

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
 Data File : BG021199.D
 Acq On : 2 Mar 2016 1:02
 Operator : UM/SJ
 Sample : H1577-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-B1-S2

Quant Time: Mar 02 02:15:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 17:40:25 2016
 Response via : Initial Calibration

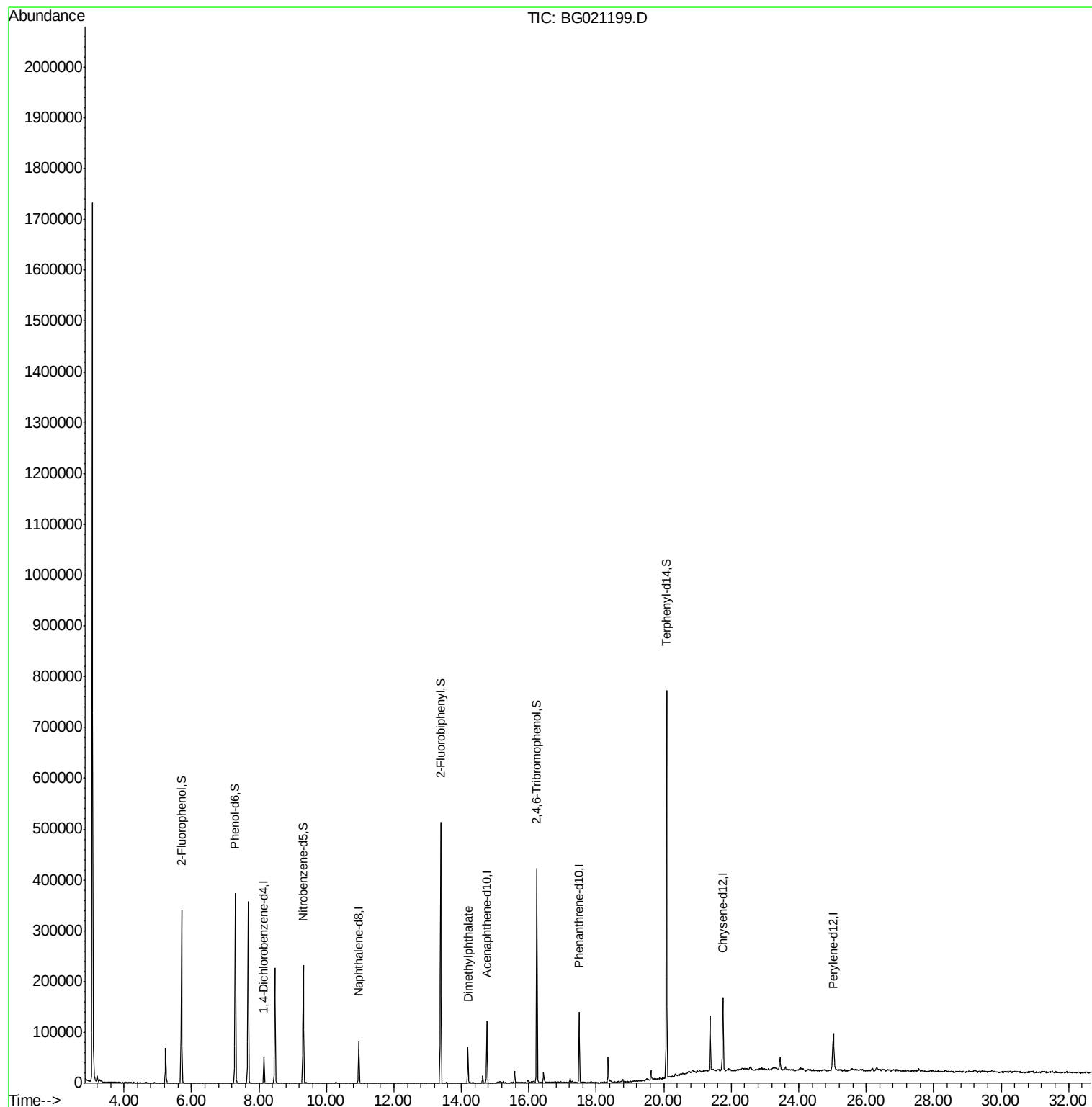
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	12832	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	64898	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	37893	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	77816	20.00	ng	0.00
75) Chrysene-d12	21.75	240	80073	20.00	ng	-0.01
86) Perylene-d12	25.02	264	73540	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	125734	155.77	ng	0.00
7) Phenol-d6	7.30	99	203611	153.41	ng	0.00
23) Nitrobenzene-d5	9.32	82	148437	96.78	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	56065	142.21	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	244146	91.49	ng	0.00
78) Terphenyl-d14	20.09	244	301830	91.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.20	163	39509	11.70	ng	100

