

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032656.D
 Acq On : 13 Feb 2018 12:18
 Operator : SJ/JU
 Sample : J1515-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Feb 13 15:47:44 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

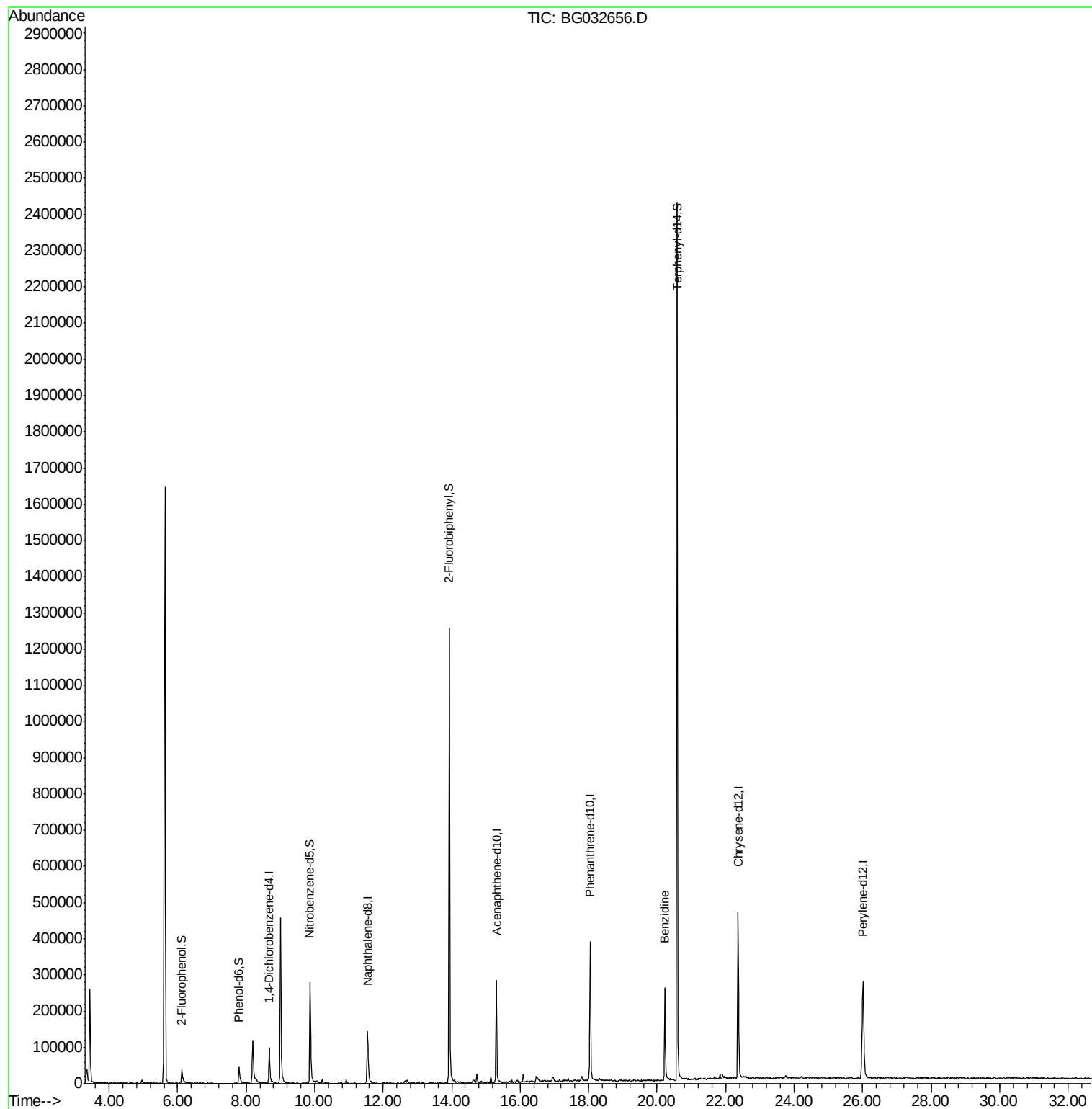
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	38266	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	152816	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	114136	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	295818	20.00	ng	0.00
75) Chrysene-d12	22.36	240	377889	20.00	ng	0.00
86) Perylene-d12	26.01	264	385747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	28175	14.77	ng	0.00
7) Phenol-d6	7.79	99	35586	13.65	ng	0.00
23) Nitrobenzene-d5	9.87	82	202672	84.29	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	420	0.24	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	753453	82.55	ng	0.00
78) Terphenyl-d14	20.59	244	1395021	84.14	ng	0.00
Target Compounds						
76) Benzidine	20.22	184	204343	22.964	ng	Qvalue 96

