

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022353.D
 Acq On : 15 Jun 2016 4:02
 Operator : UM/SJ
 Sample : H3492-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Quant Time: Jun 15 07:01:10 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

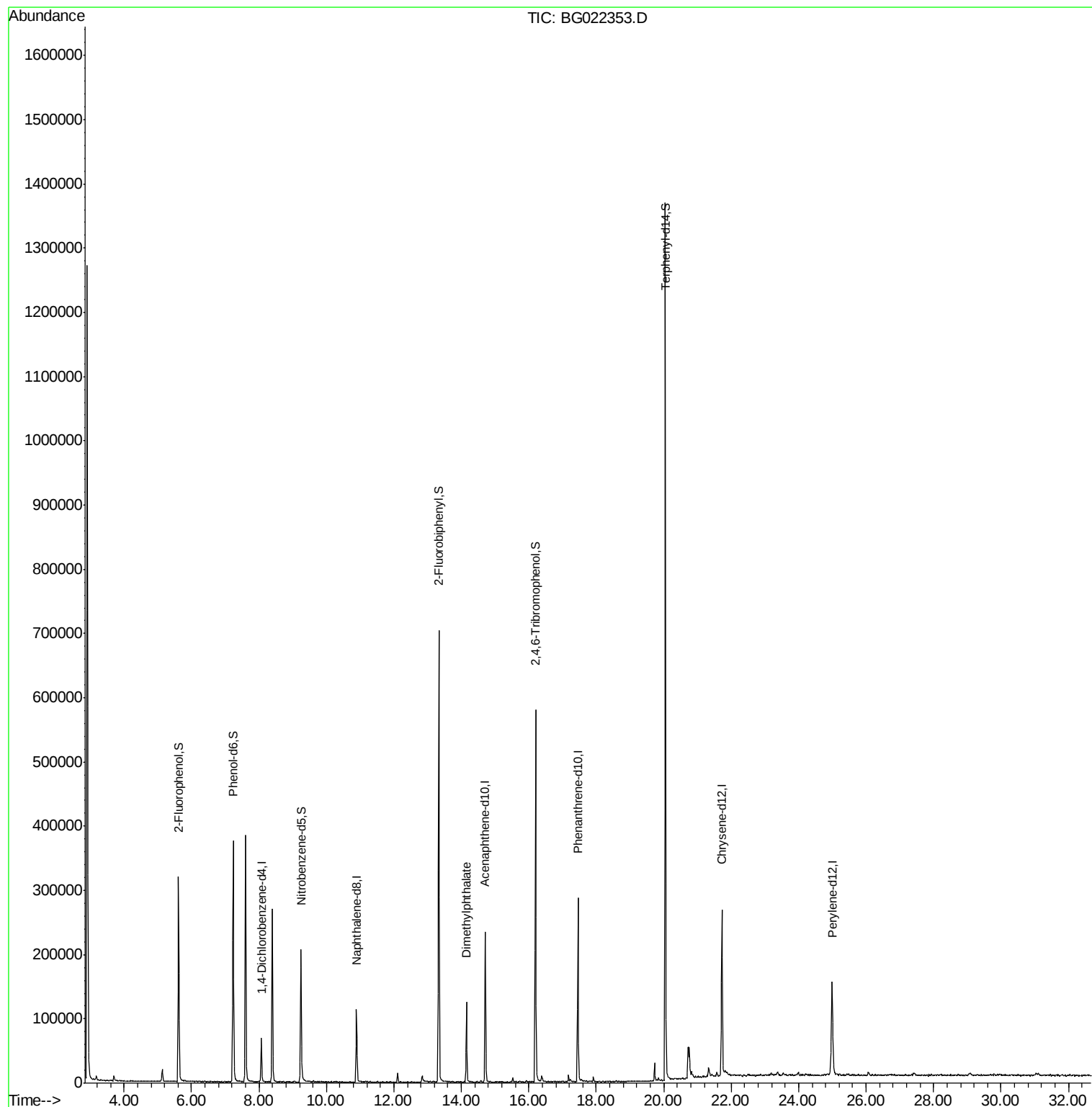
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25254	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	130492	20.00	ng	-0.02
38) Acenaphthene-d10	14.71	164	90483	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	203879	20.00	ng	-0.01
75) Chrysene-d12	21.72	240	175906	20.00	ng	-0.02
86) Perylene-d12	24.99	264	162433	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	211261	161.74	ng	-0.02
7) Phenol-d6	7.23	99	327051	159.25	ng	-0.02
23) Nitrobenzene-d5	9.24	82	169164	90.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.20	330	128110	125.30	ng	-0.02
44) 2-Fluorobiphenyl	13.33	172	433727	73.05	ng	-0.01
78) Terphenyl-d14	20.05	244	629510	84.96	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	14.15	163	107788	14.37	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

