

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

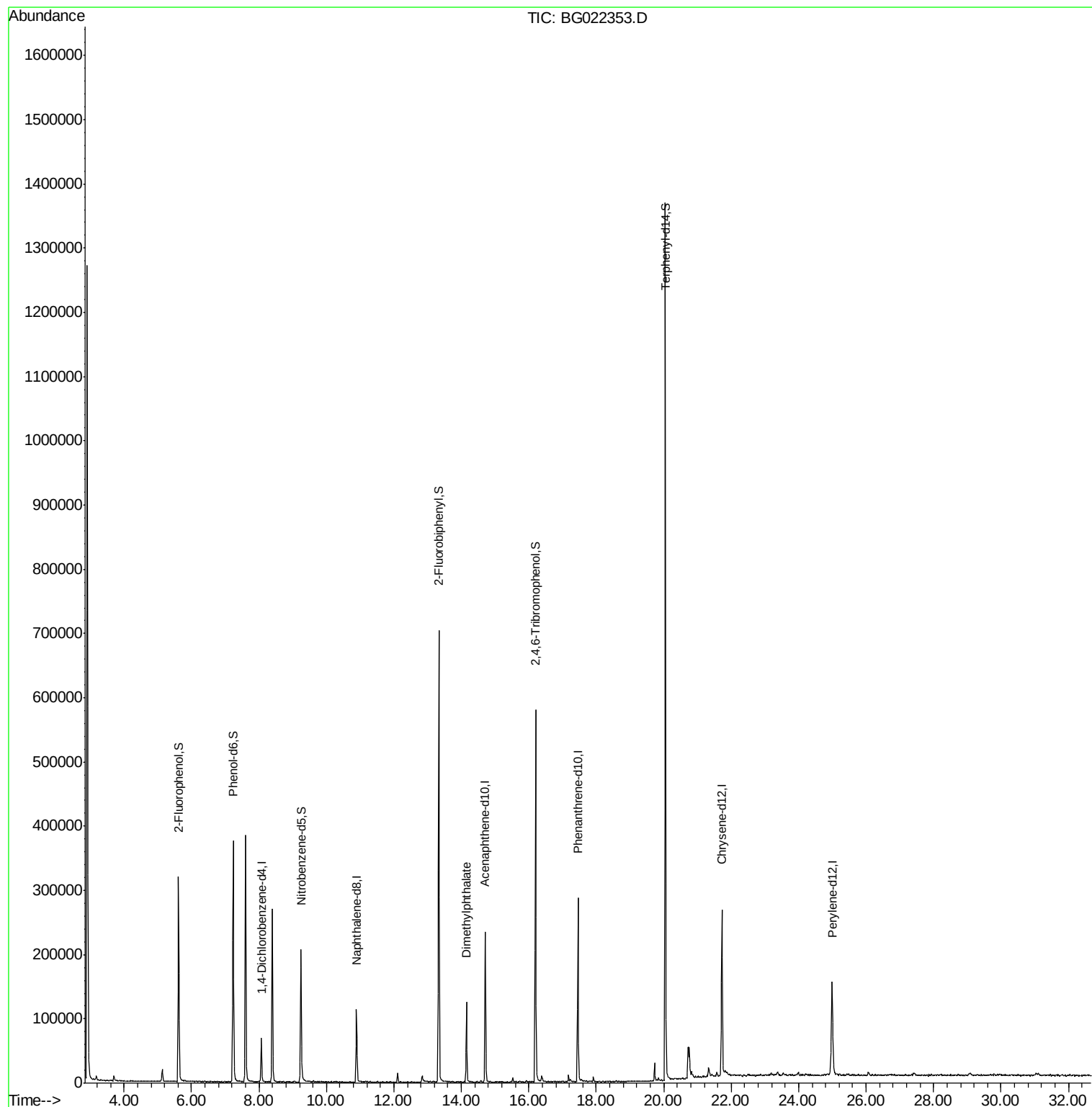
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	25254	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	130492	20.00	ng	-0.02
38) Acenaphthene-d10	14.71	164	90483	20.00	ng	-0.02
63) Phenanthrene-d10	17.46	188	203879	20.00	ng	-0.01
75) Chrysene-d12	21.72	240	175906	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						
49) Dimethylphthalate	14.15	163	107788	14.37	ng	Qvalue 99

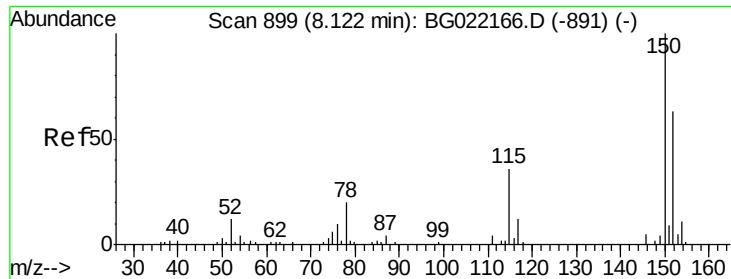
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

