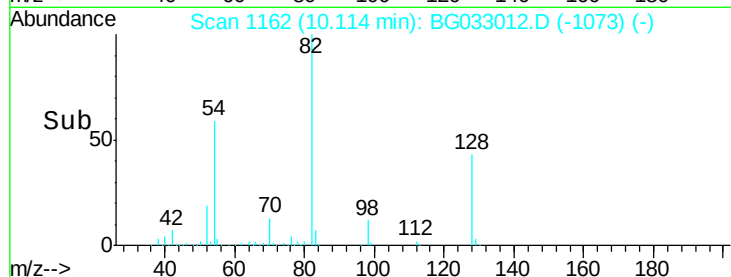
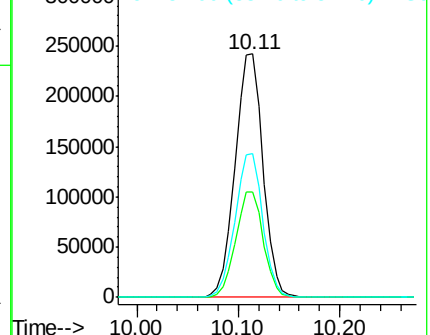
54 59.1 43.1 64.7



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: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033012.D

Acq: 6 Mar 2018 6:31

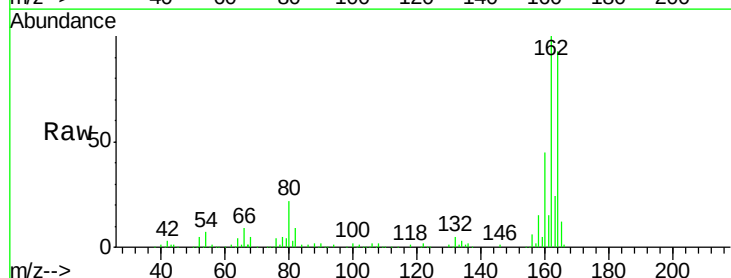
Tgt Ion:164 Resp: 157061

Ion Ratio Lower Upper

164 100

162 107.3 78.8 118.2

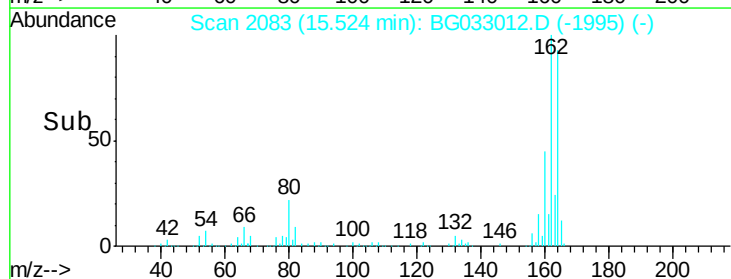
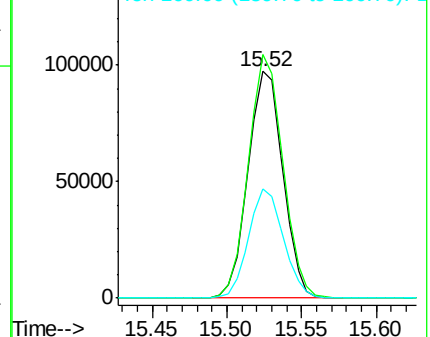
160 48.2 35.4 53.0