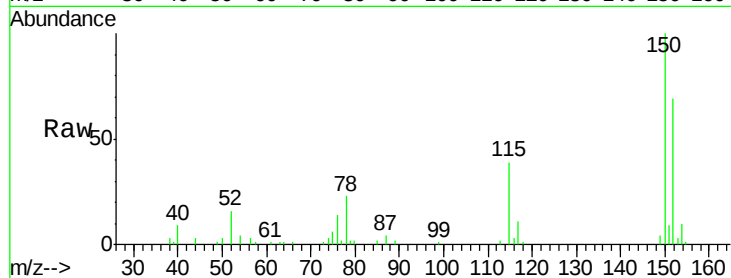
Tot Ion:152 Resp: 25254

Ion Ratio Lower Upper

152 100

150 145.7 130.1 195.1

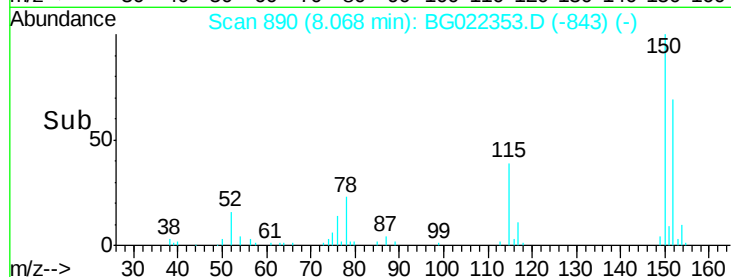
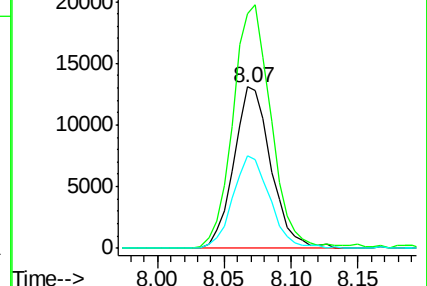
115 57.2 62.2 93.2#



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: 161.74 ng

RT: 5.62 min Scan# 473

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

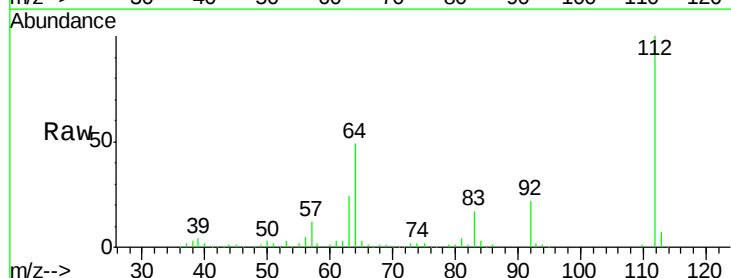
Tgt Ion:112 Resp: 211261

Ion Ratio Lower Upper

112 100

64 48.9 51.1 76.7#

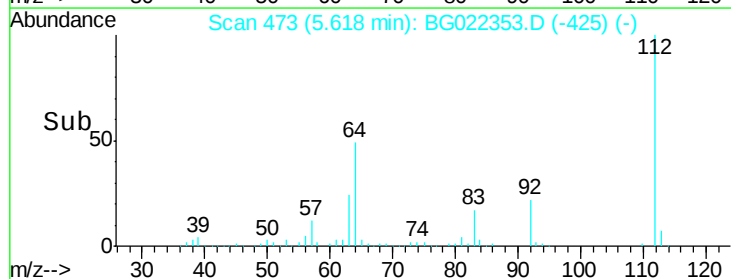
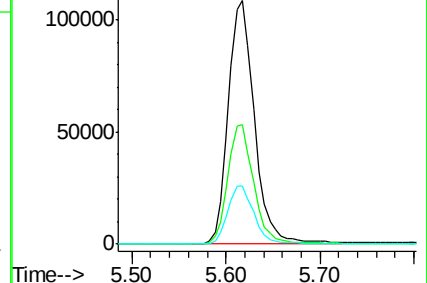
63 23.6 24.6 37.0#