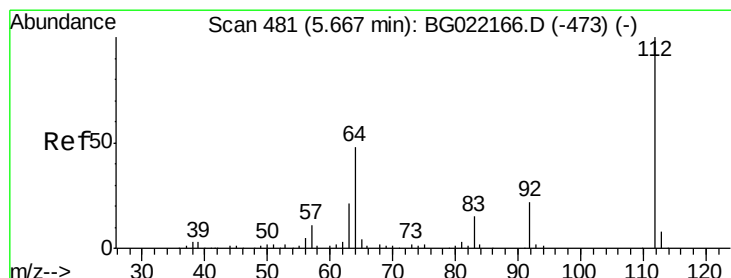
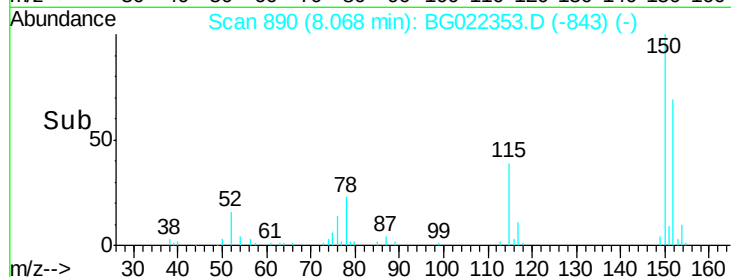
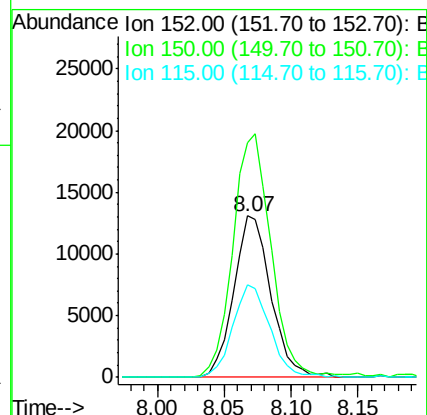
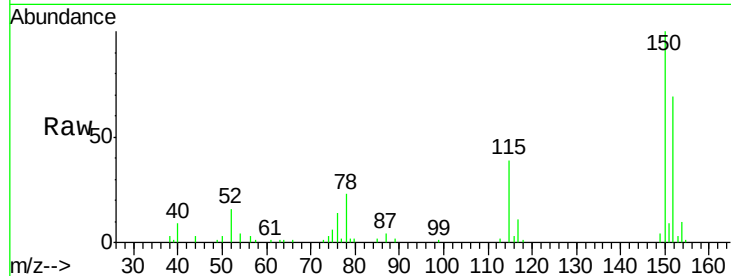
Tgt Ion:152 Resp: 25254

Ion Ratio Lower Upper

152 100

150 145.7 130.1 195.1

115 57.2 62.2 93.2#



#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

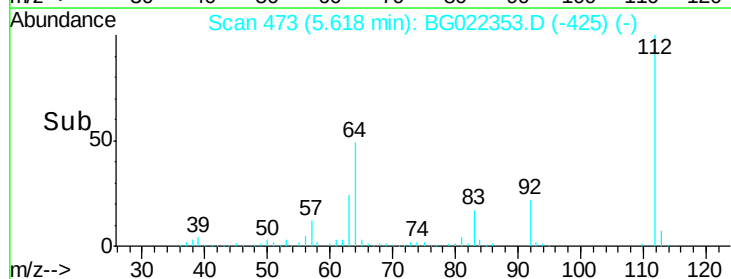
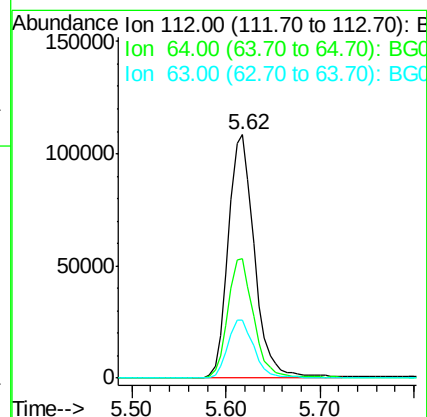
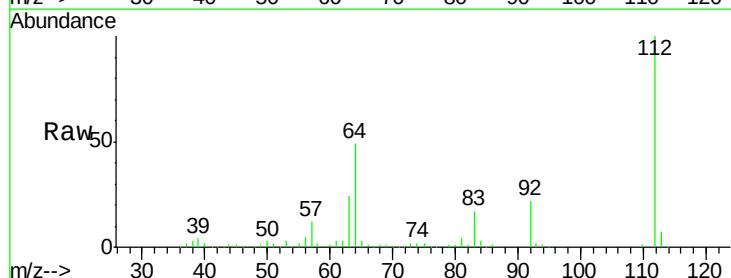
Tgt Ion:112 Resp: 211261

