

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016157.D
 Acq On : 27 Mar 2015 2:10
 Operator : TP/IZ
 Sample : G1653-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB23

Quant Time: Mar 27 04:16:29 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 05:05:02 2015
 Response via : Initial Calibration

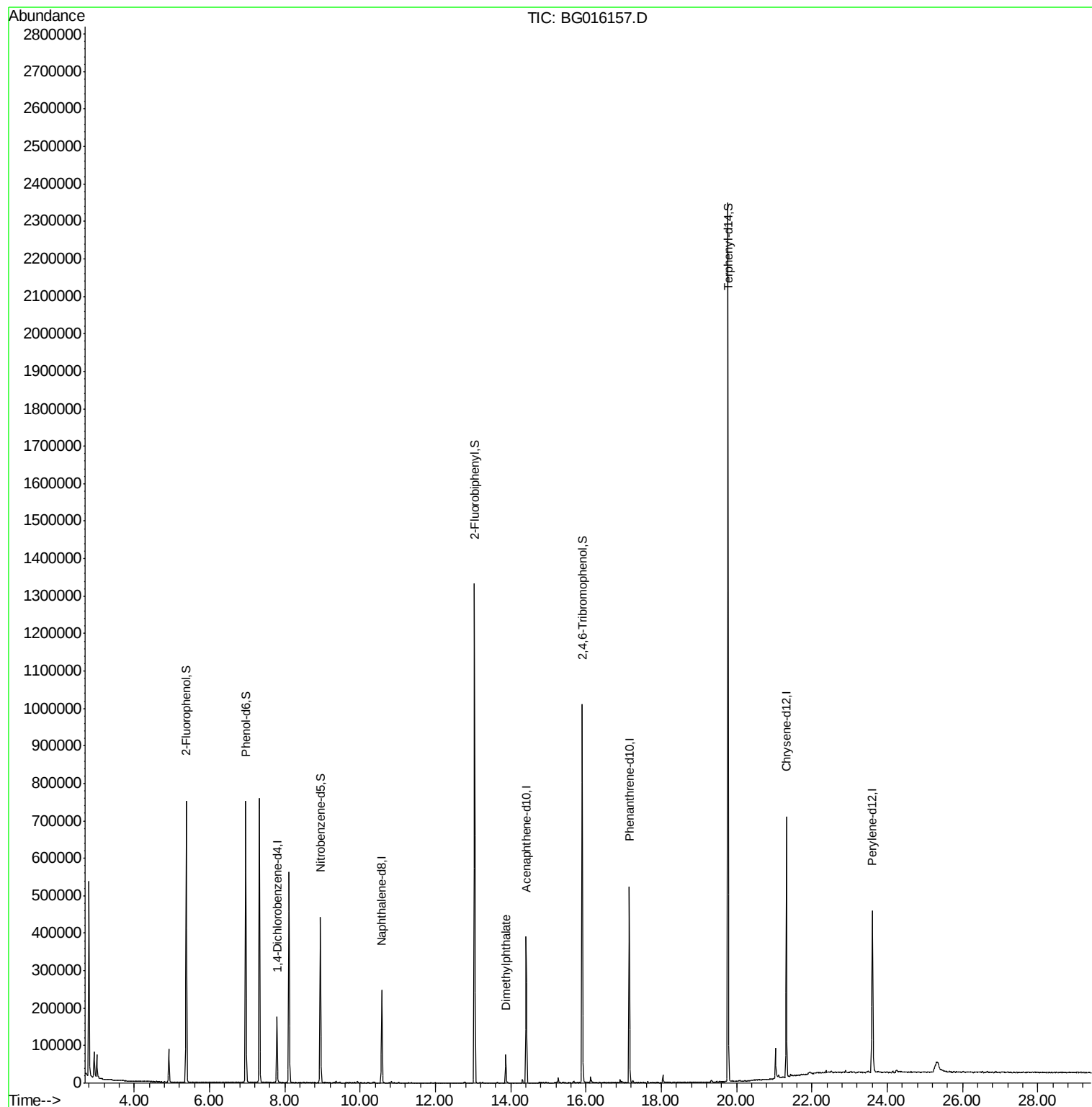
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	49327	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	214341	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	139675	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	309839	20.00	ng	0.00
75) Chrysene-d12	21.32	240	324494	20.00	ng	0.00
86) Perylene-d12	23.61	264	308917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	356734	121.04	ng	0.00
7) Phenol-d6	6.96	99	505615	123.25	ng	0.00
23) Nitrobenzene-d5	8.94	82	258247	74.71	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	195098	121.64	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	661943	79.33	ng	0.00
78) Terphenyl-d14	19.78	244	1023998	79.47	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.87	163	51994	5.31	ng	Qvalue 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_G