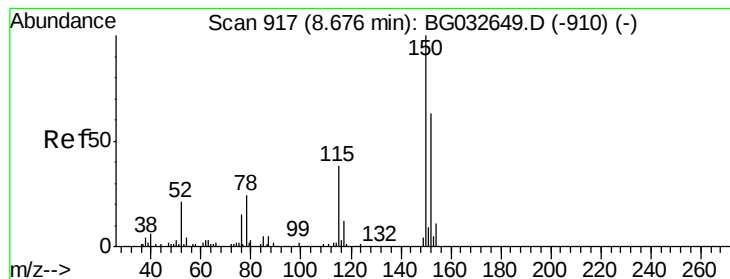
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032656.D
Acq On : 13 Feb 2018 12:18
Operator : SJ/JU
Sample : J1515-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-1

Quant Time: Feb 13 15:47:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.67 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

Instrument :

BNA_G

ClientSampleId :

MW-1

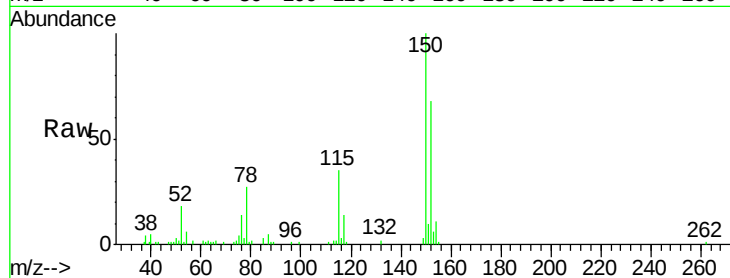
Tot Ion:152 Resp: 38266

Ion Ratio Lower Upper

152 100

150 147.3 126.6 189.8

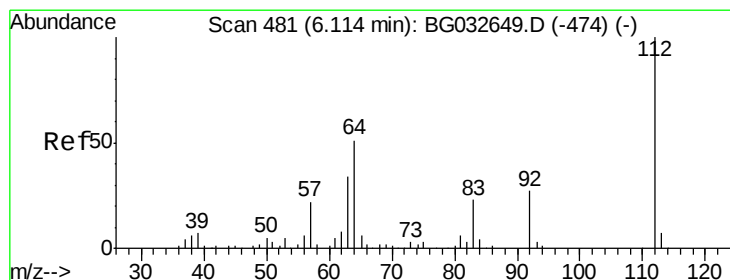
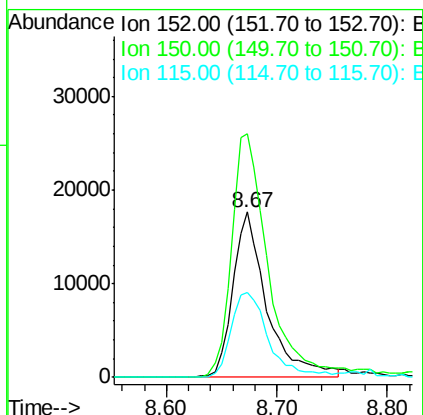
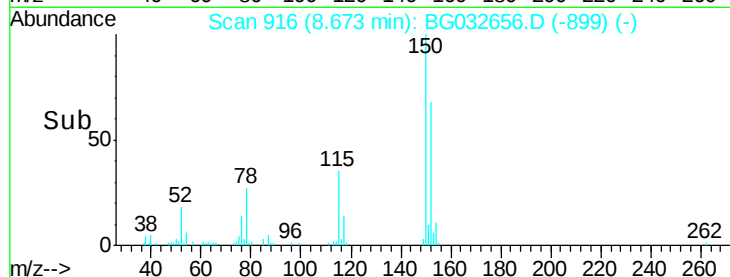
115 51.1 53.0 79.4#