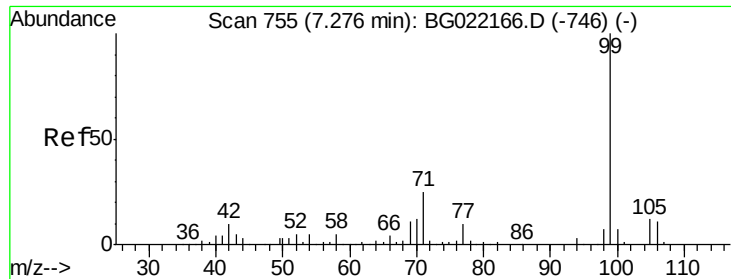
Ion Ratio Lower Upper

112 100

64 48.9 51.1 76.7#

63 23.6 24.6 37.0#





#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

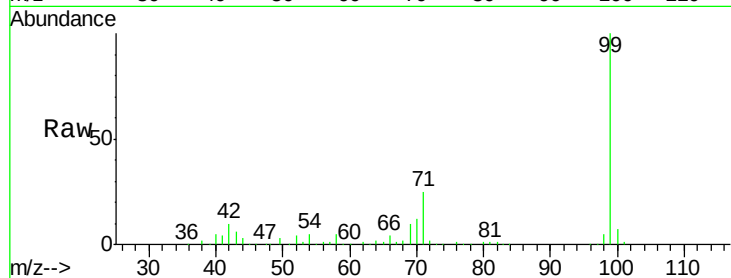
Tgt Ion: 99 Resp: 327051

Ion Ratio Lower Upper

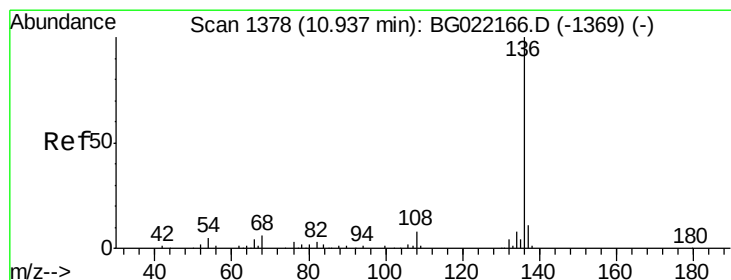
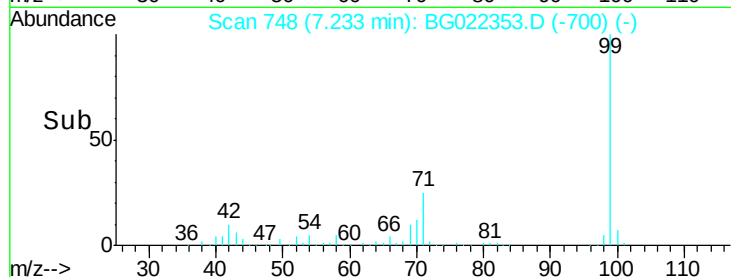
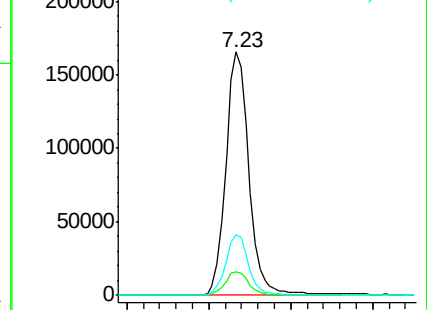
99 100