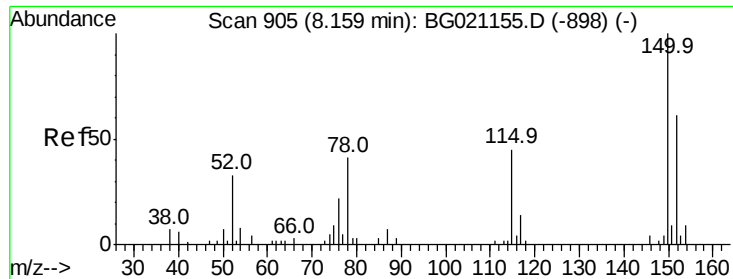
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S2

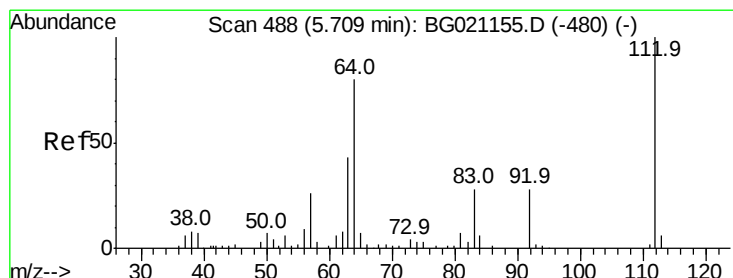
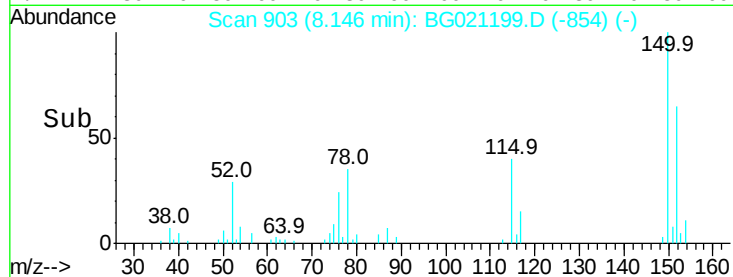
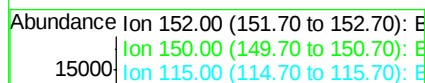
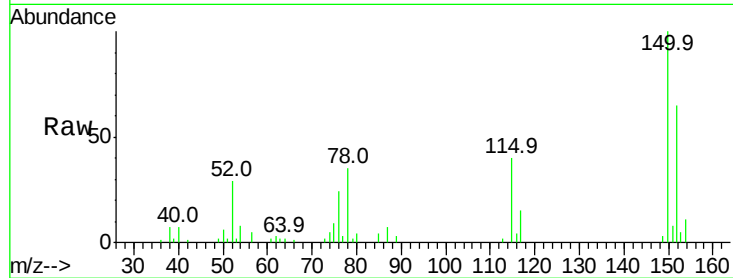
Tot Ion:152 Resp: 12832

Ion Ratio Lower Upper

152 100

150 154.5 123.4 185.2

115 62.1 43.3 64.9



#5

2-Fluorophenol

Concen: 155.77 ng

RT: 5.70 min Scan# 487

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

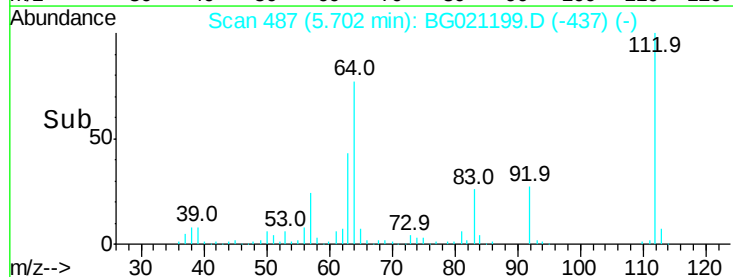
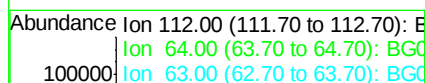
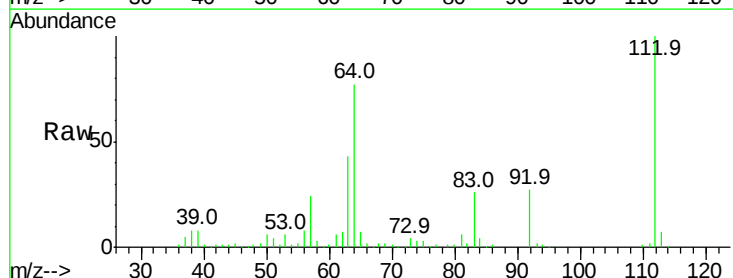
Tgt Ion:112 Resp: 125734

