

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016369.D
 Acq On : 13 Apr 2015 20:10
 Operator : TP/IZ
 Sample : PB82658BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82658BL

Quant Time: Apr 14 02:30:30 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 02:12:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	80980	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	348438	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	191503	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	412637	20.00	ng	0.00
75) Chrysene-d12	21.24	240	376625	20.00	ng	0.00
86) Perylene-d12	23.46	264	352110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	670180	130.61	ng	0.01
7) Phenol-d6	6.86	99	905138	117.51	ng	0.00
23) Nitrobenzene-d5	8.83	82	466740	77.60	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	171668	132.55	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	949464	84.41	ng	0.00
78) Terphenyl-d14	19.69	244	1173182	72.90	ng	0.00

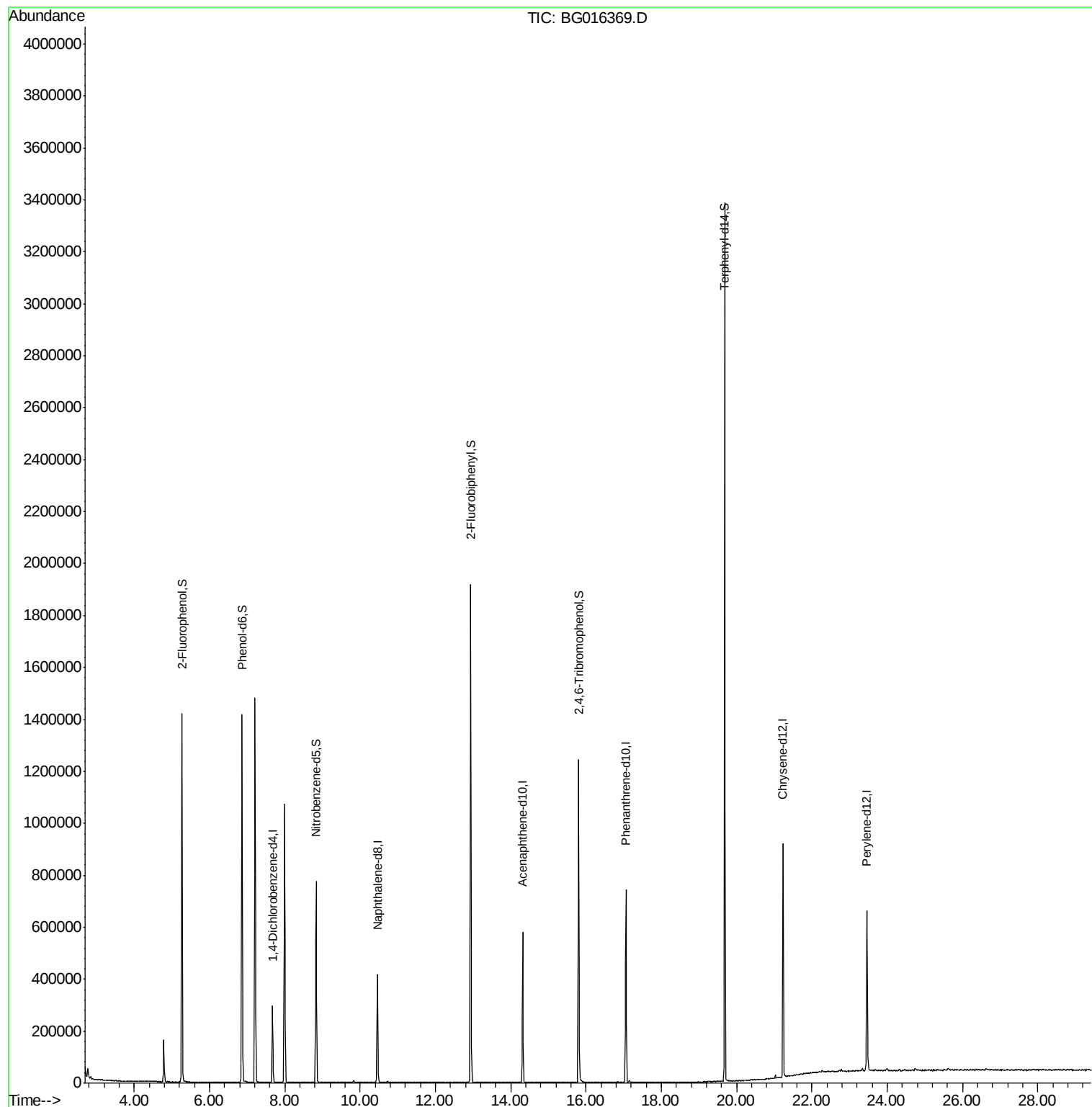
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 849