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

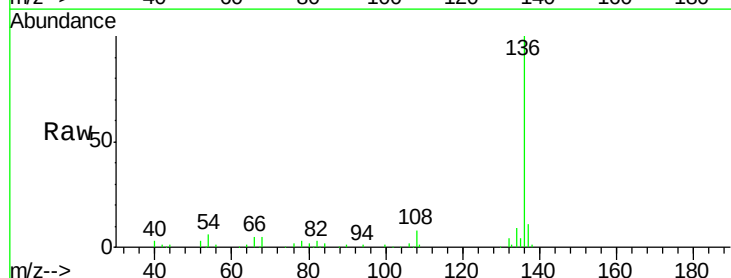
Ion Ratio Lower Upper

136 100

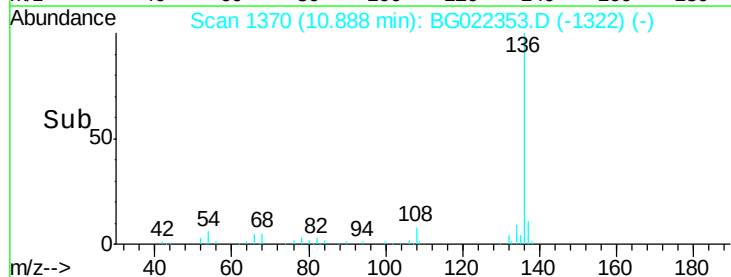
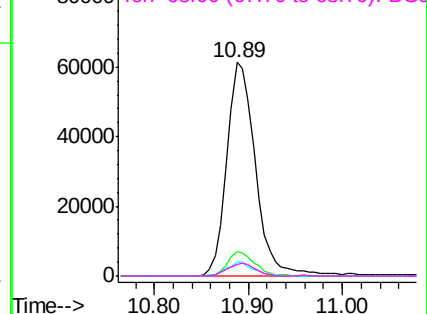
137 11.4 9.0 13.4

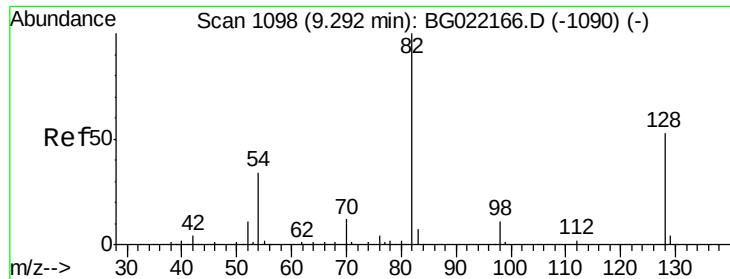
54 6.4 9.6 14.4#

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

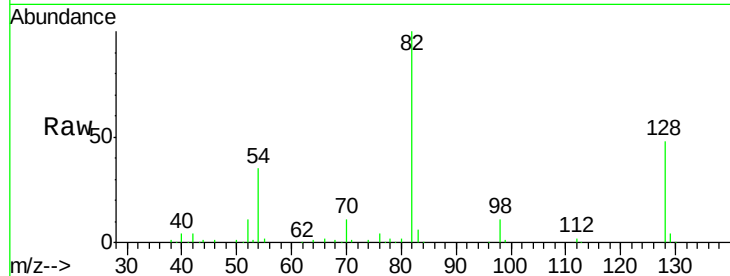
Tgt Ion: 82 Resp: 169164

Ion Ratio Lower Upper

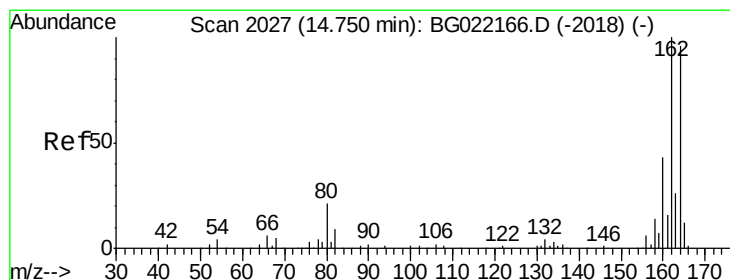
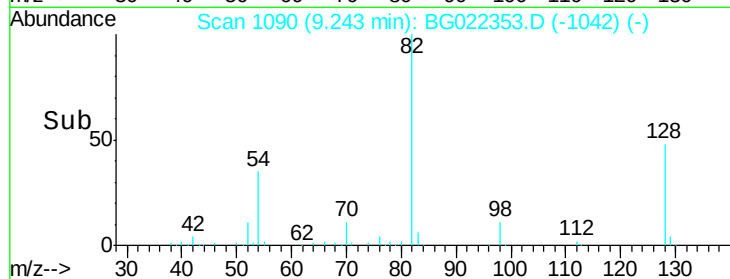
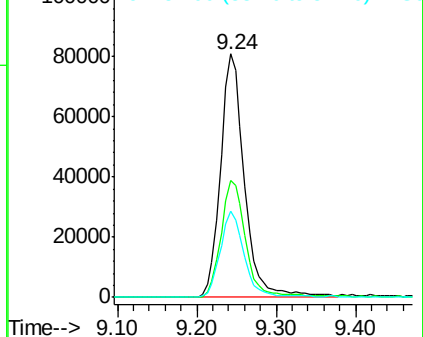
82 100