ClientSampleId :

SB23

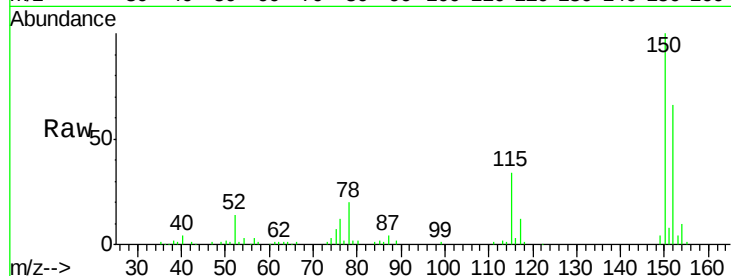
Tgt Ion:152 Resp: 49327

Ion Ratio Lower Upper

152 100

150 152.4 126.1 189.1

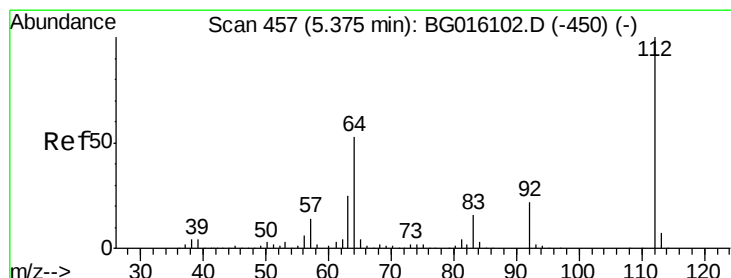
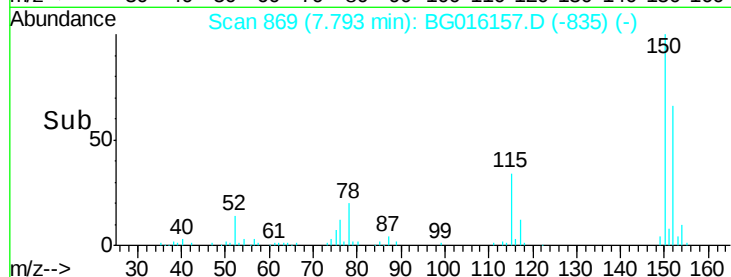
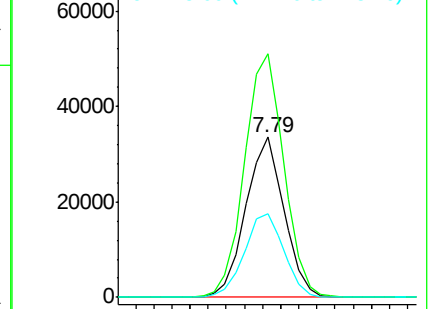
115 52.3 43.7 65.5



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: 121.04 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

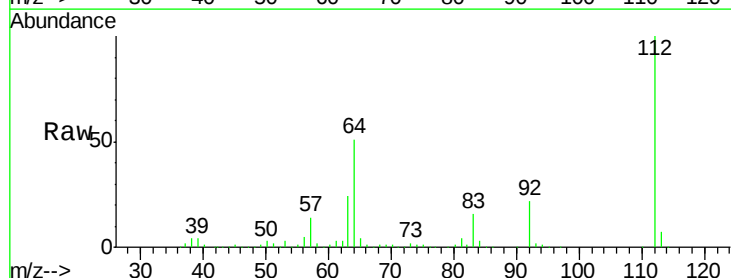
Tgt Ion:112 Resp: 356734

Ion Ratio Lower Upper

112 100

64 51.2 42.6 64.0

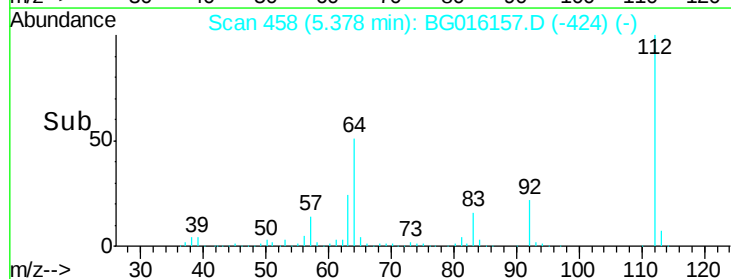
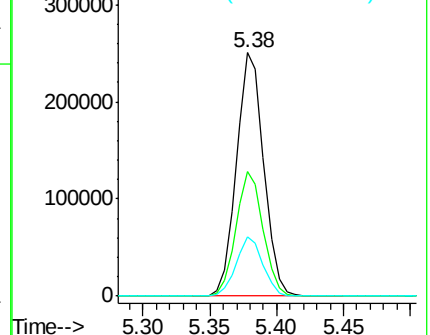
63 24.5 19.9 29.9