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: 159.25 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

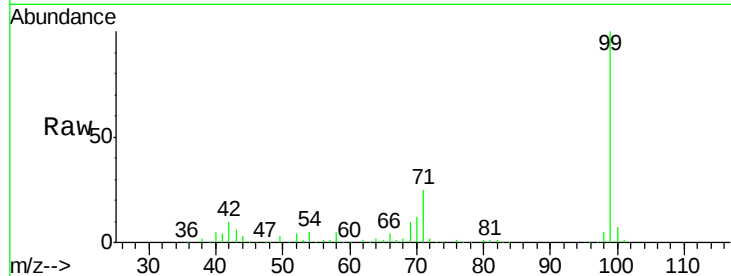
Tot Ion: 99 Resp: 327051

Ion Ratio Lower Upper

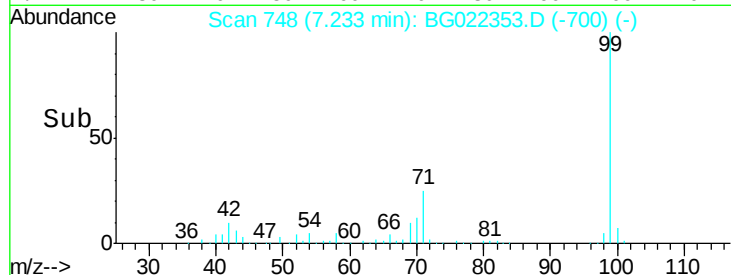
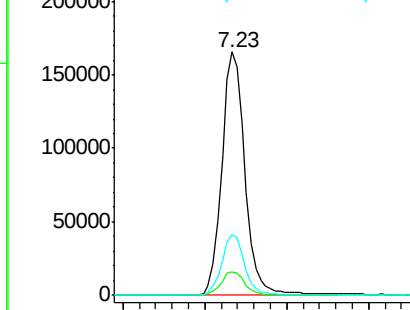
99 100

42 9.7 16.4 24.6#

71 25.1 25.0 37.4



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: 10.89 min Scan# 1370

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

Tgt Ion: 136 Resp: 130492

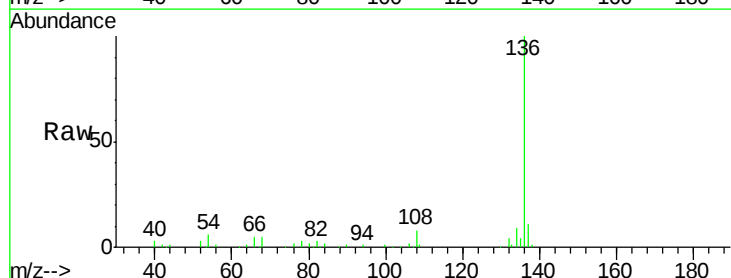
Ion Ratio Lower Upper

136 100

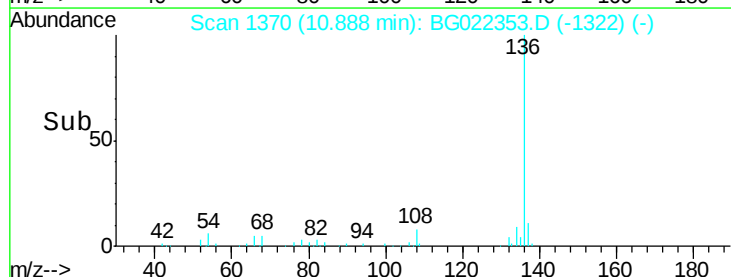
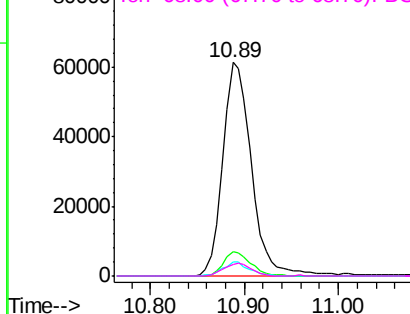
137 11.4 9.0 13.4