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

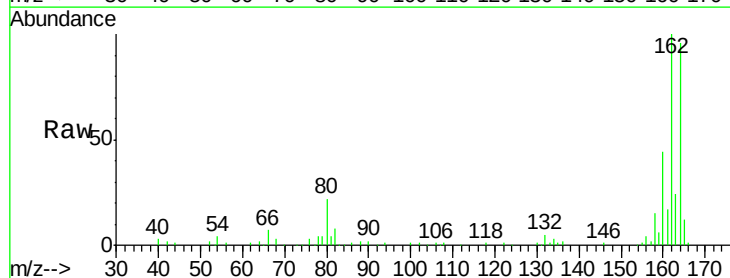
Tgt Ion: 164 Resp: 90483

Ion Ratio Lower Upper

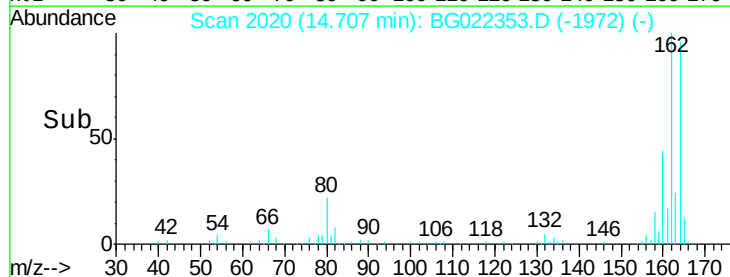
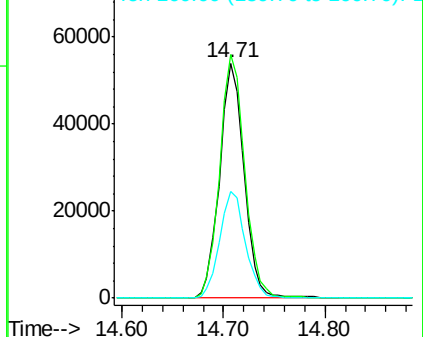
164 100

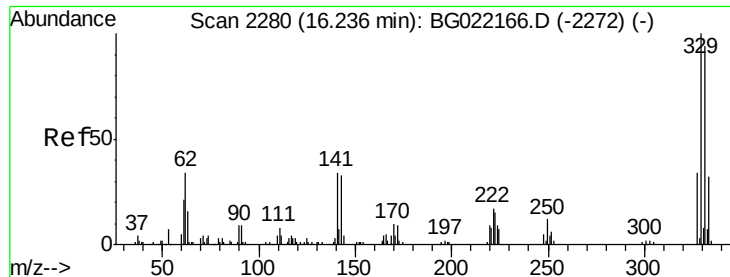
162 103.7 78.0 117.0

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

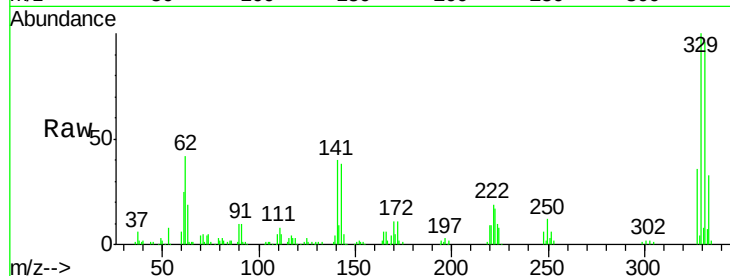




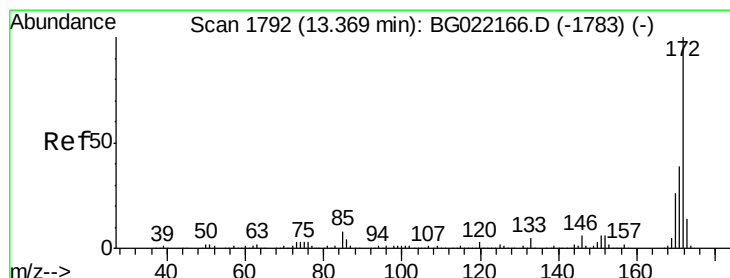
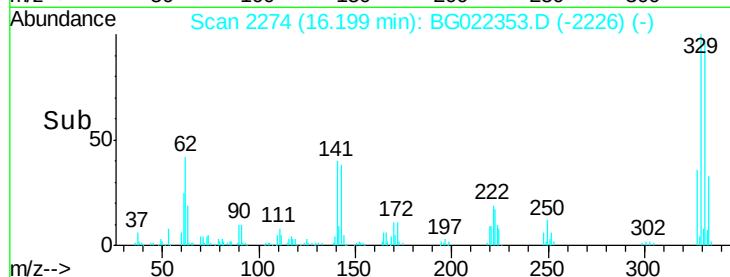
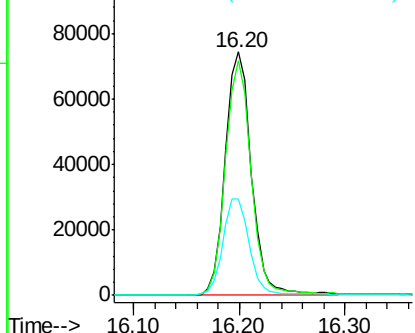
#41
 2,4,6-Tribromophenol
 Concen: 125.30 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.02 min
 Lab File: BG022353.D
 Acq: 15 Jun 2016 4:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	40.2	33.8	50.8