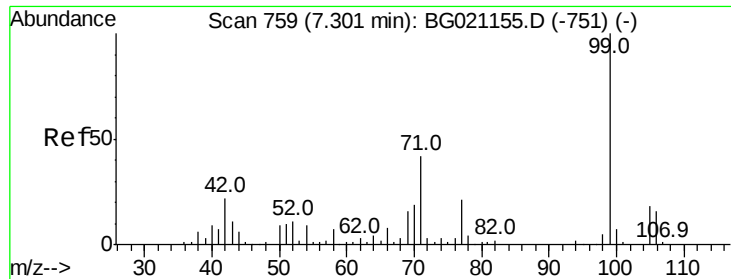
Ion Ratio Lower Upper

112 100

64 77.2 42.6 63.8#

63 42.7 21.7 32.5#





#7

Phenol-d6

Concen: 153.41 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.00 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S2

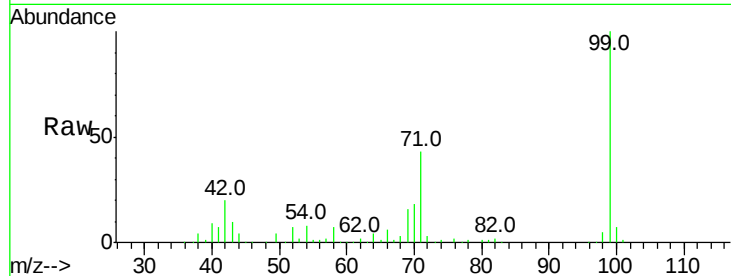
Tot Ion: 99 Resp: 203611

Ion Ratio Lower Upper

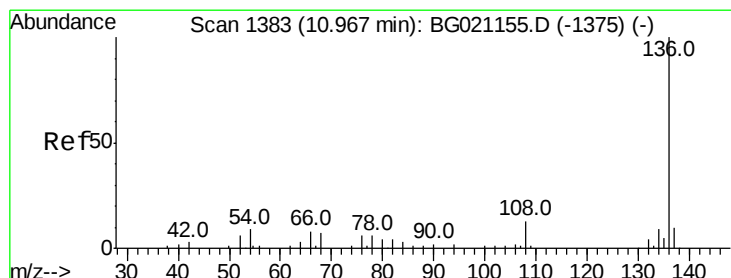
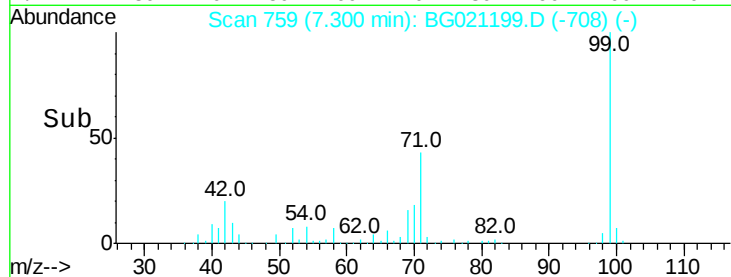
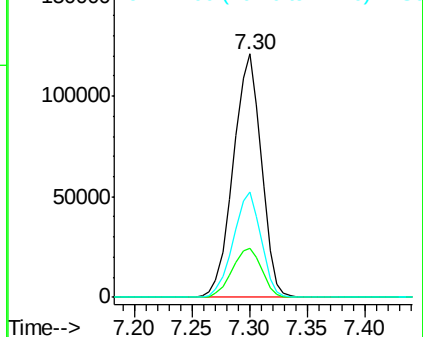
99 100