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: 14.773 ng

RT: 6.12 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

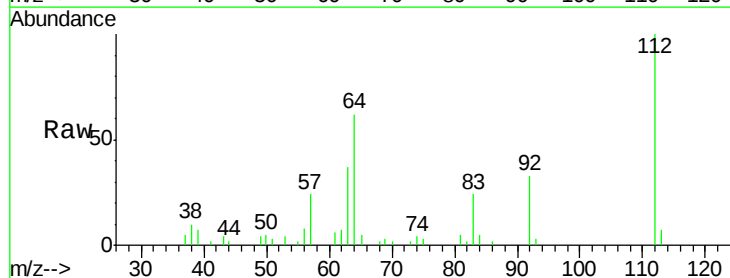
Tgt Ion:112 Resp: 28175

Ion Ratio Lower Upper

112 100

64 62.4 56.3 84.5

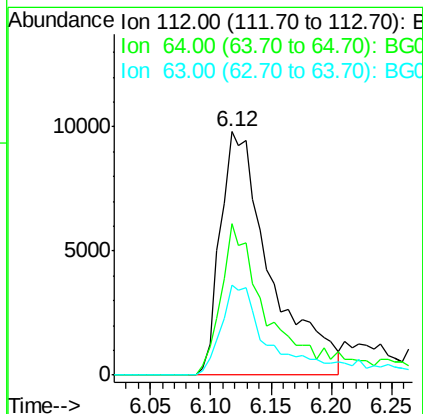
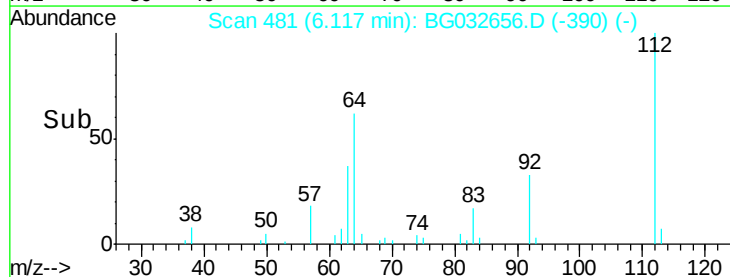
63 36.8 30.1 45.1

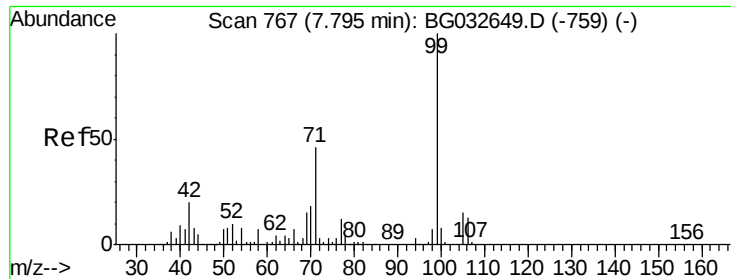


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 13.645 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

Instrument :

BNA_G

ClientSampleId :

MW-1

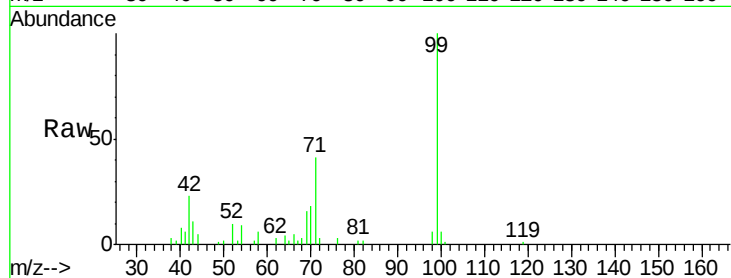
Tot Ion: 99 Resp: 35586

Ion Ratio Lower Upper

99 100

42 22.8 14.1 21.1#

71 40.6 26.1 39.1#

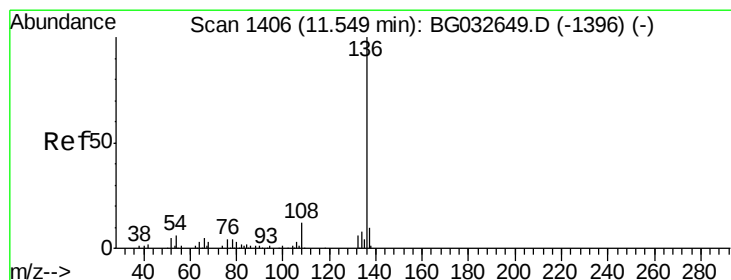
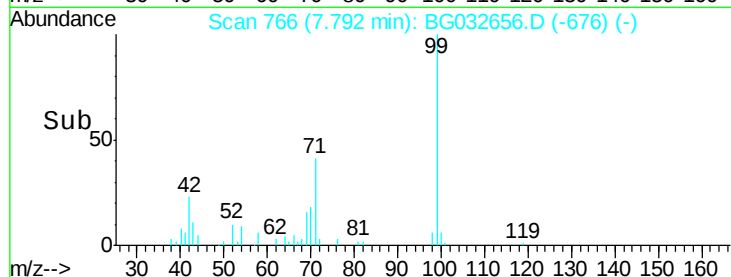
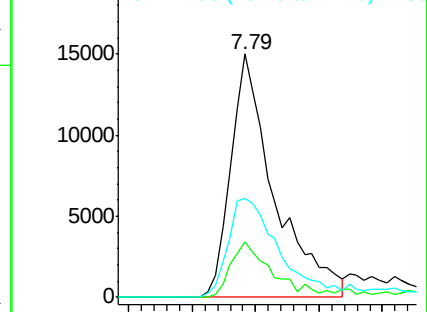


Abundance

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: 11.55 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