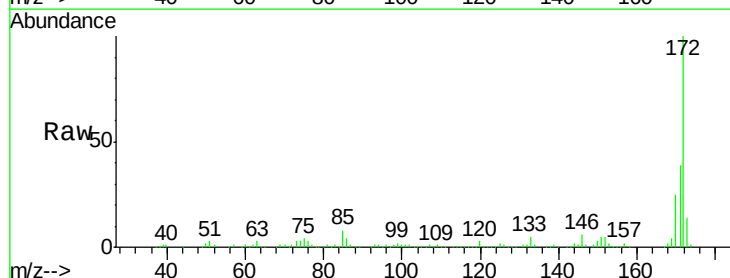


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

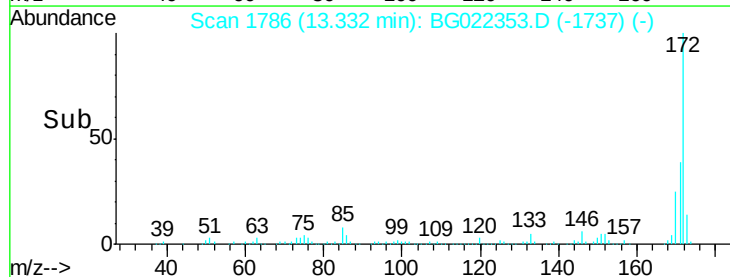
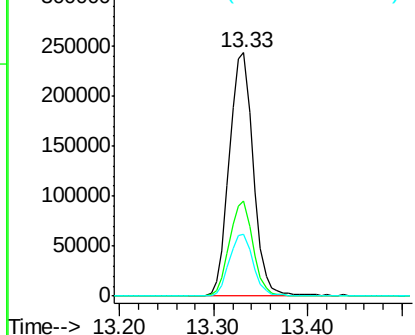


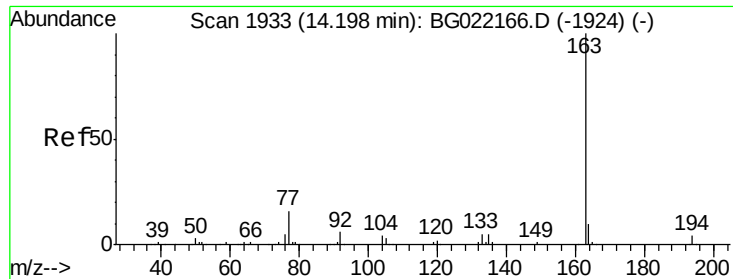
#44
 2-Fluorobiphenyl
 Concen: 73.05 ng
 RT: 13.33 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG022353.D
 Acq: 15 Jun 2016 4:02

Tgt Ion	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

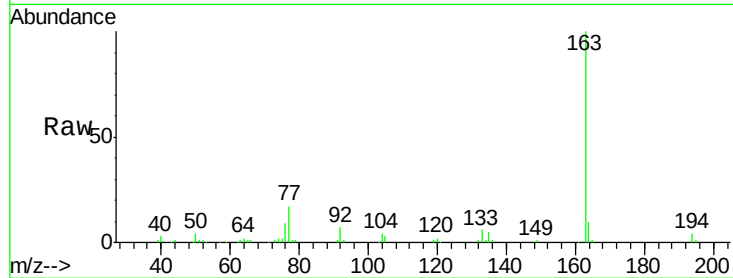
Tgt Ion:163 Resp: 107788

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

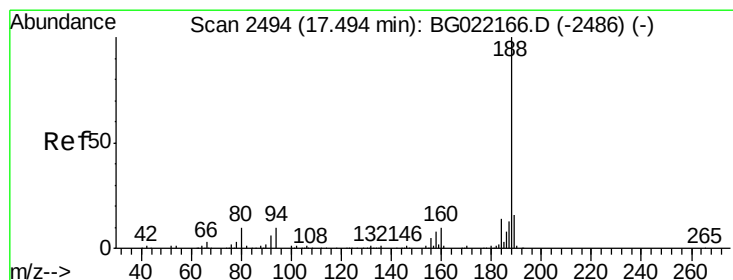
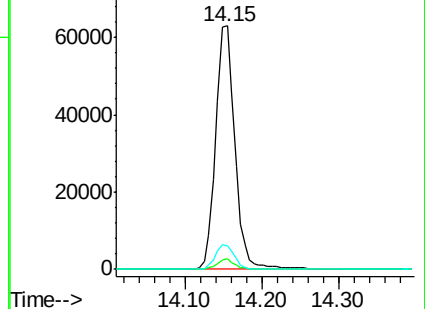
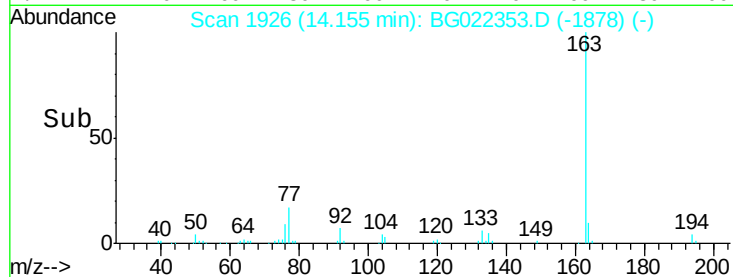
164 9.8 8.1 12.1