54 6.4 9.6 14.4#

68 5.5 6.4 9.6#



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: 90.38 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

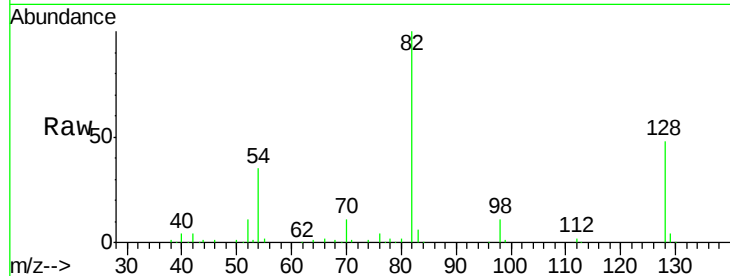
Tot Ion: 82 Resp: 169164

Ion Ratio Lower Upper

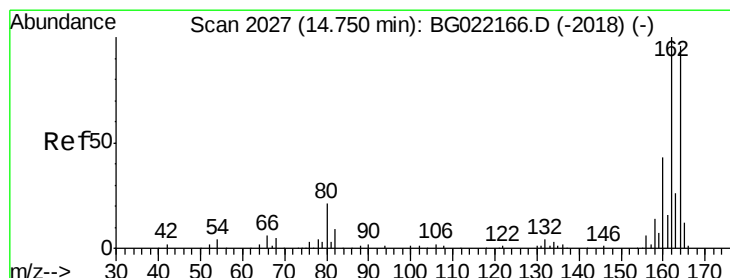
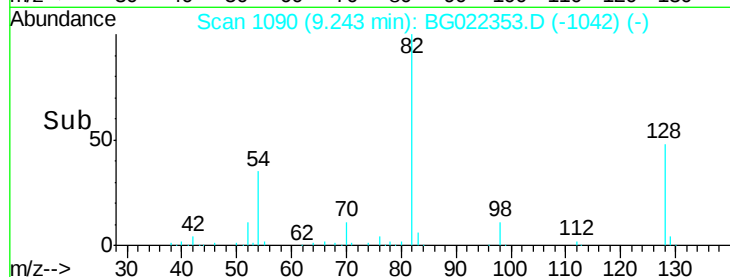
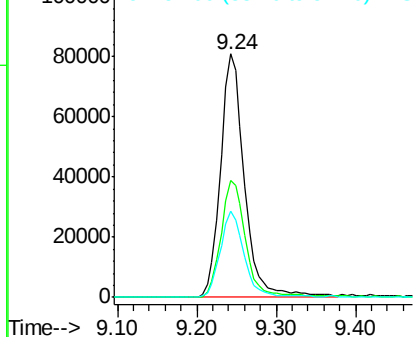
82 100

128 47.9 33.4 50.0

54 35.4 46.1 69.1#



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: 14.71 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