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: 123.25 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.00 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_G

ClientSampleId :

SB23

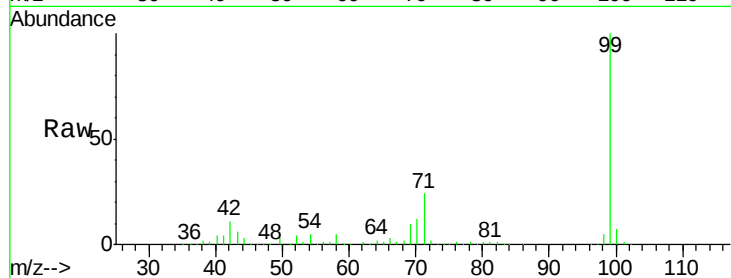
Tgt Ion: 99 Resp: 505615

Ion Ratio Lower Upper

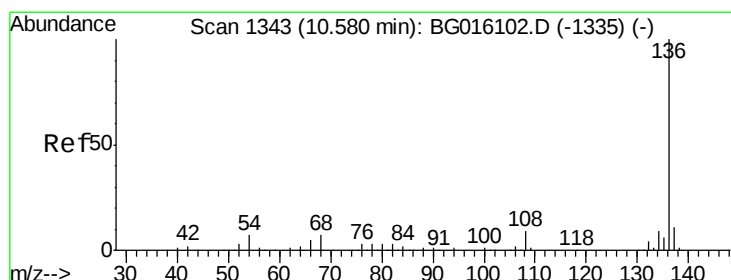
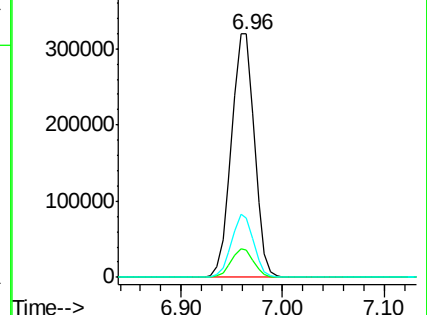
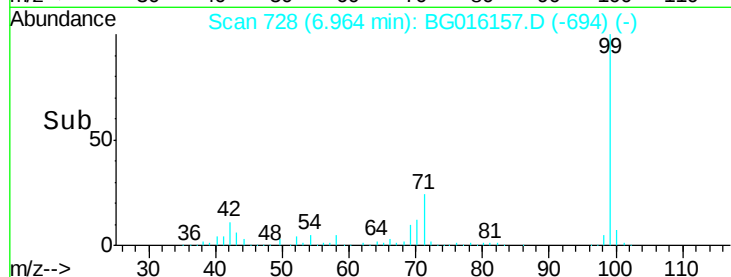
99 100

42 11.3 9.4 14.0

71 24.5 19.9 29.9



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: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

Tgt Ion: 136 Resp: 214341

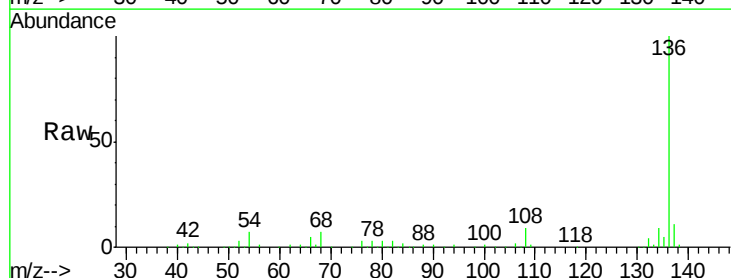
Ion Ratio Lower Upper

136 100

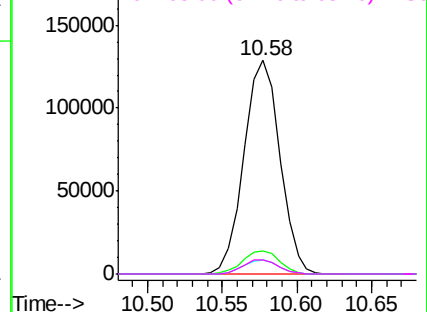
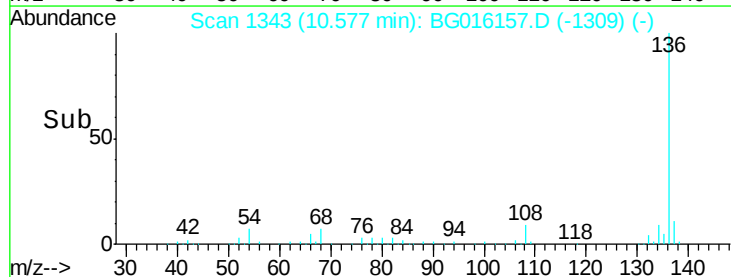
137 10.7 9.0 13.4