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: 20.00 ng

RT: 17.46 min Scan# 2488

Delta R.T. -0.01 min

Lab File: BG022353.D

Acq: 15 Jun 2016 4:02

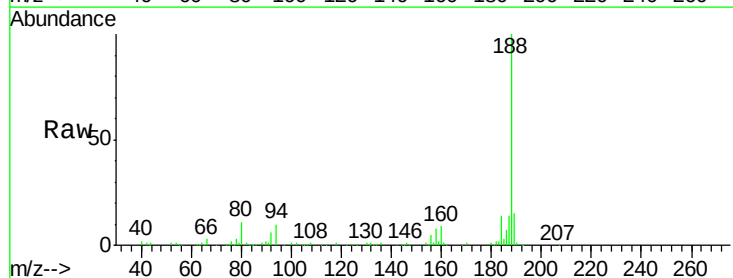
Tgt Ion:188 Resp: 203879

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

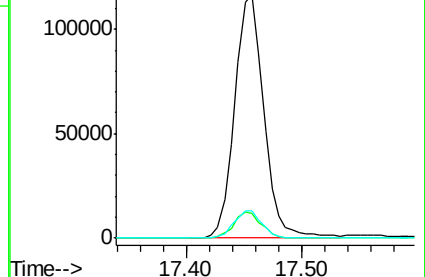
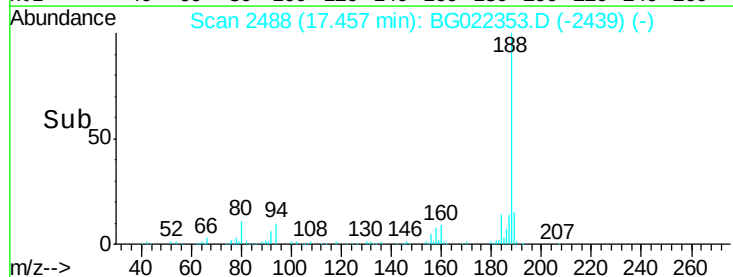
80 11.1 8.6 13.0

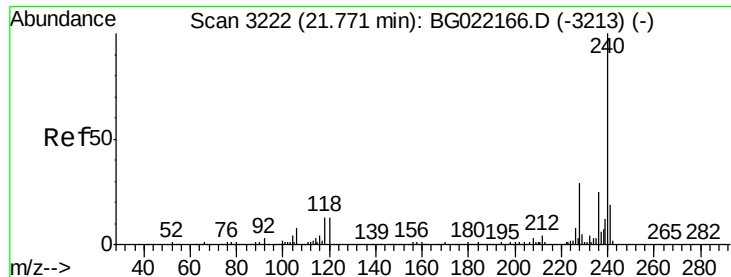


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 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