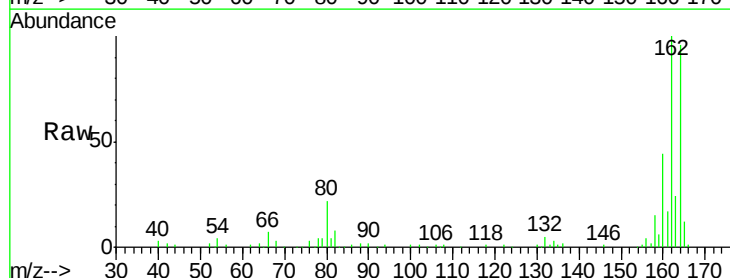
Tgt Ion:164 Resp: 90483

Ion Ratio Lower Upper

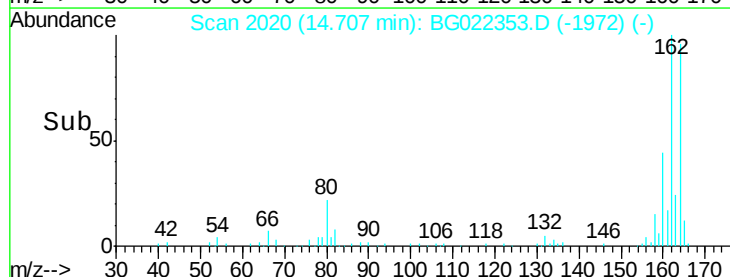
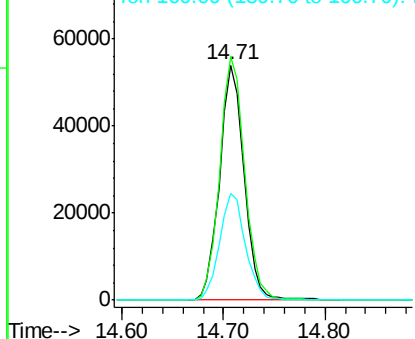
164 100

162 103.7 78.0 117.0

160 45.5 32.9 49.3



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: 125.30 ng

RT: 16.20 min Scan# 2274

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

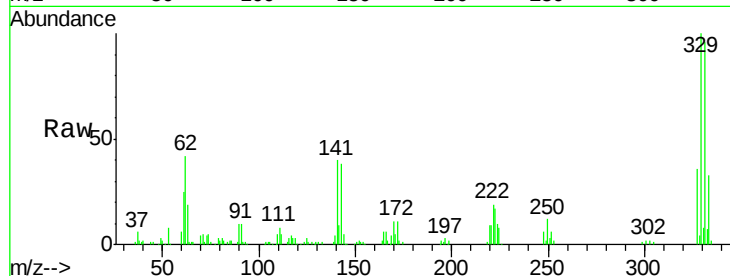
Tot Ion:330 Resp: 128110

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

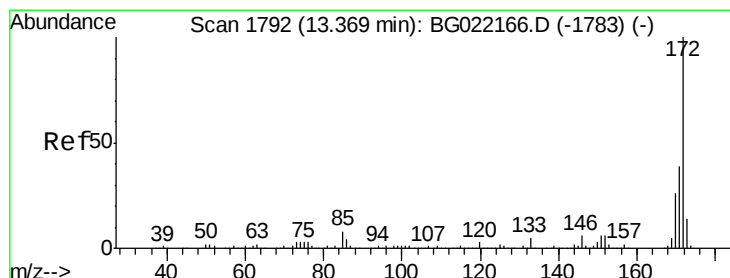
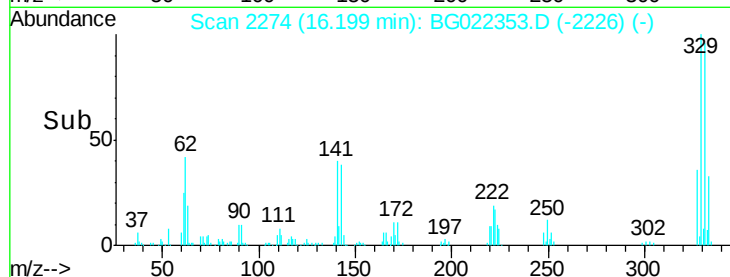
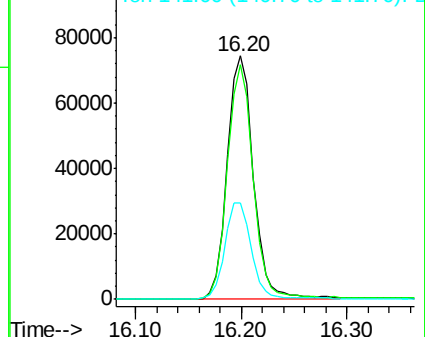
141 40.2 33.8 50.8