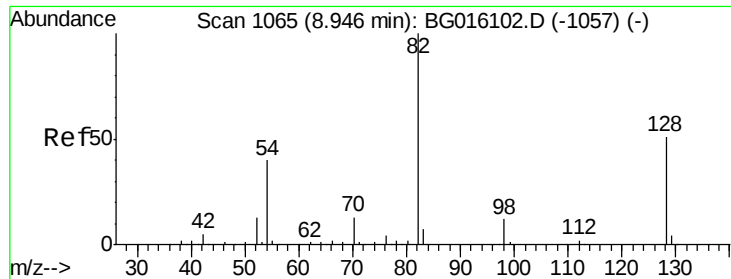
54 6.5 5.5 8.3

68 6.7 6.0 9.0



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

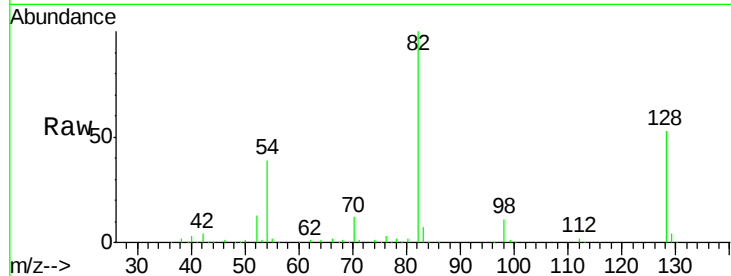




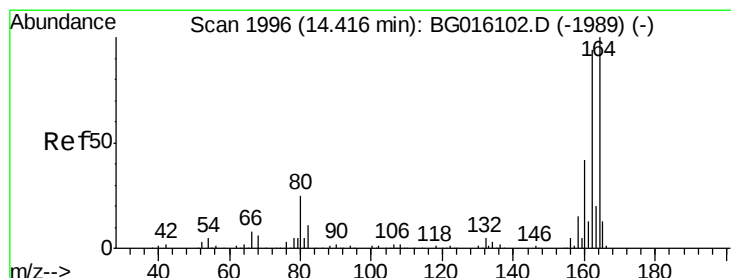
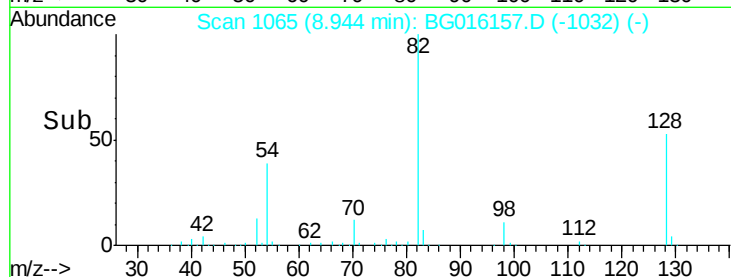
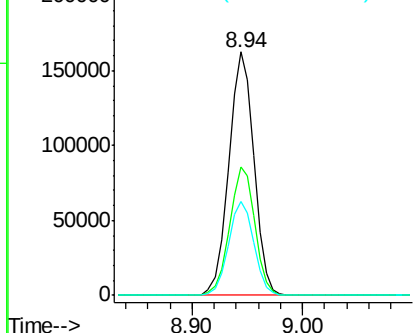
#23
 Nitrobenzene-d5
 Concen: 74.71 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016157.D
 Acq: 27 Mar 2015 2:10

Instrument :
 BNA_G
 ClientSampled :
 SB23

Tgt Ion: 82 Resp: 258247
 Ion Ratio Lower Upper
 82 100
 128 52.8 40.4 60.6
 54 38.6 32.1 48.1