42 20.2 13.2 19.8#

71 43.0 25.2 37.8#



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: 20.00 ng

RT: 10.95 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

Tgt Ion:136 Resp: 64898

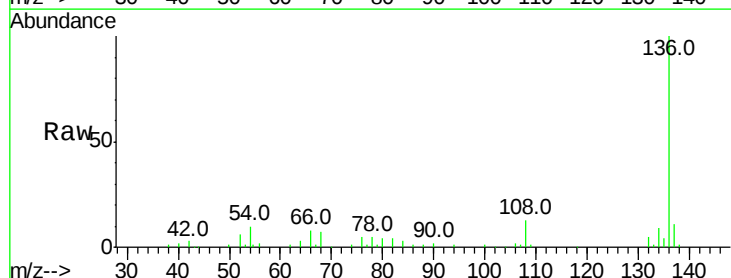
Ion Ratio Lower Upper

136 100

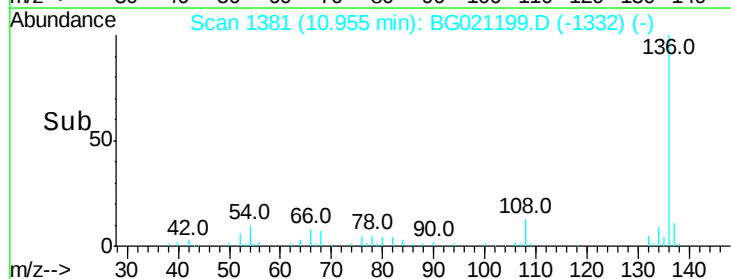
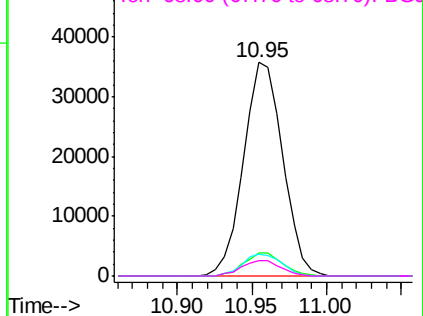
137 10.8 8.8 13.2

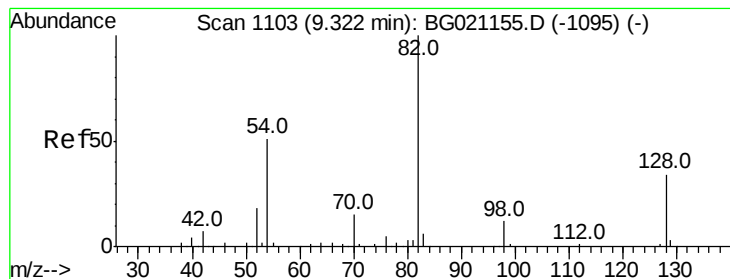
54 10.8 6.9 10.3#

68 7.5 5.8 8.6



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: 96.78 ng

RT: 9.32 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S2

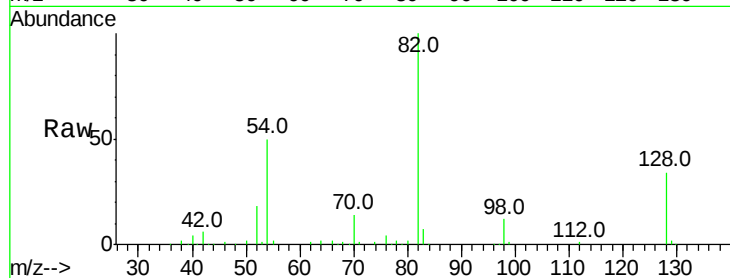
Tot Ion: 82 Resp: 148437

Ion Ratio Lower Upper

82 100

128 34.2 36.3 54.5#

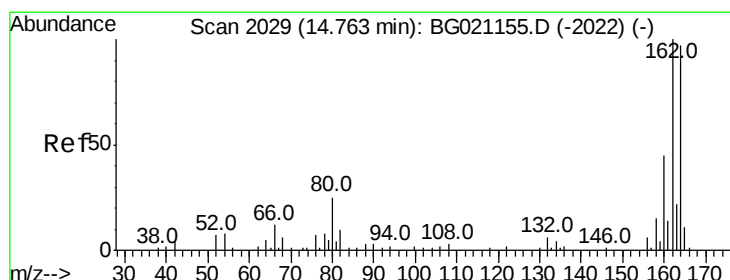
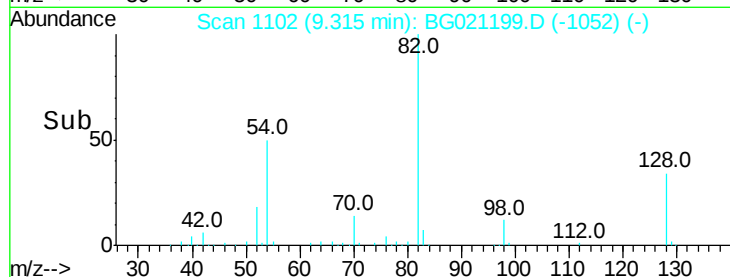
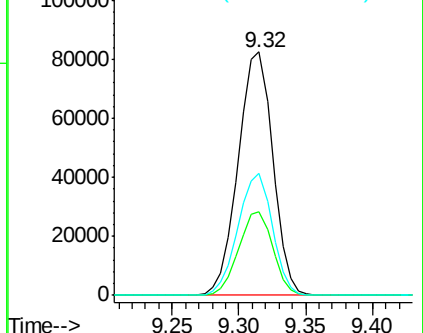
54 50.1 37.6 56.4