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: 73.05 ng

RT: 13.33 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

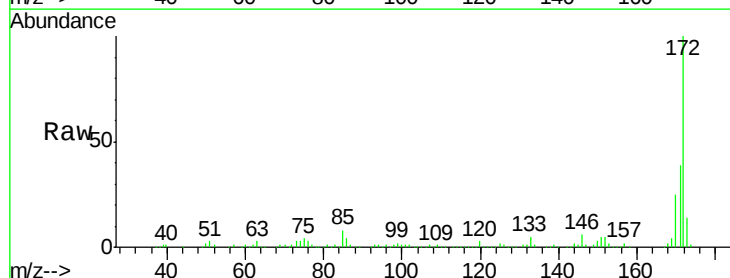
Tgt Ion:172 Resp: 433727

Ion Ratio Lower Upper

172 100

171 39.0 27.8 41.6

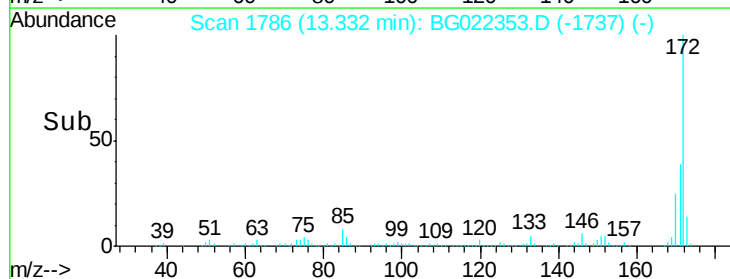
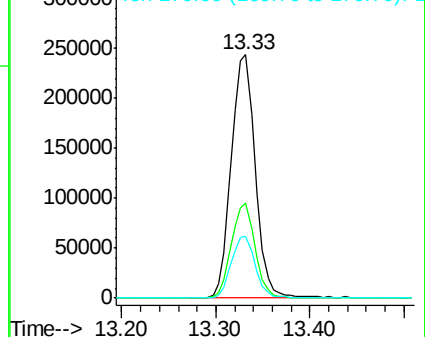
170 25.2 19.6 29.4



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

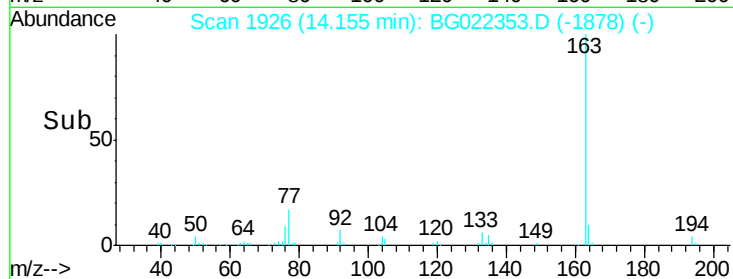
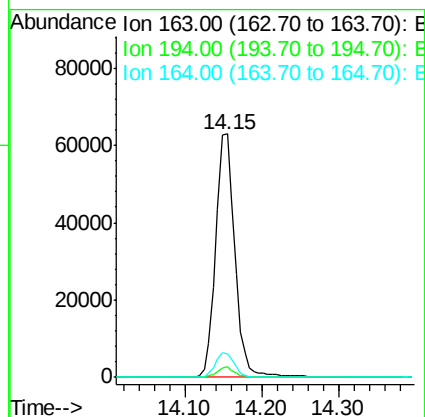
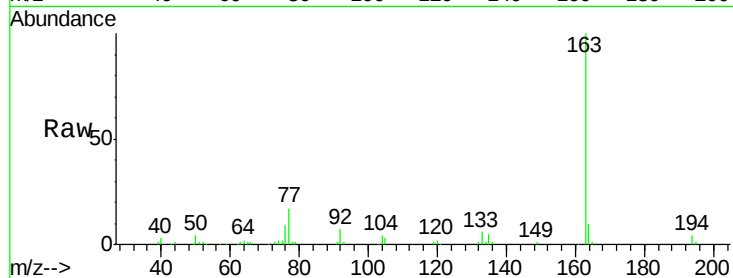




#49
Dimethylphthalate
Concen: 14.37 ng
RT: 14.15 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG022353.D
Acq: 15 Jun 2016 4:02