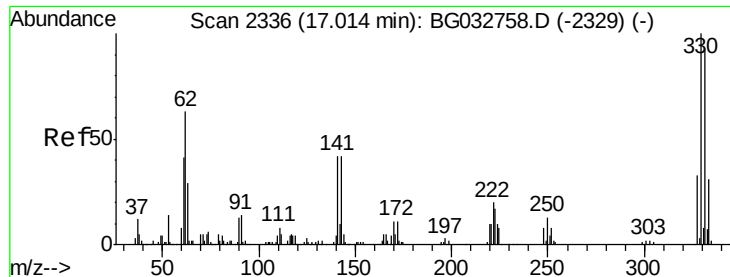


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

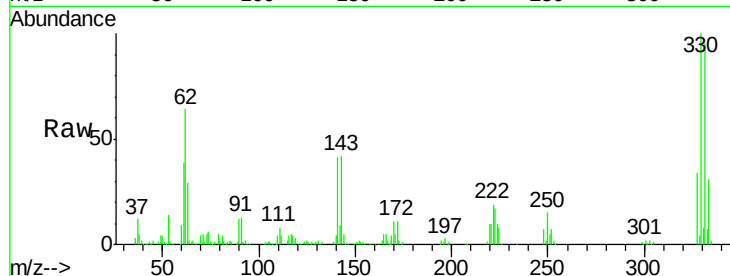




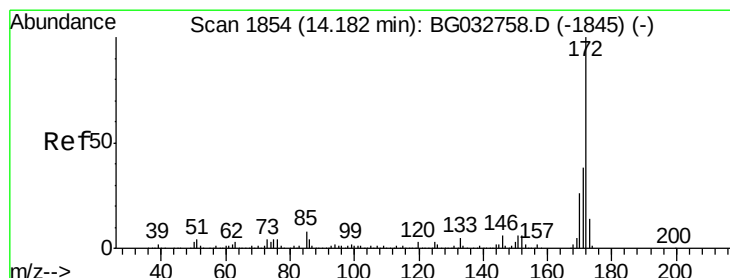
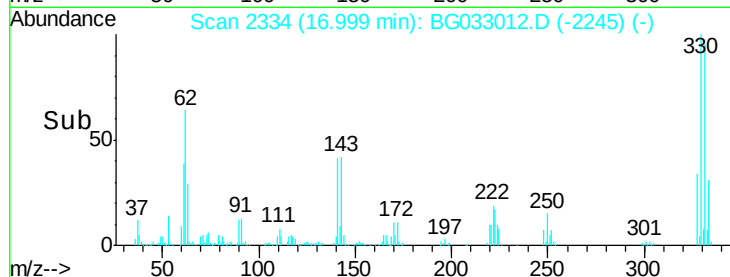
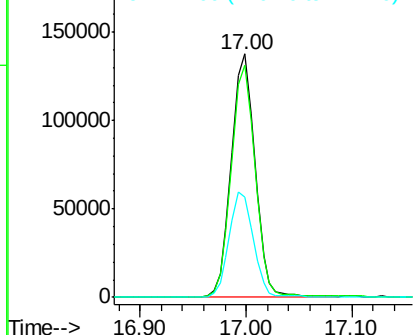
#41
 2,4,6-Tribromophenol
 Concen: 130.341 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG033012.D
 Acq: 6 Mar 2018 6:31

Instrument :
 BNA_G
 ClientSampleId :
 B24

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	44.3	25.2	37.8#

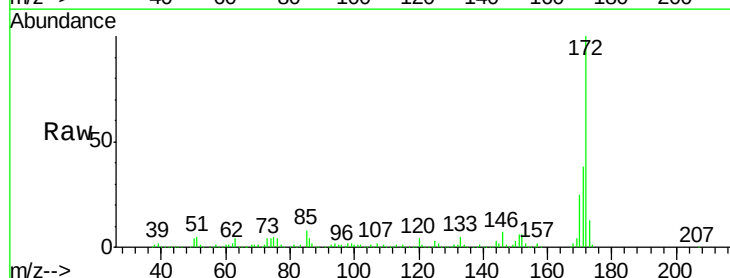


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

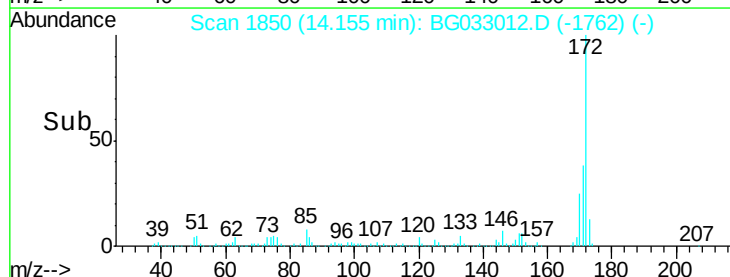
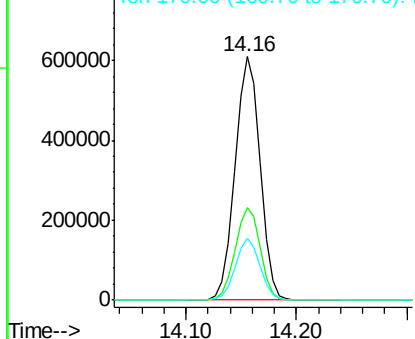