Delta R.T. 0.00 min

Lab File: BG016369.D

Acq: 13 Apr 2015 20:10

Instrument :

BNA_G

ClientSampled :

PB82658BL

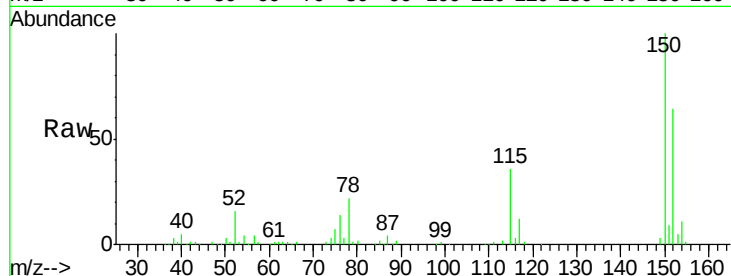
Tgt Ion:152 Resp: 80980

Ion Ratio Lower Upper

152 100

150 157.2 130.1 195.1

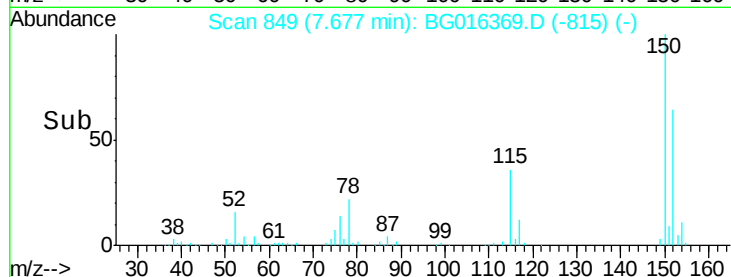
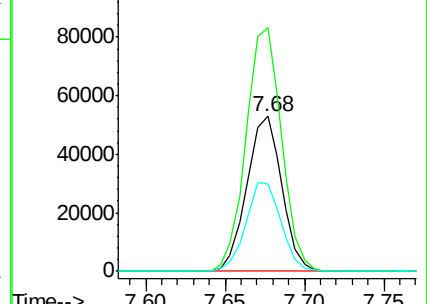
115 56.2 50.5 75.7