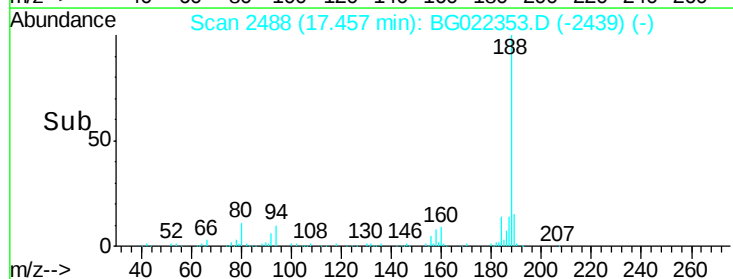
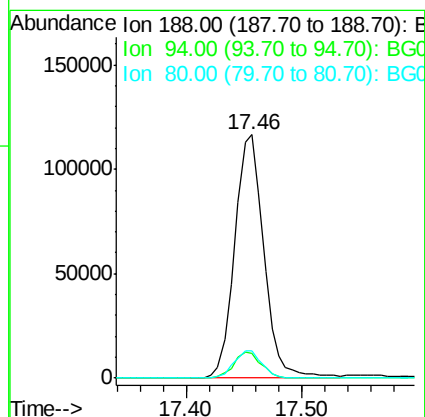
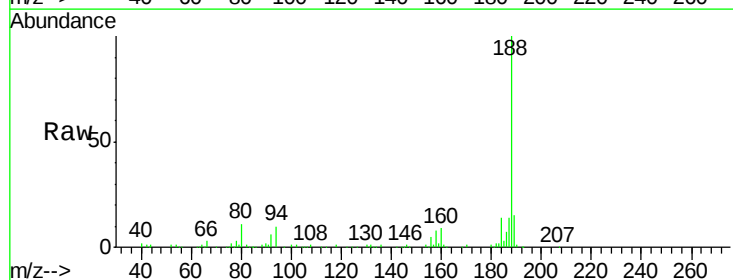
Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

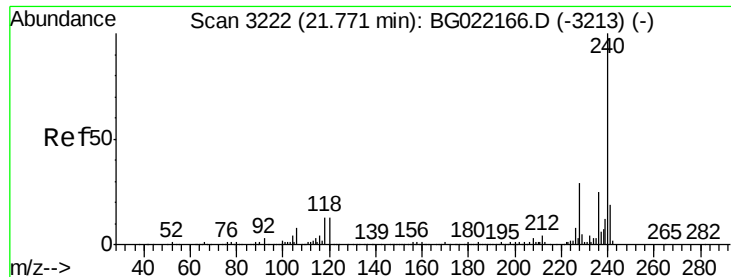
Tot Ion:163 Resp: 107788
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.8 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.46 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BG022353.D
Acq: 15 Jun 2016 4:02

Tgt Ion:188 Resp: 203879
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 11.1 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.02 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

Instrument :

BNA_G

ClientSampleId :