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: 20.00 ng

RT: 14.76 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

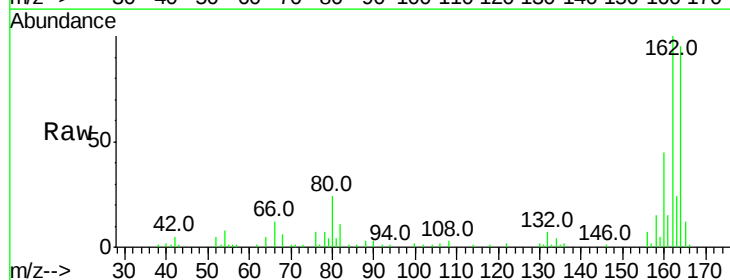
Tgt Ion:164 Resp: 37893

Ion Ratio Lower Upper

164 100

162 105.3 80.6 120.8

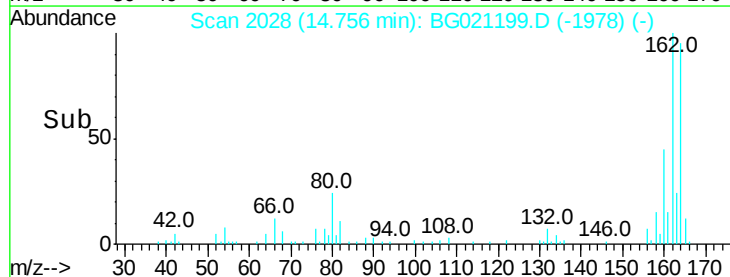
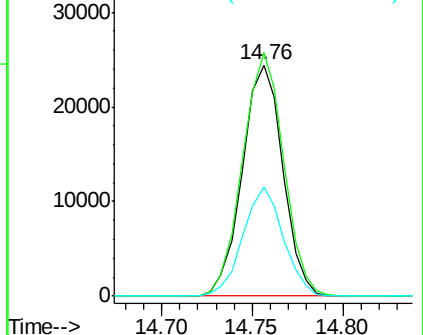
160 47.5 36.5 54.7

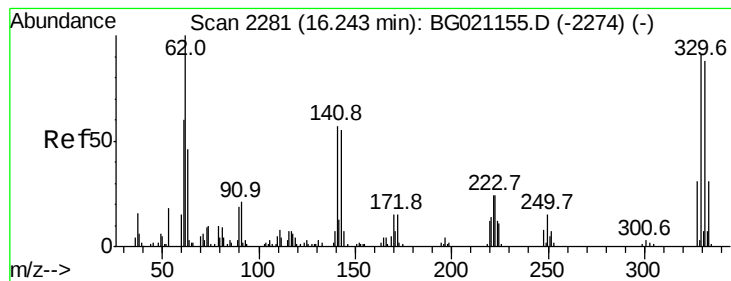


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 142.21 ng

RT: 16.24 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S2

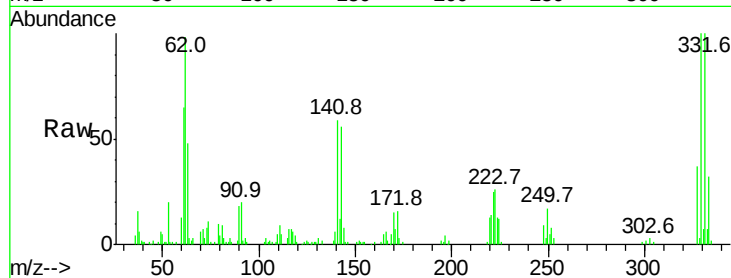
Tot Ion:330 Resp: 56065

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

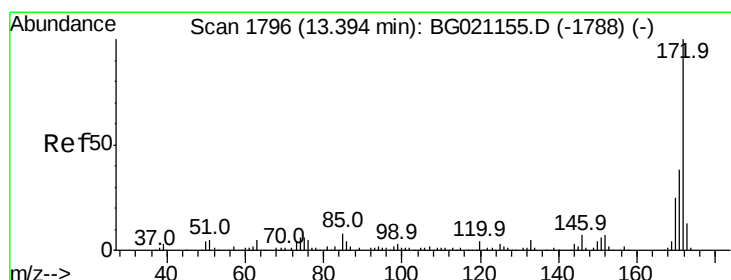
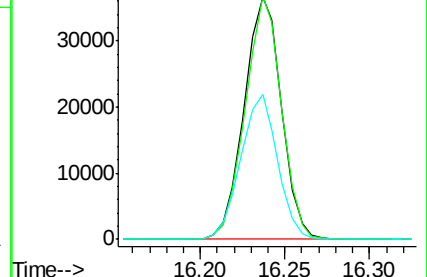
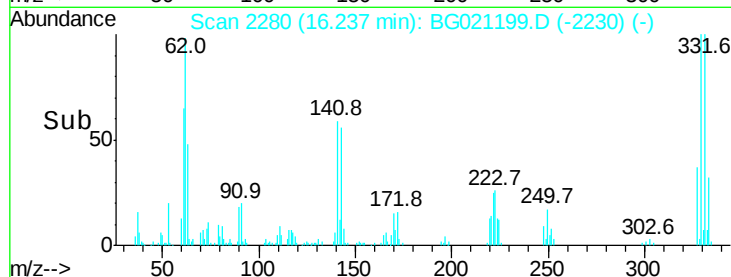
141 58.9 35.3 52.9#