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: 130.61 ng

RT: 5.27 min Scan# 439

Delta R.T. 0.01 min

Lab File: BG016369.D

Acq: 13 Apr 2015 20:10

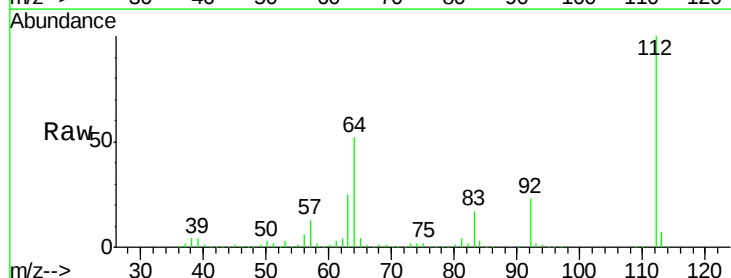
Tgt Ion:112 Resp: 670180

Ion Ratio Lower Upper

112 100

64 52.2 44.5 66.7

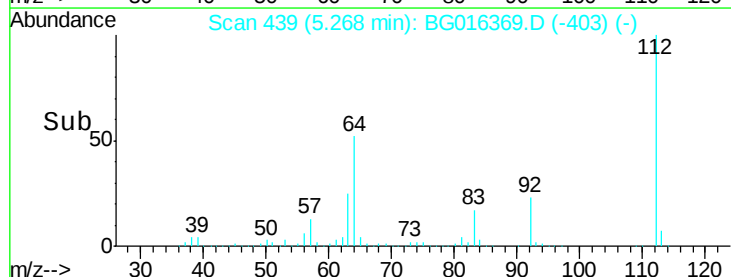
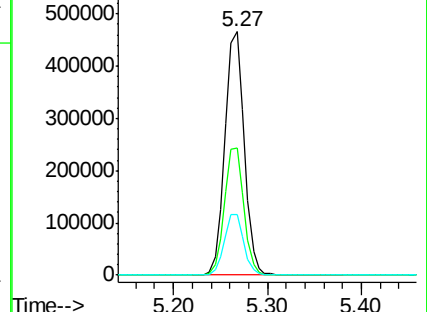
63 25.0 21.4 32.0



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: 117.51 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG016369.D

Acq: 13 Apr 2015 20:10

Instrument :

BNA_G

ClientSampleId :

PB82658BL

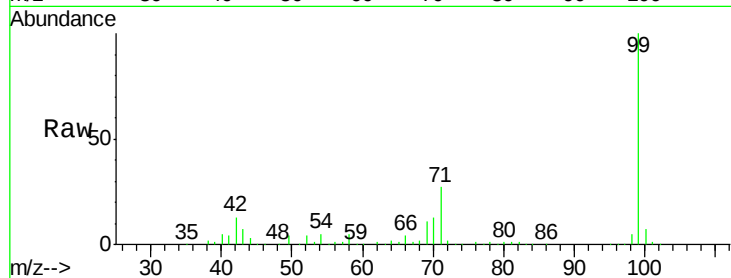
Tgt Ion: 99 Resp: 905138

Ion Ratio Lower Upper

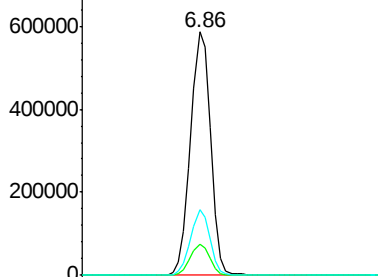
99 100

42 12.7 10.0 15.0

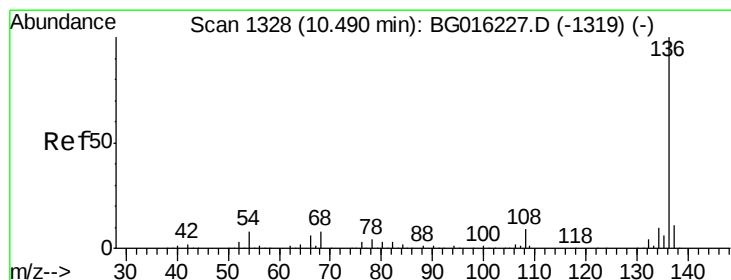
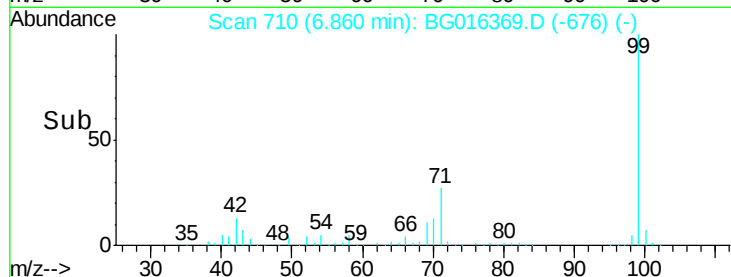
71 26.9 21.5 32.3