Tgt Ion: 136 Resp: 152816

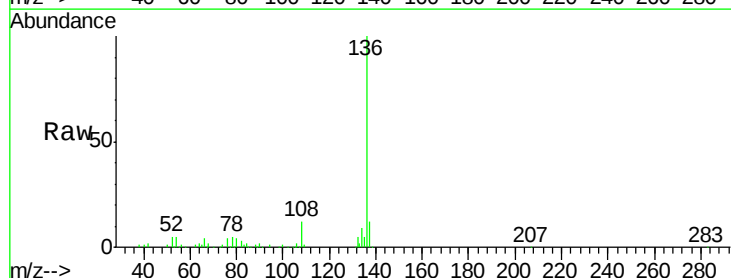
Ion Ratio Lower Upper

136 100

137 12.5 9.2 13.8

54 5.4 10.3 15.5#

68 2.4 4.5 6.7#



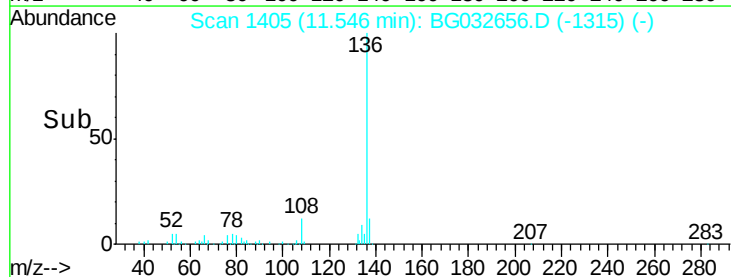
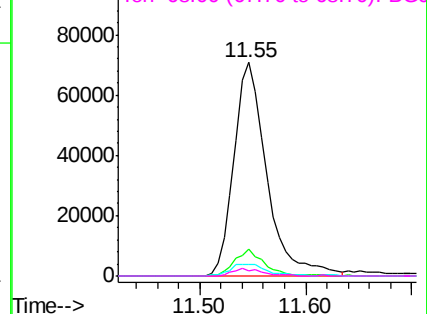
Abundance

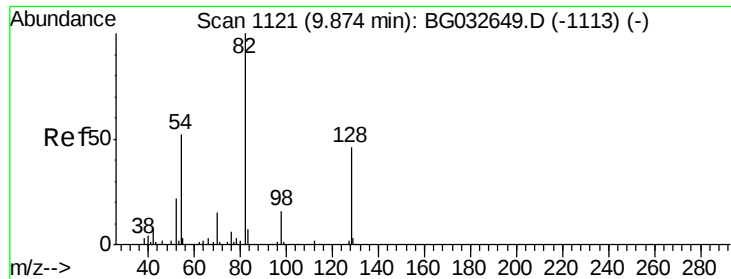
Ion 136.00 (135.70 to 136.70): BGC

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

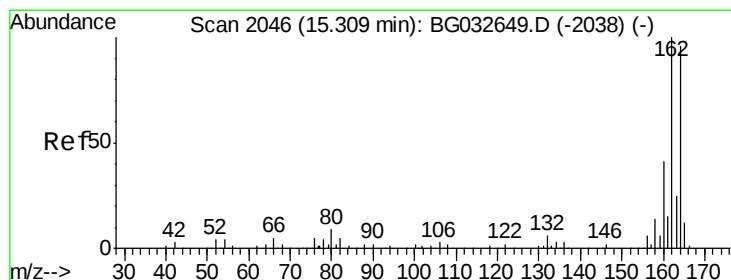
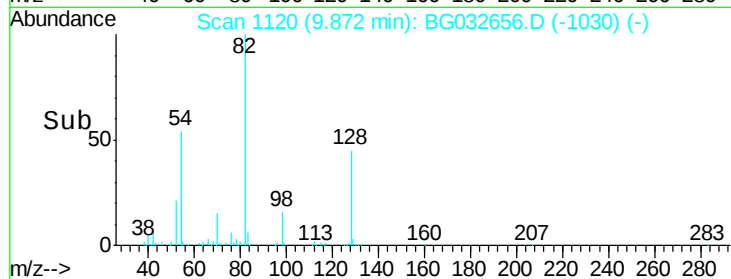
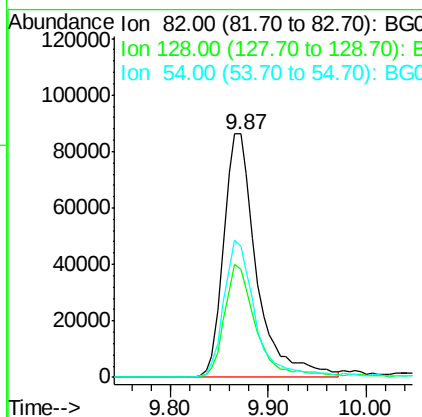
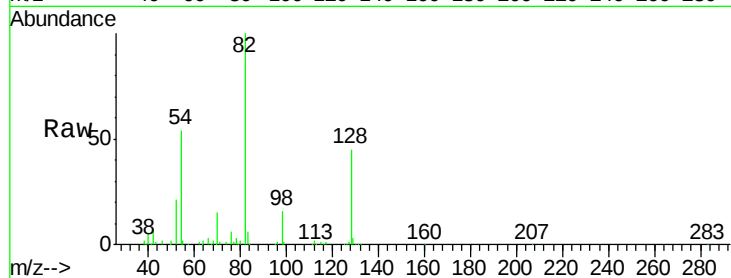




#23
 Nitrobenzene-d5
 Concen: 84.290 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BG032656.D
 Acq: 13 Feb 2018 12:18