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: 91.49 ng

RT: 13.39 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

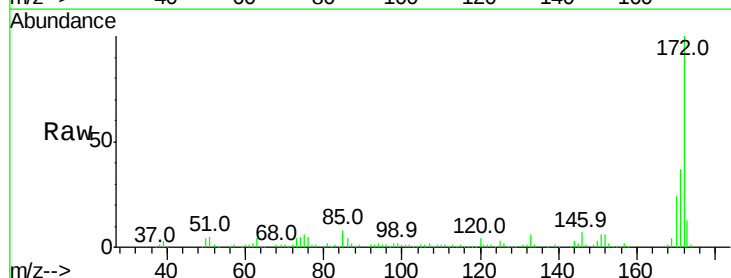
Tgt Ion:172 Resp: 244146

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

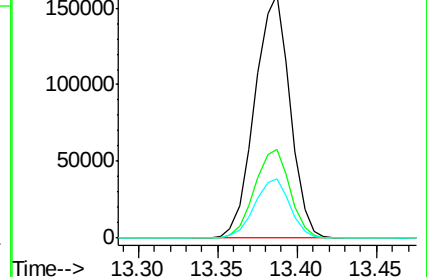
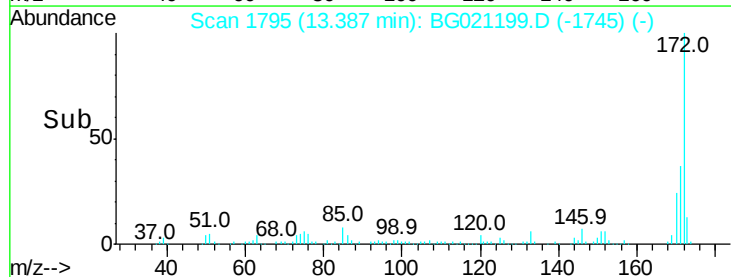
170 24.2 19.8 29.8

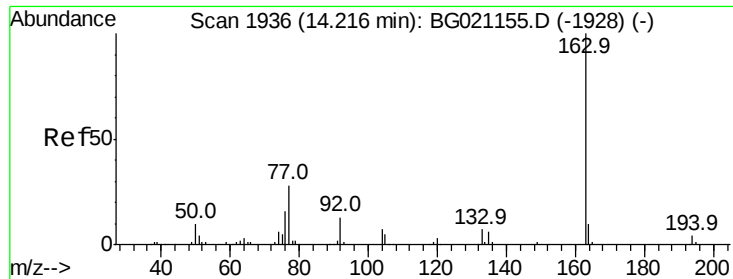


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

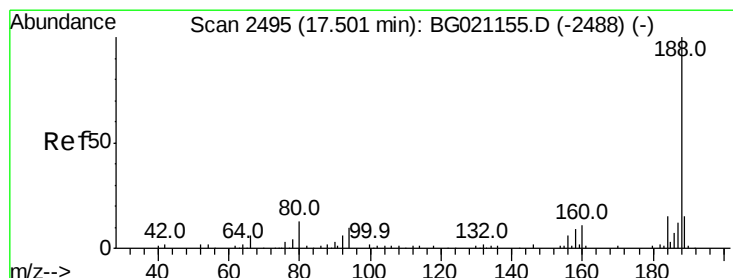
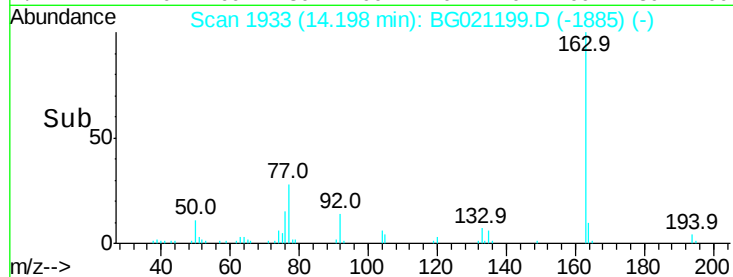
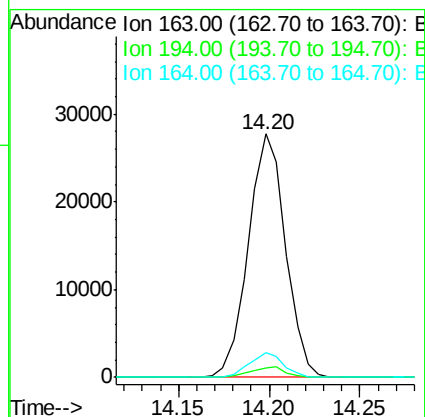
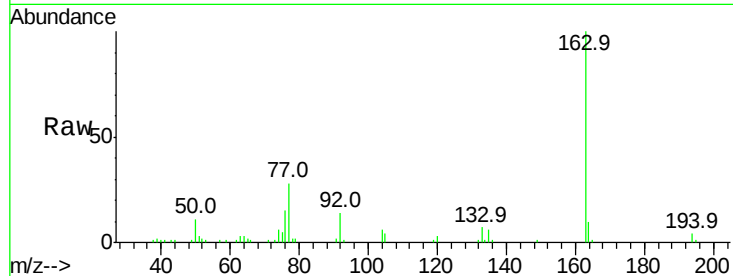