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.46 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BG016369.D

Acq: 13 Apr 2015 20:10

Tgt Ion: 136 Resp: 348438

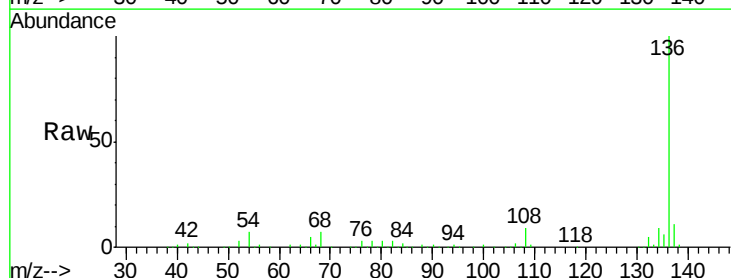
Ion Ratio Lower Upper

136 100

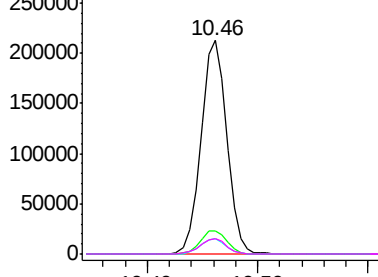
137 10.9 8.7 13.1

54 7.2 6.3 9.5

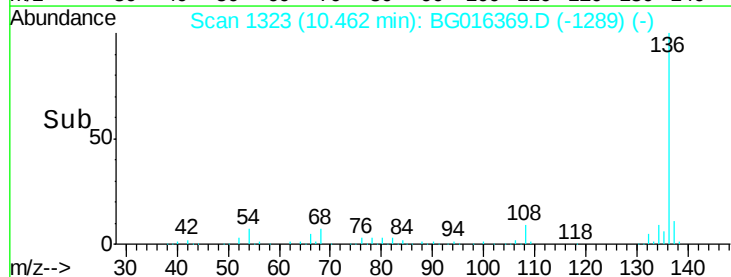
68 7.3 6.5 9.7

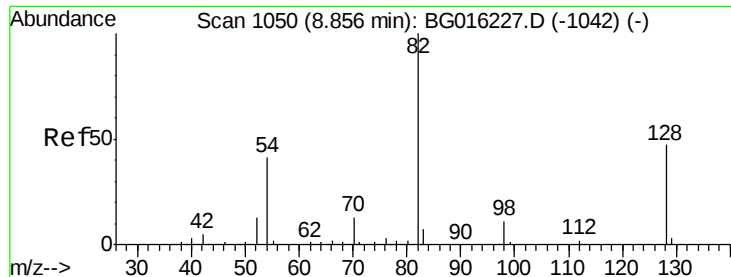


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

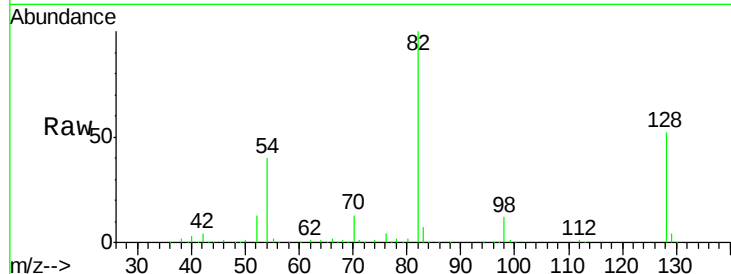




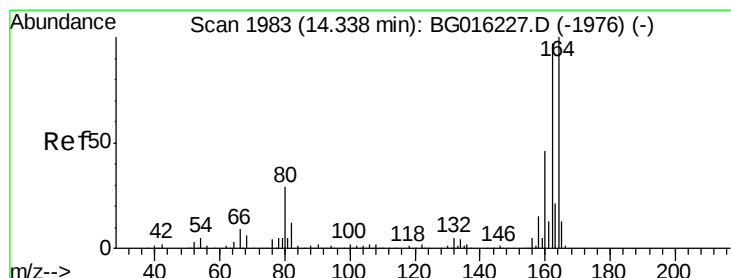