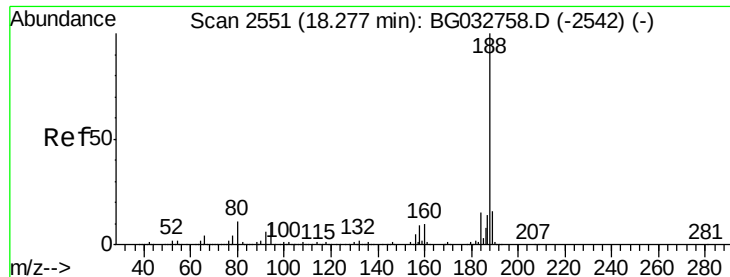
#44
 2-Fluorobiphenyl
 Concen: 88.983 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG033012.D
 Acq: 6 Mar 2018 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.2	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

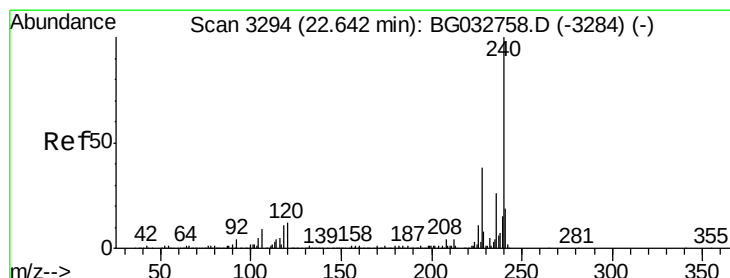
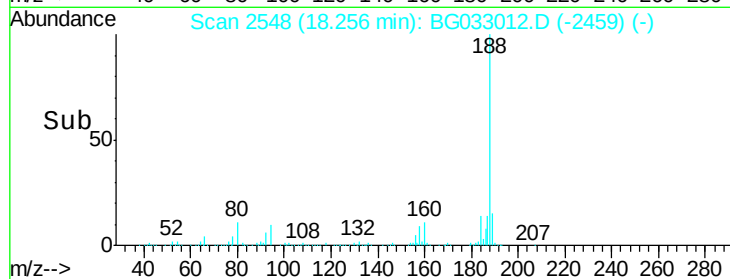
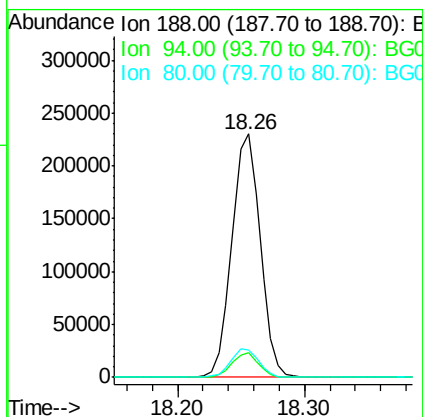
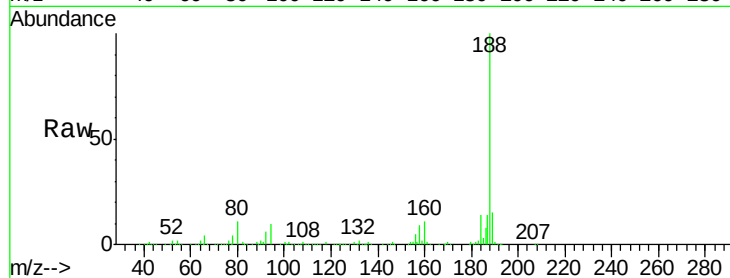




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

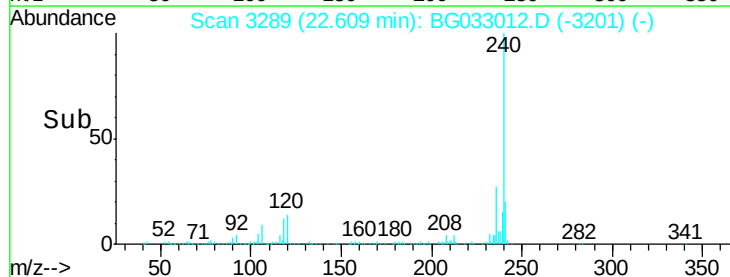
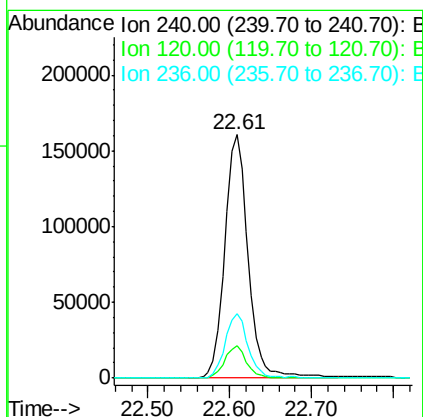
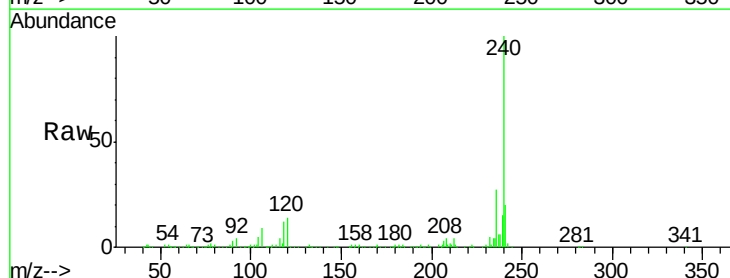
Instrument :
BNA_G
ClientSampleId :
B24