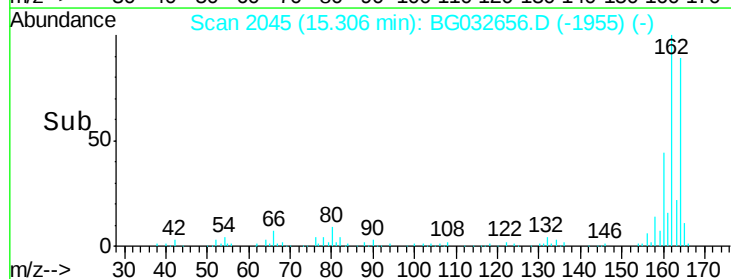
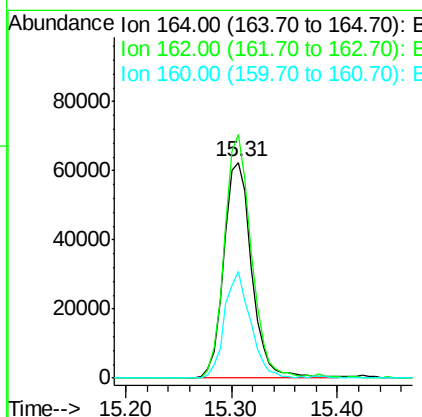
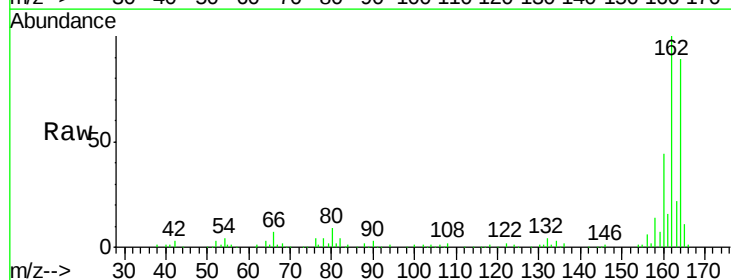
Instrument :
 BNA_G
 ClientSampled :
 MW-1

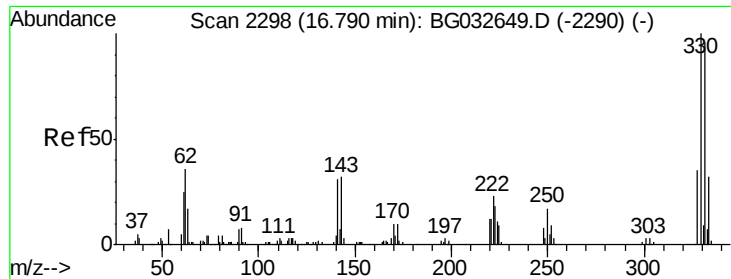
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	53.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BG032656.D
 Acq: 13 Feb 2018 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	112.8	78.8	118.2
160	49.5	35.4	53.0

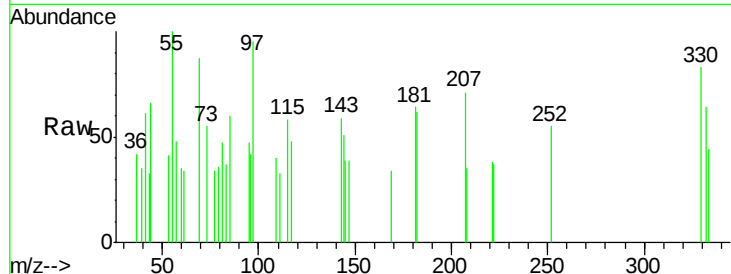




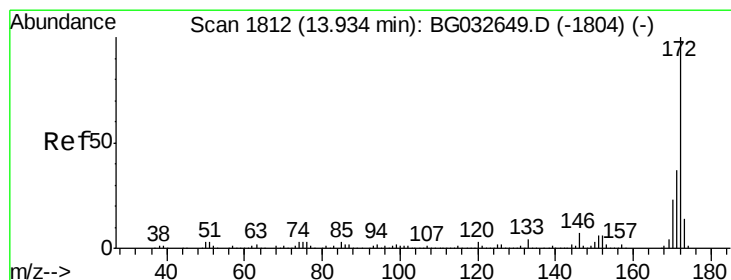
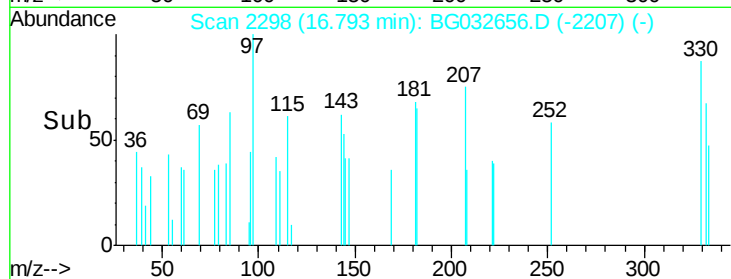
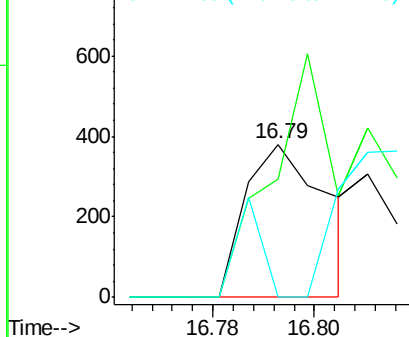
#41
 2,4,6-Tribromophenol
 Concen: 0.239 ng
 RT: 16.79 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: BG032656.D
 Acq: 13 Feb 2018 12:18