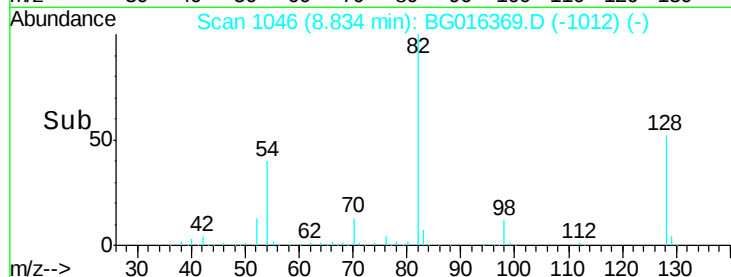
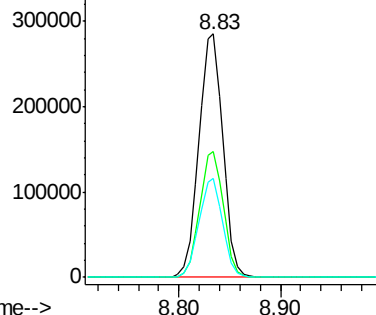
#23
 Nitrobenzene-d5
 Concen: 77.60 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG016369.D
 Acq: 13 Apr 2015 20:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82658BL

Tgt Ion: 82 Resp: 466740
 Ion Ratio Lower Upper
 82 100
 128 51.7 37.8 56.8
 54 40.4 32.6 49.0

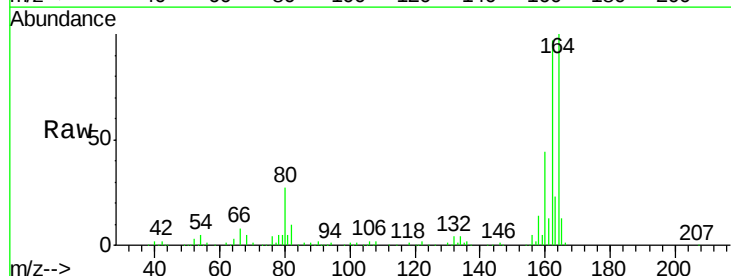


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

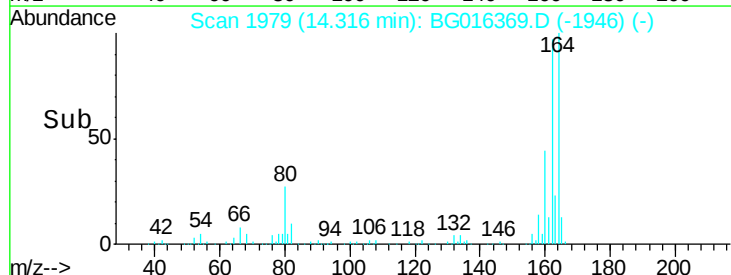
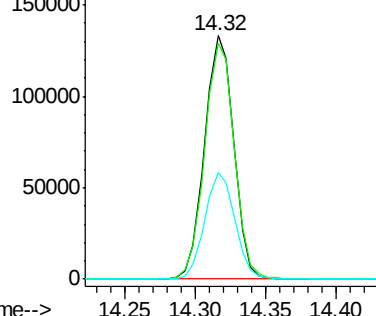