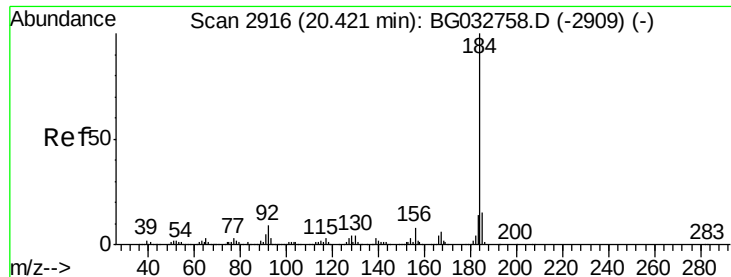
Tot Ion:188 Resp: 355679
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Tgt Ion:240 Resp: 319842
Ion Ratio Lower Upper
240 100
120 13.6 6.8 10.2#
236 26.5 20.9 31.3





#76

Benzidine

Concen: 2.121 ng

RT: 20.41 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG033012.D

Acq: 6 Mar 2018 6:31

Instrument :

BNA_G

ClientSampled :

B24

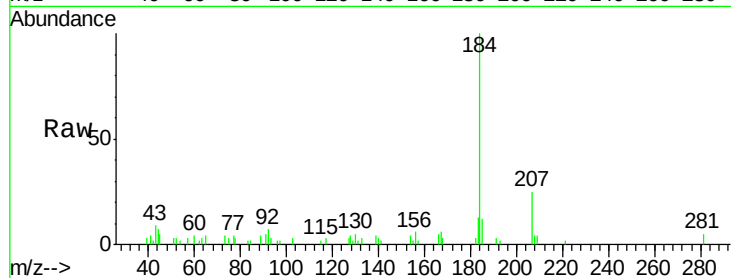
Tot Ion:184 Resp: 23124

Ion Ratio Lower Upper

184 100

185 11.6 11.1 16.7

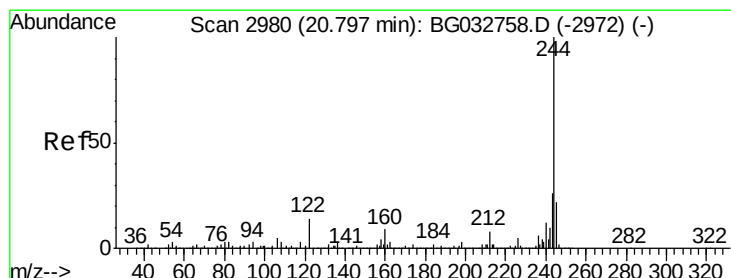
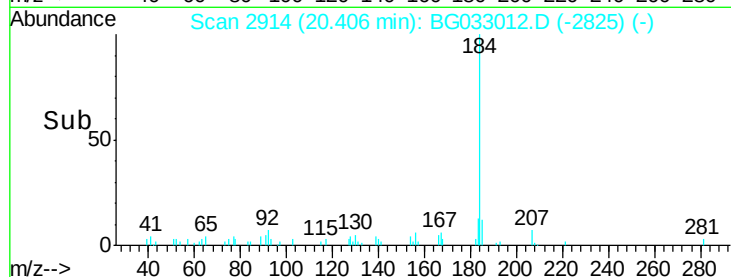
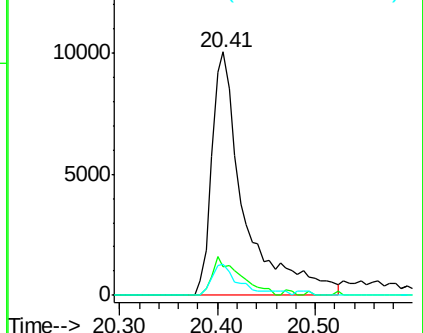
183 12.6 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 101.348 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG033012.D