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tot Ion:330 Resp: 420
 Ion Ratio Lower Upper
 330 100
 332 271.4 77.0 115.6#
 141 20.7 25.2 37.8#

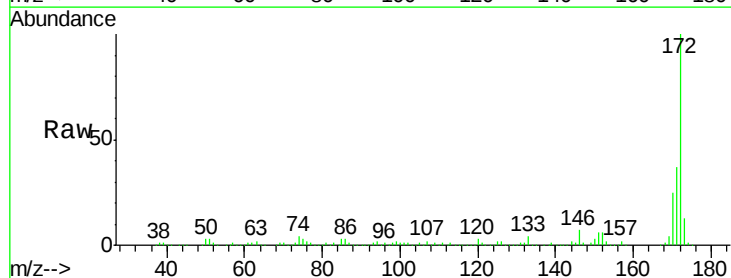


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

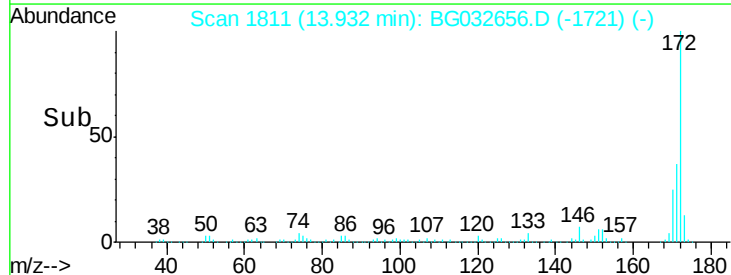
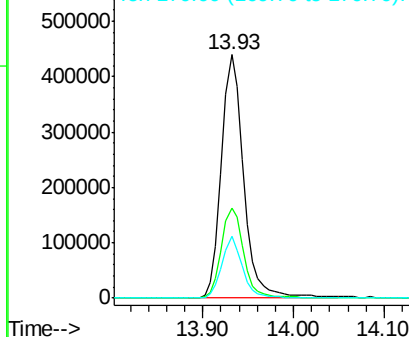


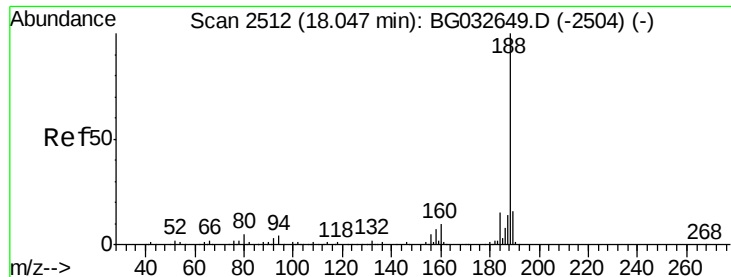
#44
 2-Fluorobiphenyl
 Concen: 82.552 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: BG032656.D
 Acq: 13 Feb 2018 12:18

Tgt Ion:172 Resp: 753453
 Ion Ratio Lower Upper
 172 100
 171 36.8 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: 18.04 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

Instrument :

BNA_G

ClientSampleId :