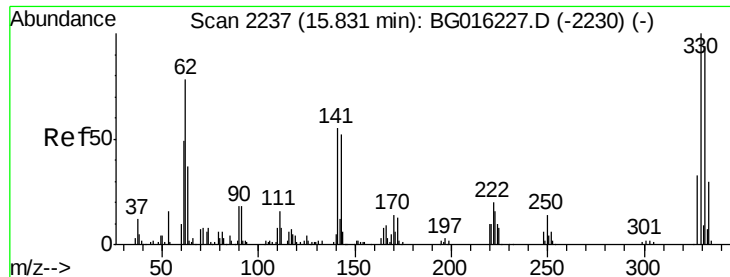
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG016369.D
 Acq: 13 Apr 2015 20:10

Tgt Ion: 164 Resp: 191503
 Ion Ratio Lower Upper
 164 100
 162 96.9 77.3 115.9
 160 43.8 36.7 55.1



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

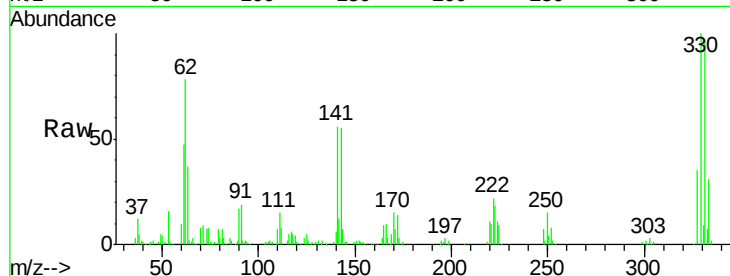




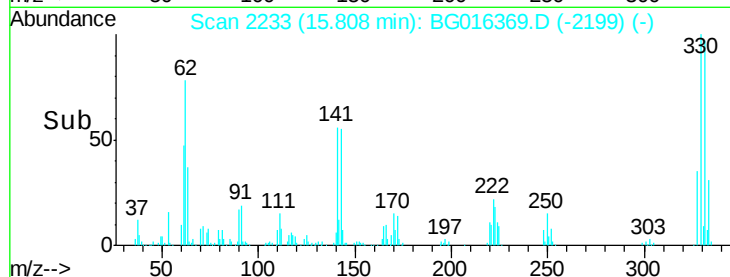
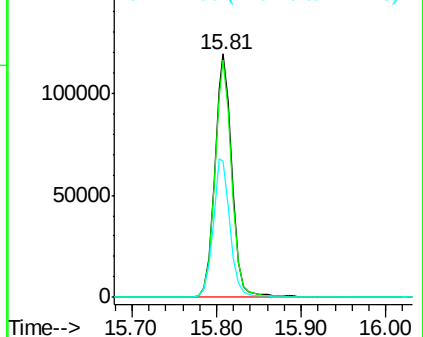
#41
 2,4,6-Tribromophenol
 Concen: 132.55 ng
 RT: 15.81 min Scan# 2233
 Delta R.T. 0.00 min
 Lab File: BG016369.D
 Acq: 13 Apr 2015 20:10

Instrument :
 BNA_G
 ClientSampleId :
 PB82658BL

Tgt Ion:330 Resp: 171668
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.8 113.6
 141 56.2 46.6 69.8