Acq: 6 Mar 2018 6:31

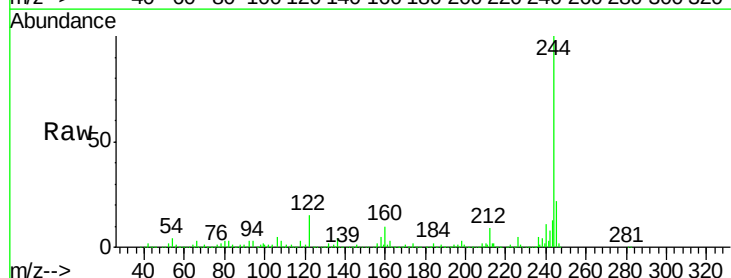
Tgt Ion:244 Resp: 1442784

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

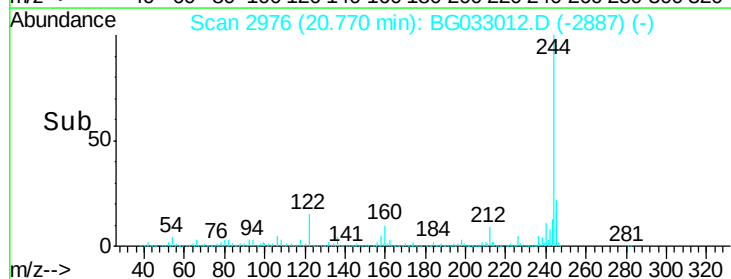
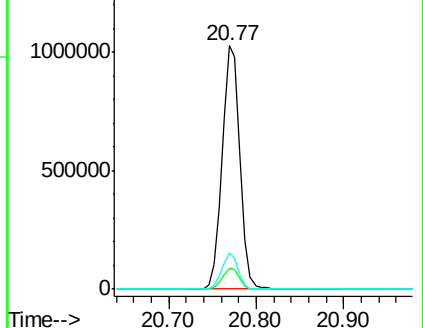
122 14.8 7.0 10.4#

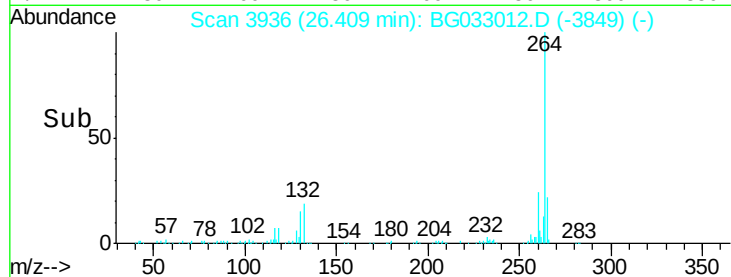
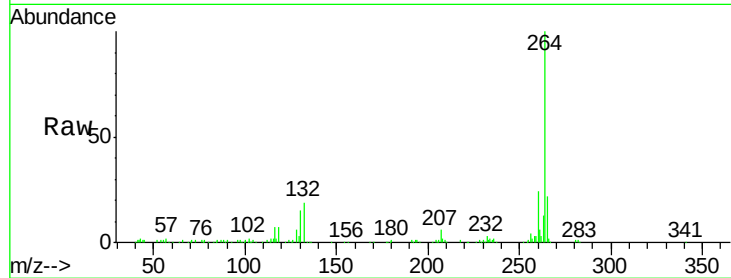
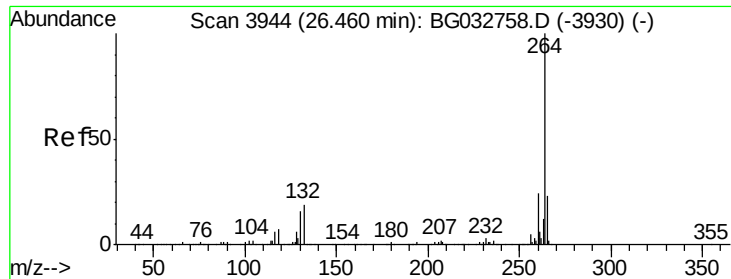


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.41 min Scan# 3936
Delta R.T. -0.02 min
Lab File: BG033012.D
Acq: 6 Mar 2018 6:31

Instrument :
BNA_G
ClientSampleId :
B24

Tot Ion:	264	Resp:	303504
Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.5	17.7	26.5