MW-1

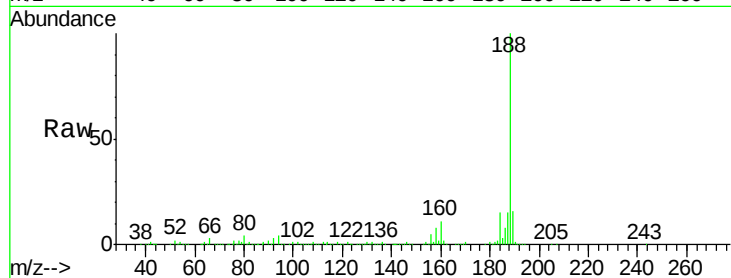
Tot Ion:188 Resp: 295818

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

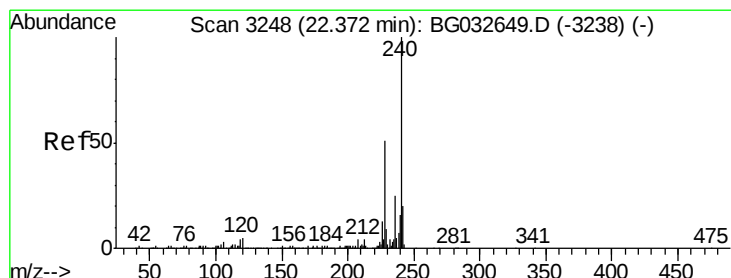
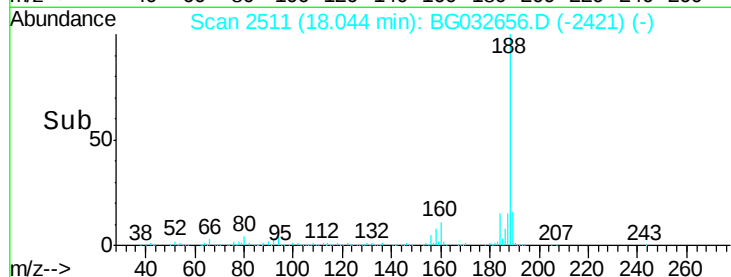
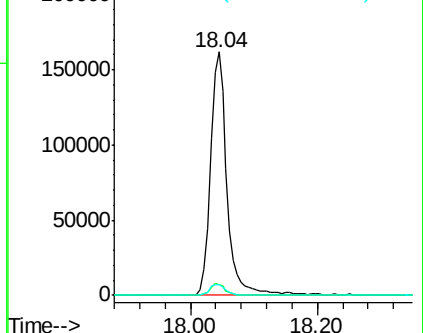
80 4.4 7.7 11.5#



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: 22.36 min Scan# 3246

Delta R.T. -0.01 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

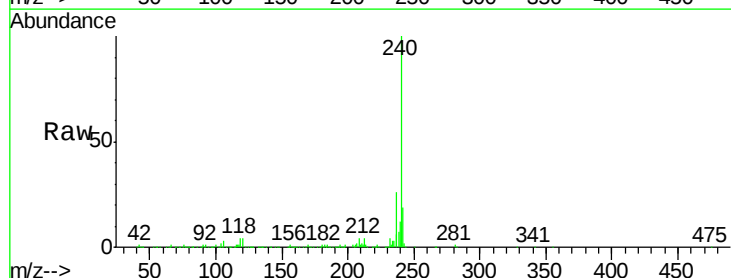
Tgt Ion:240 Resp: 377889

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

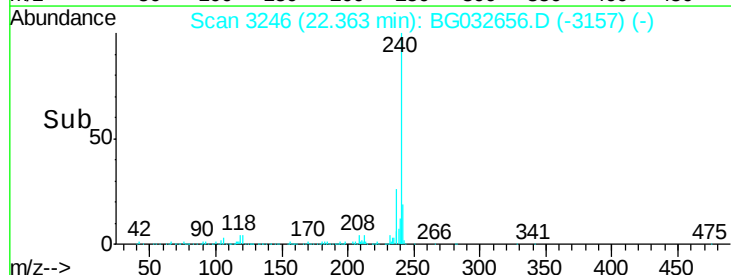
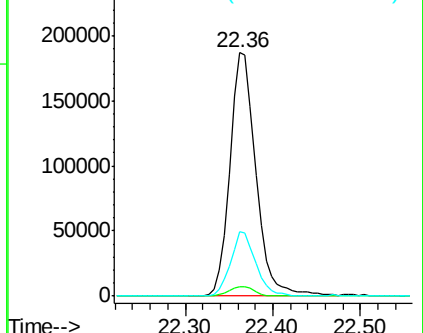
236 26.2 20.9 31.3

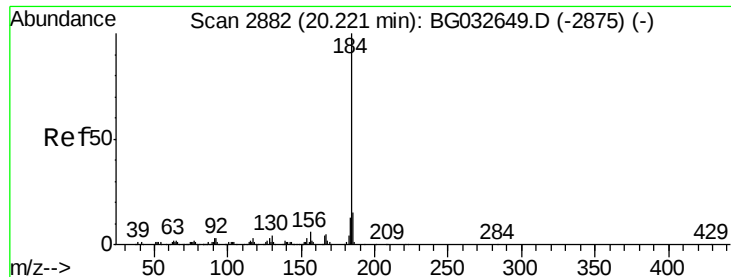


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 22.964 ng

RT: 20.22 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

Instrument :

BNA_G

ClientSampleId :