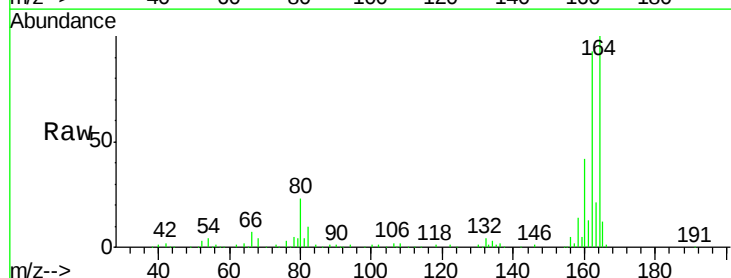


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

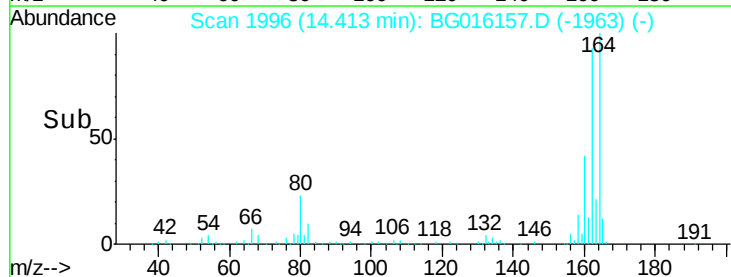
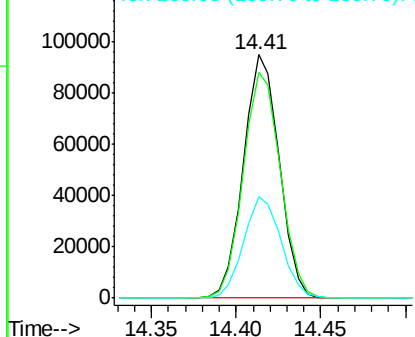


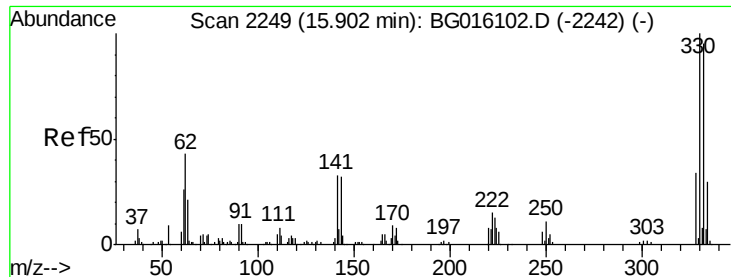
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BG016157.D
 Acq: 27 Mar 2015 2:10

Tgt Ion: 164 Resp: 139675
 Ion Ratio Lower Upper
 164 100
 162 92.6 75.2 112.8
 160 41.7 33.9 50.9



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: 121.64 ng

RT: 15.90 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_G

ClientSampleId :

SB23

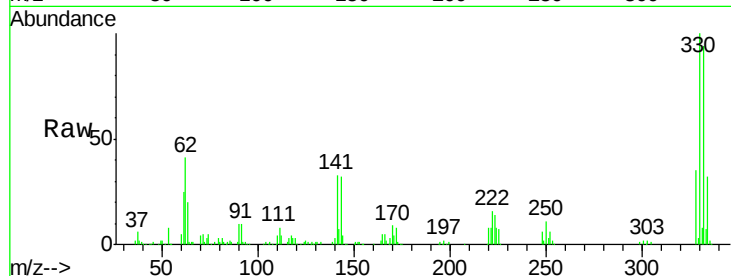
Tgt Ion:330 Resp: 195098

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

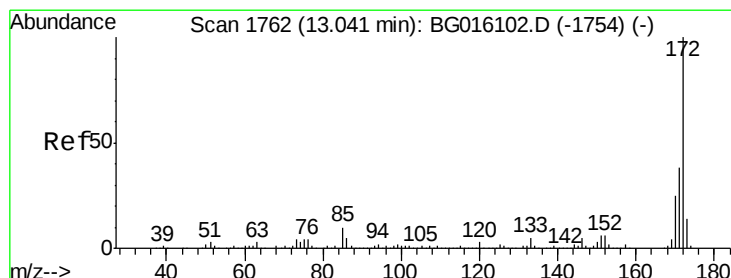
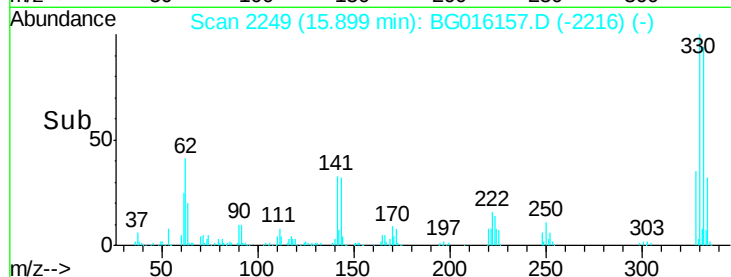
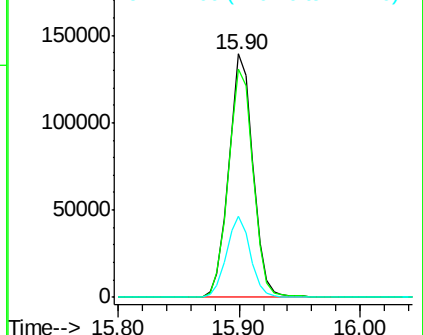
141 32.9 26.2 39.4