SB-02-COMP

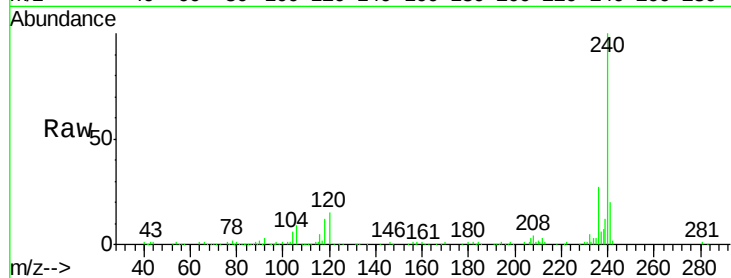
Tot Ion:240 Resp: 175906

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

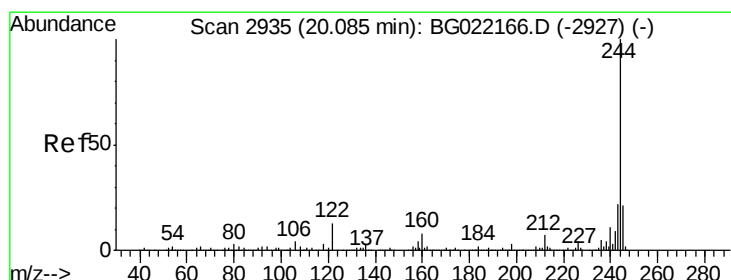
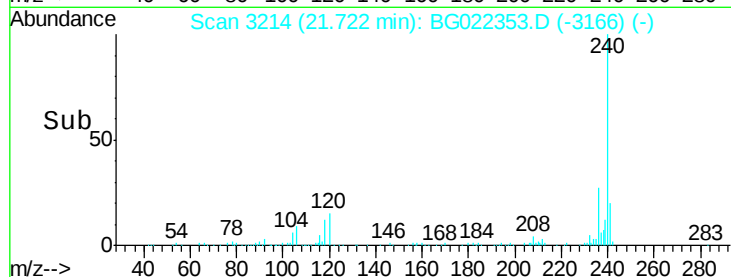
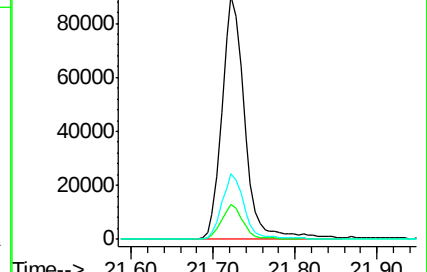
236 26.9 19.6 29.4



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: 84.96 ng

RT: 20.05 min Scan# 2929

Delta R.T. -0.01 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

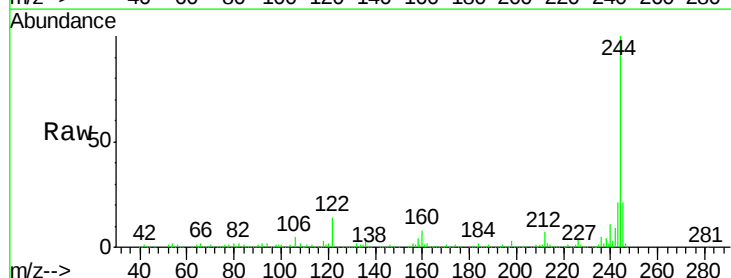
Tgt Ion:244 Resp: 629510

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

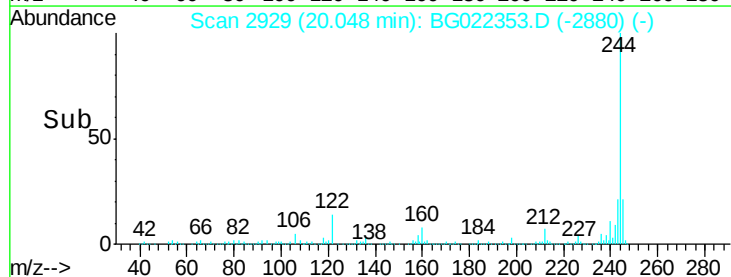
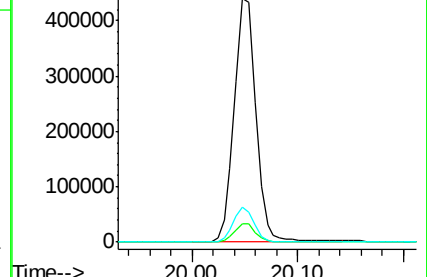
122 14.3 8.6 12.8#

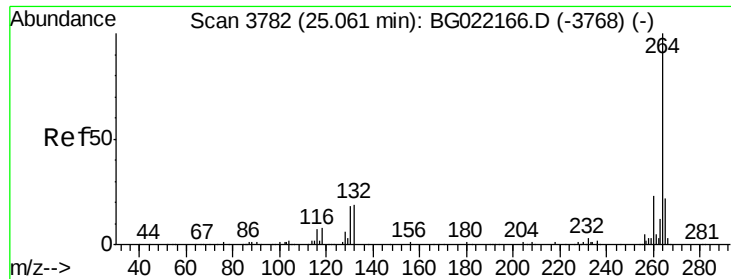


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.99 min Scan# 3770
 Delta R.T. -0.02 min
 Lab File: BG022353.D
 Acq: 15 Jun 2016 4:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.4
265	22.3	17.8	26.8