MW-1

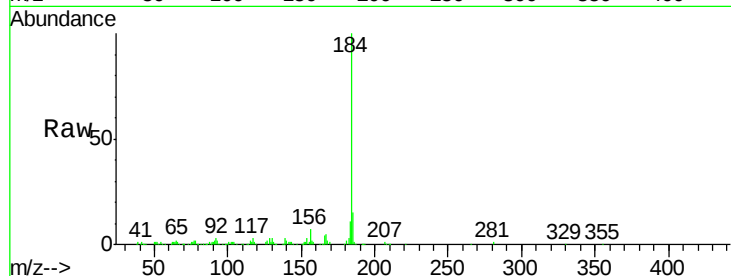
Tot Ion:184 Resp: 204343

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

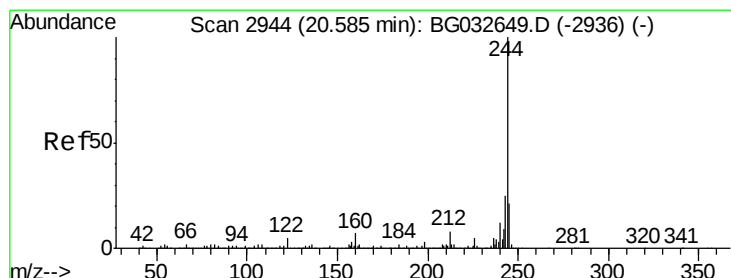
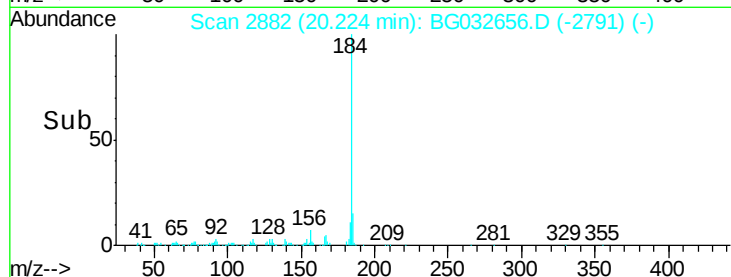
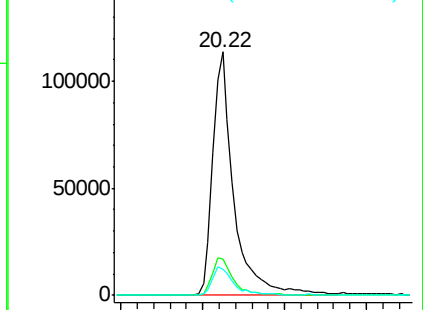
183 10.7 10.6 16.0



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: 84.140 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032656.D

Acq: 13 Feb 2018 12:18

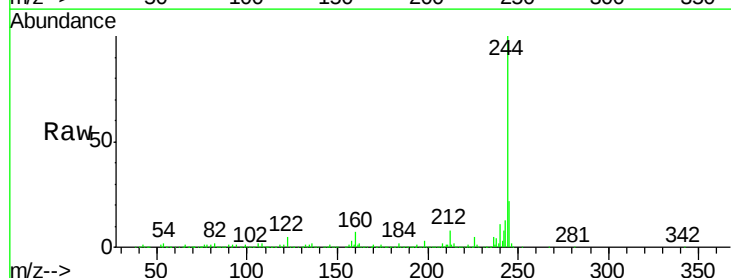
Tgt Ion:244 Resp: 1395021

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

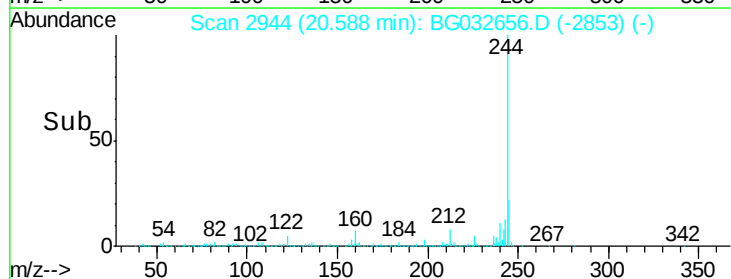
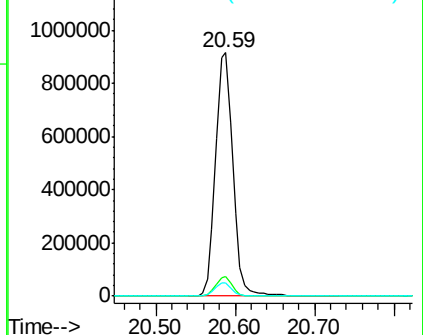
122 5.5 7.0 10.4#

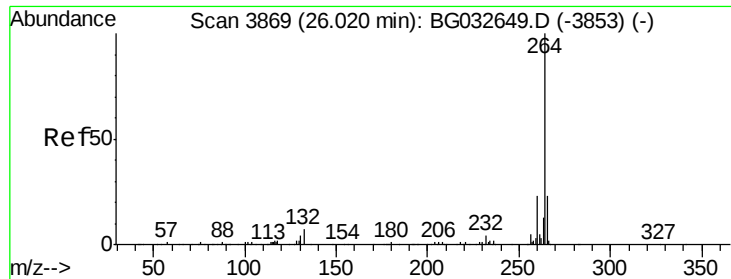


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.01 min Scan# 3867
Delta R.T. -0.01 min
Lab File: BG032656.D
Acq: 13 Feb 2018 12:18

Instrument :
BNA_G
ClientSampleId :
MW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	20.7	17.7	26.5