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: 79.33 ng

RT: 13.04 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

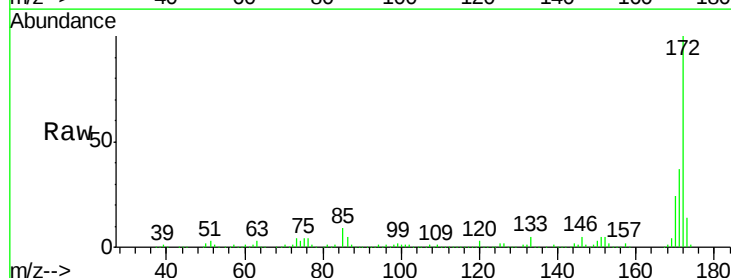
Tgt Ion:172 Resp: 661943

Ion Ratio Lower Upper

172 100

171 36.9 30.3 45.5

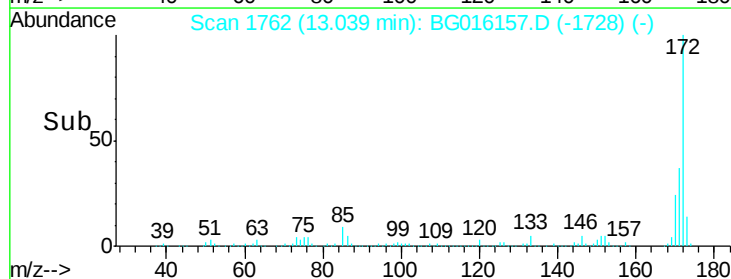
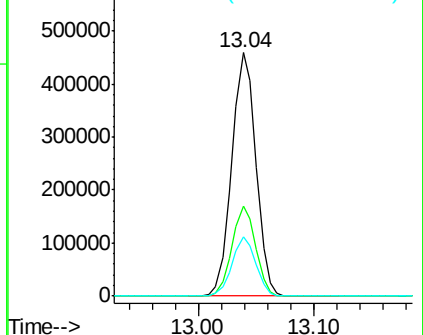
170 24.1 19.8 29.8

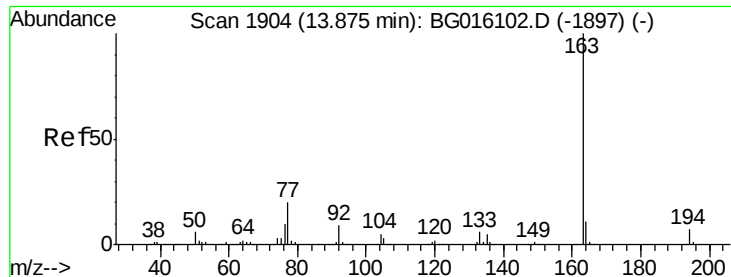


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 5.31 ng

RT: 13.87 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

Instrument :

BNA_G

ClientSampleId :

SB23

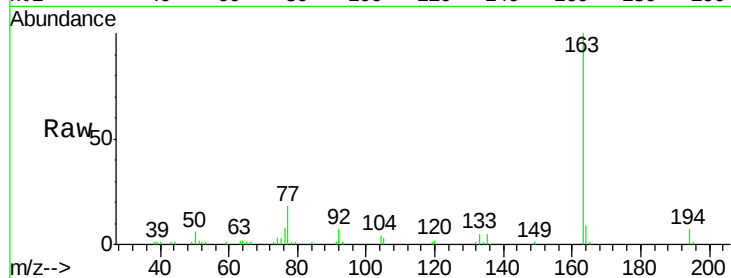
Tgt Ion:163 Resp: 51994

Ion Ratio Lower Upper

163 100

194 7.4 5.4 8.0

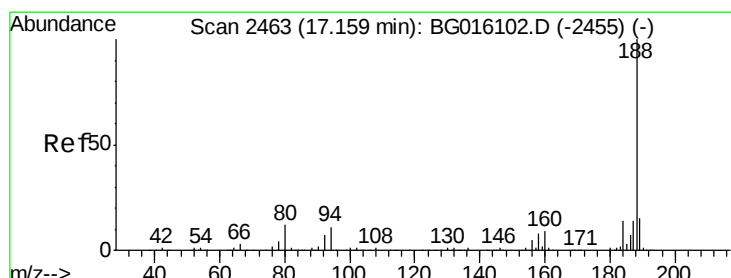
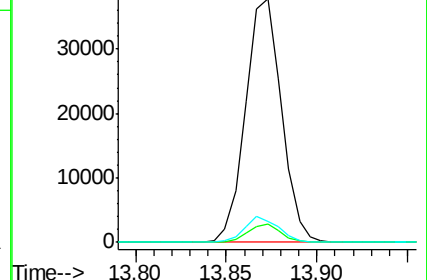
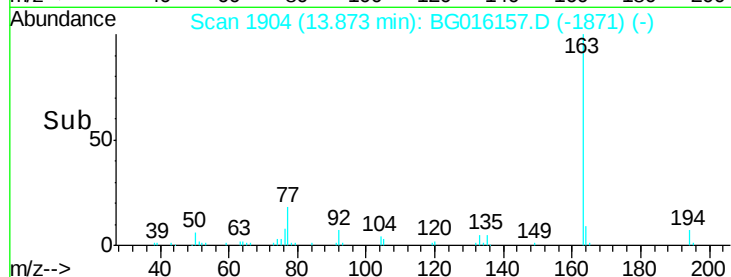
164 8.8 8.6 13.0