#49
Dimethylphthalate
Concen: 11.70 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG021199.D
Acq: 2 Mar 2016 1:02

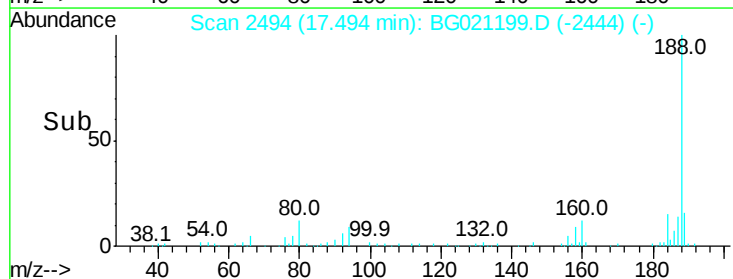
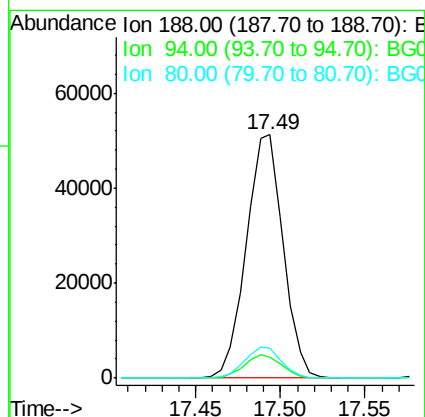
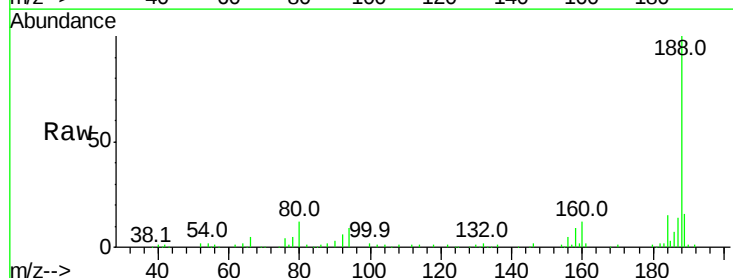
Instrument :
BNA_G
ClientSampleId :
TEC-B1-S2

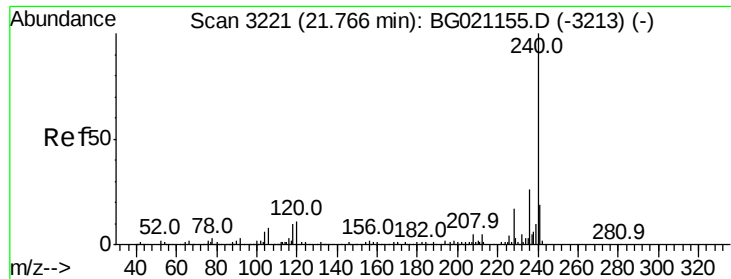
Tot Ion:163 Resp: 39509
Ion Ratio Lower Upper
163 100
194 4.1 2.8 4.2
164 9.9 7.9 11.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BG021199.D
Acq: 2 Mar 2016 1:02

Tgt Ion:188 Resp: 77816
Ion Ratio Lower Upper
188 100
94 8.7 8.2 12.4
80 12.4 9.2 13.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

Instrument :

BNA_G

ClientSampleId :