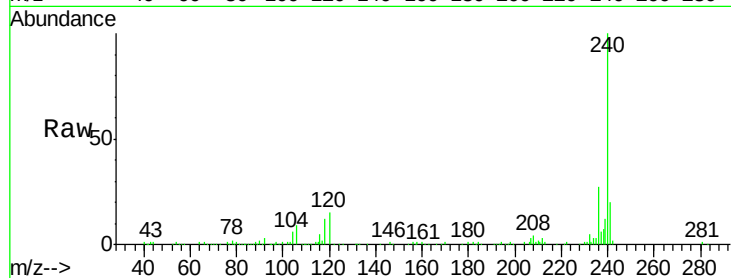
Tgt Ion:240 Resp: 175906

Ion Ratio Lower Upper

240 100

120 14.6 8.4 12.6#

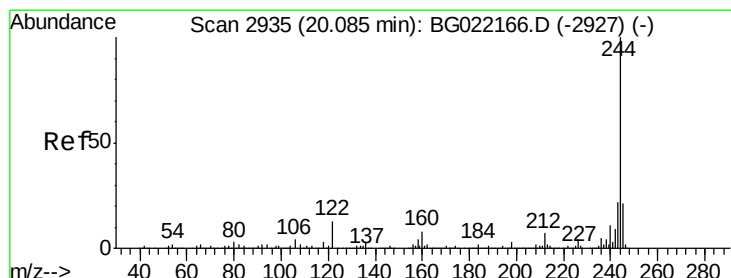
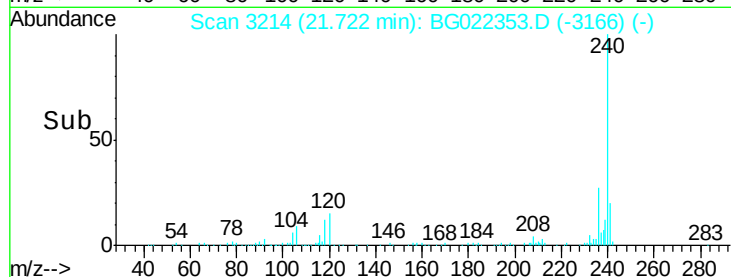
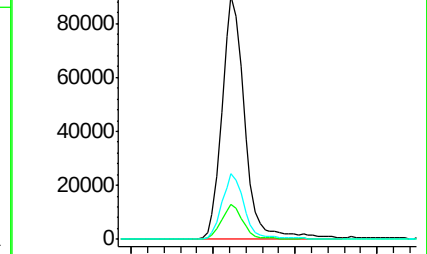
236 26.9 19.6 29.4



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

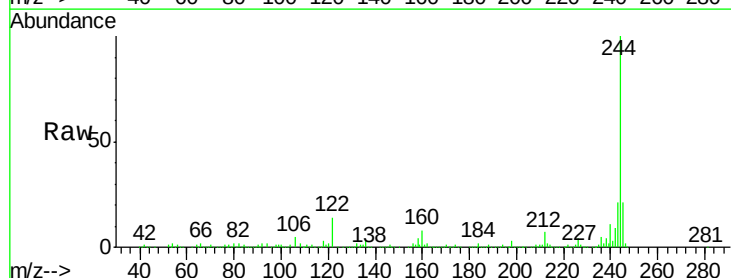
Tgt Ion:244 Resp: 629510

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

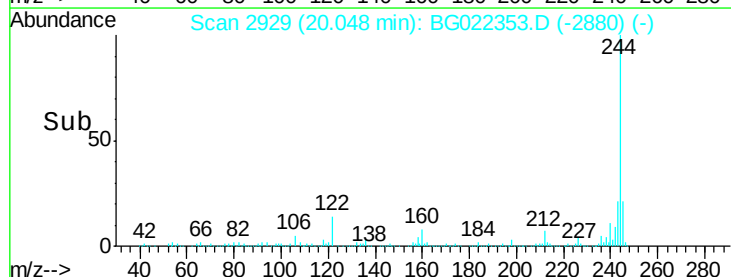
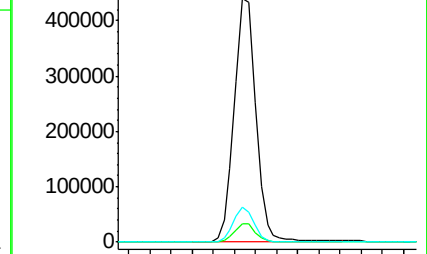
122 14.3 8.6 12.8#

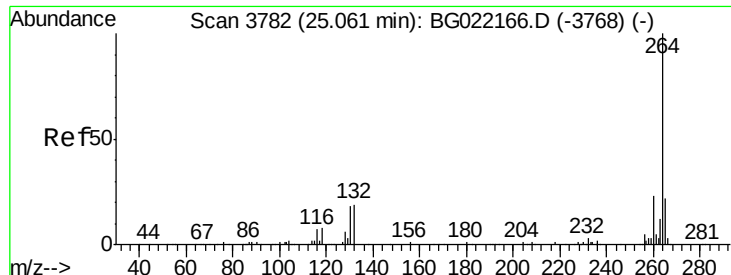


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

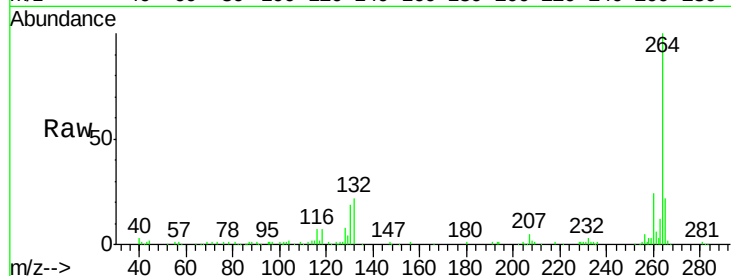




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.99 min Scan# 3770
Delta R.T. -0.02 min
Lab File: BG022353.D
Acq: 15 Jun 2016 4:02

Instrument :
BNA_G
ClientSampleId :
SB-02-COMP

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



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