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: 17.15 min Scan# 2462

Delta R.T. -0.00 min

Lab File: BG016157.D

Acq: 27 Mar 2015 2:10

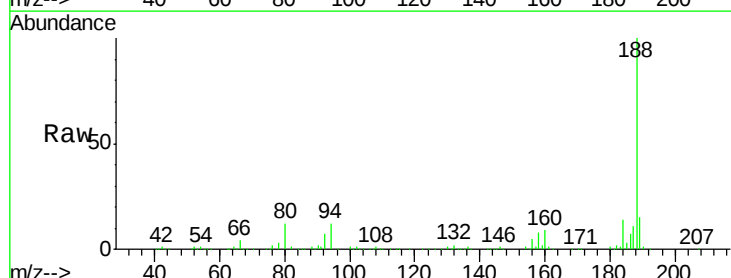
Tgt Ion:188 Resp: 309839

Ion Ratio Lower Upper

188 100

94 12.1 9.1 13.7

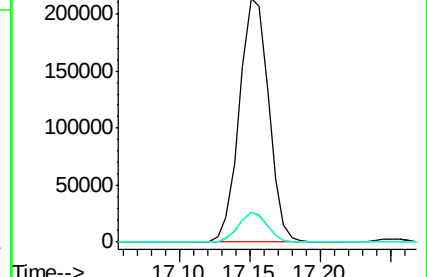
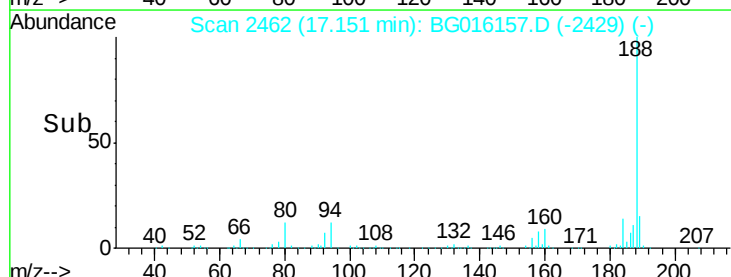
80 12.3 9.8 14.8

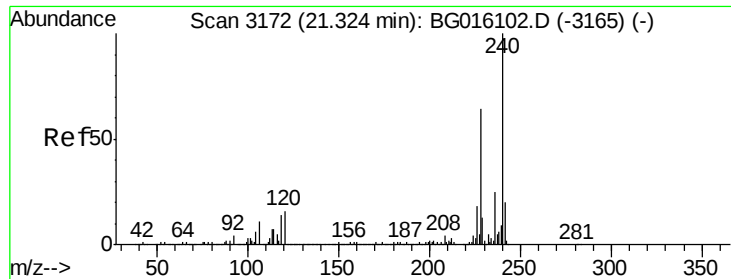


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

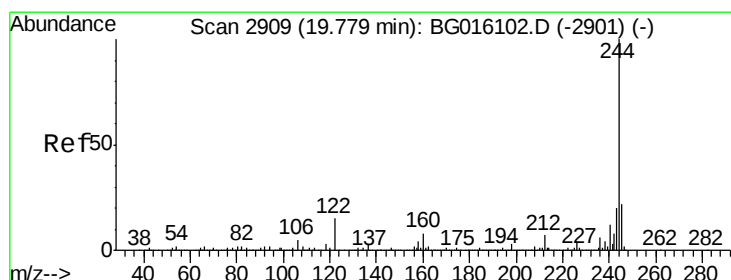
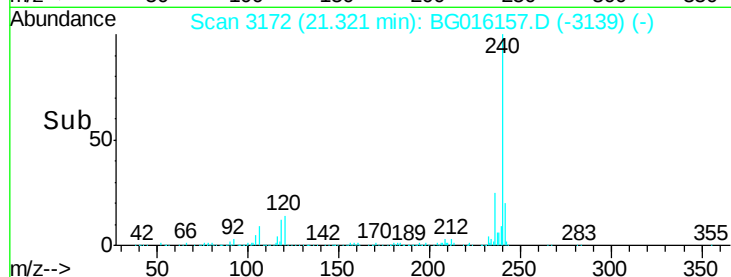
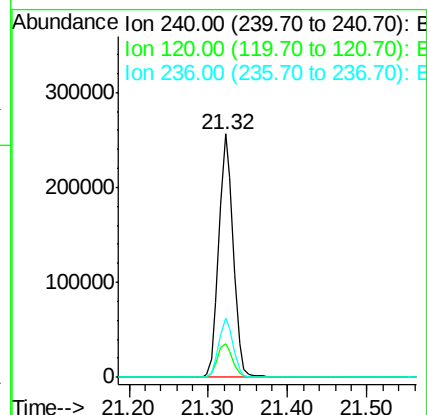
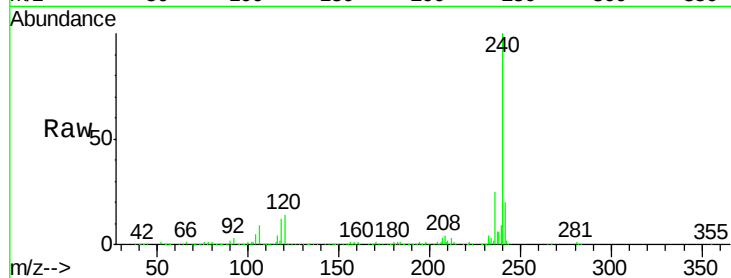