TEC-B1-S2

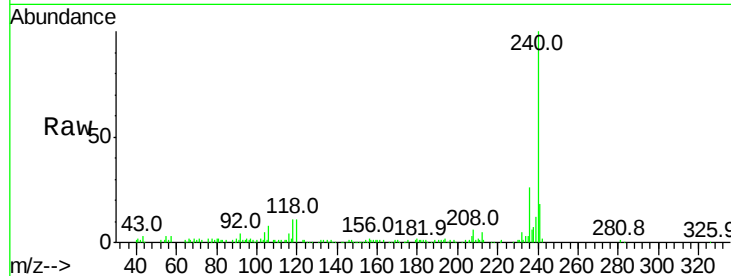
Tot Ion:240 Resp: 80073

Ion Ratio Lower Upper

240 100

120 10.5 7.5 11.3

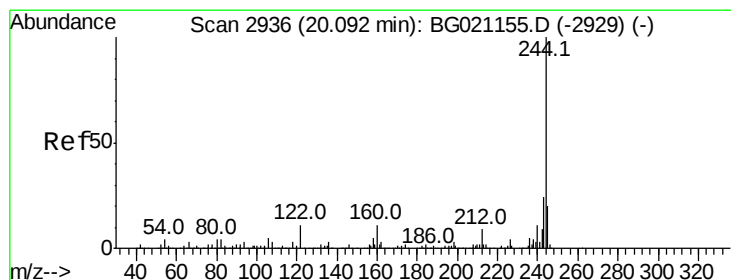
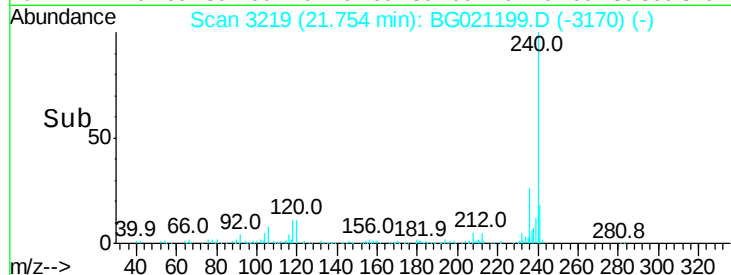
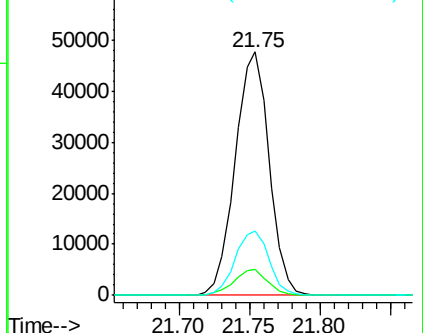
236 26.5 20.5 30.7



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: 91.32 ng

RT: 20.09 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BG021199.D

Acq: 2 Mar 2016 1:02

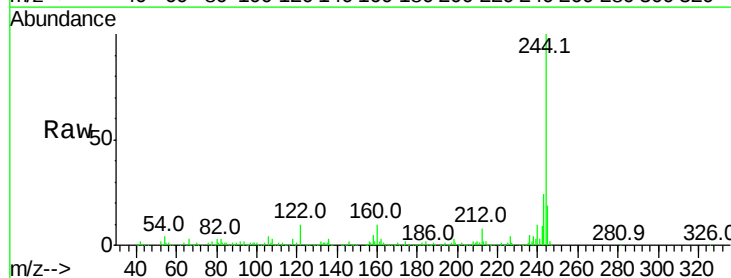
Tgt Ion:244 Resp: 301830

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

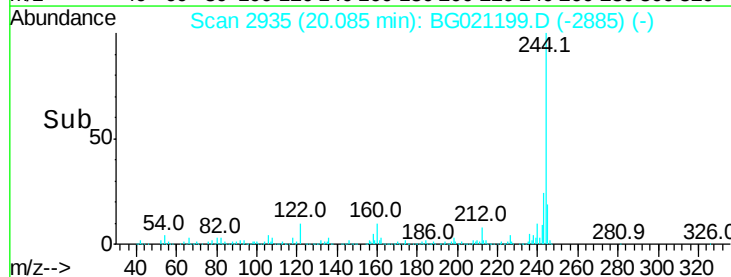
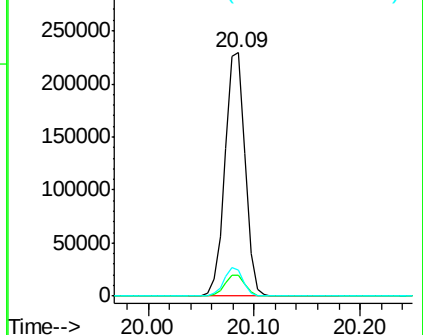
122 10.4 8.3 12.5

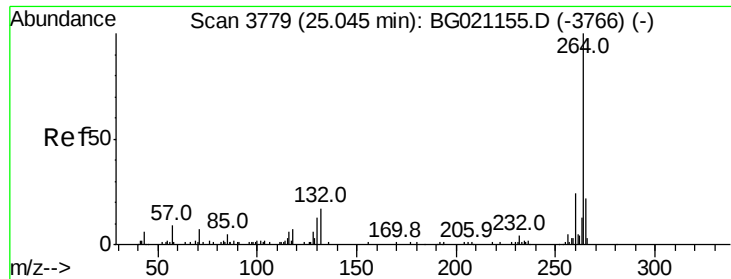


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. -0.02 min
Lab File: BG021199.D
Acq: 2 Mar 2016 1:02

Instrument :
BNA_G
ClientSampleId :
TEC-B1-S2

Tot Ion: 264 Resp: 73540

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.0	18.6	28.0