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG016157.D
Acq: 27 Mar 2015 2:10

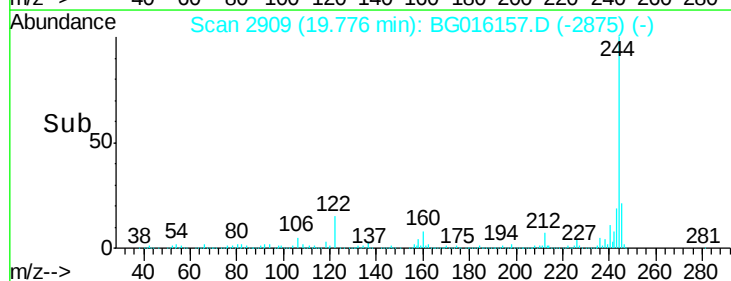
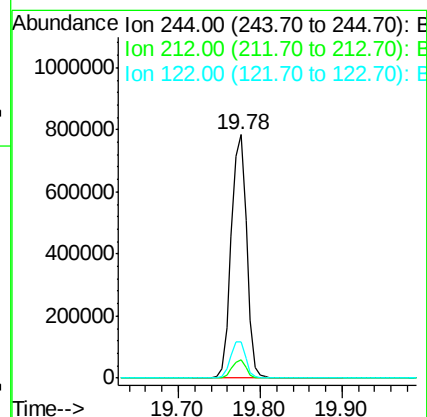
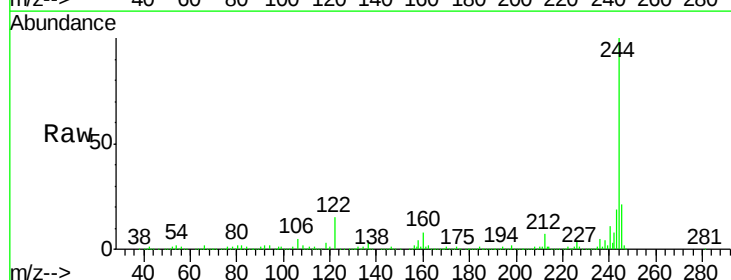
Instrument :
BNA_G
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SB23

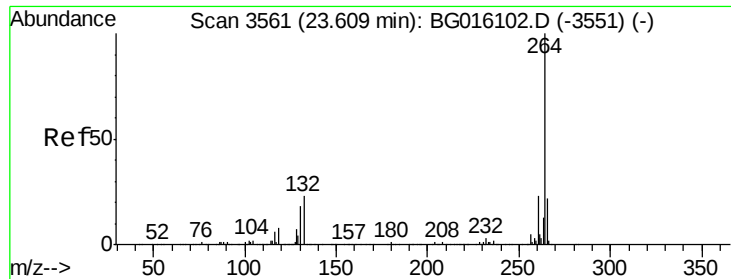
Tgt Ion:240 Resp: 324494
Ion Ratio Lower Upper
240 100
120 13.7 13.0 19.4
236 24.5 20.2 30.2



#78
Terphenyl-d14
Concen: 79.47 ng
RT: 19.78 min Scan# 2909
Delta R.T. 0.00 min
Lab File: BG016157.D
Acq: 27 Mar 2015 2:10

Tgt Ion:244 Resp: 1023998
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 15.0 12.2 18.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.61 min Scan# 3561
Delta R.T. 0.00 min
Lab File: BG016157.D
Acq: 27 Mar 2015 2:10

Instrument :
BNA_G
ClientSampleId :
SB23

Tgt Ion: 264 Resp: 308917
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.4 17.3 25.9