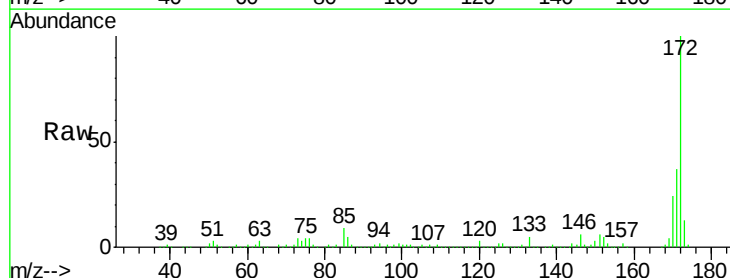


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

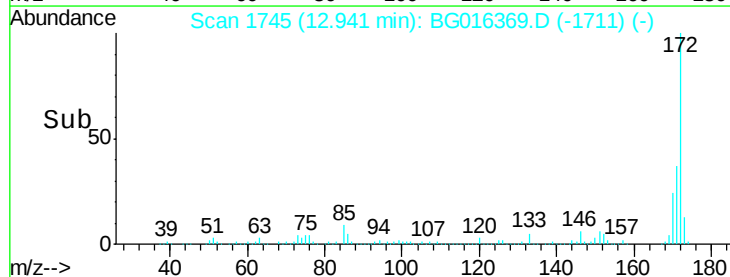
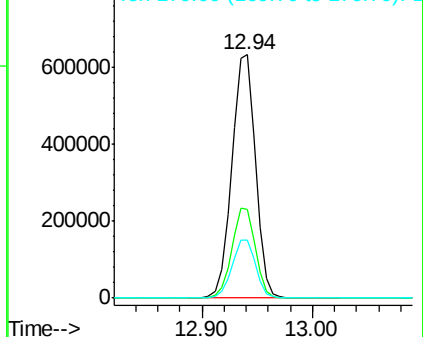


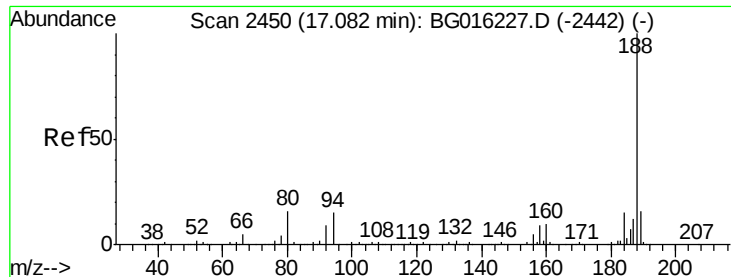
#44
 2-Fluorobiphenyl
 Concen: 84.41 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016369.D
 Acq: 13 Apr 2015 20:10

Tgt Ion:172 Resp: 949464
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.9 19.4 29.2



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

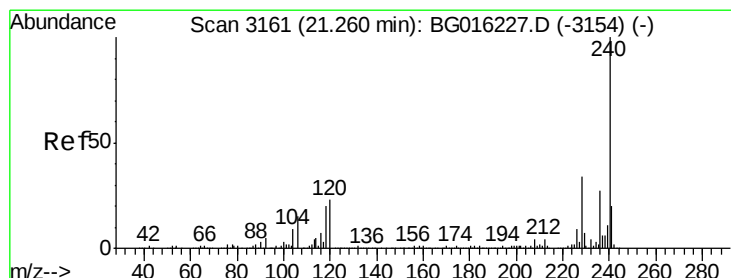
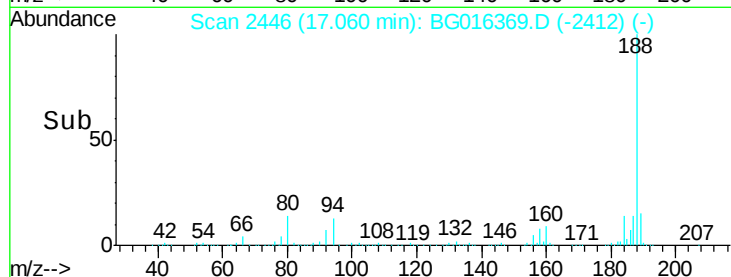
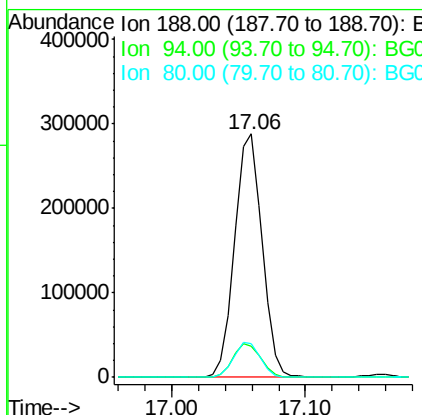
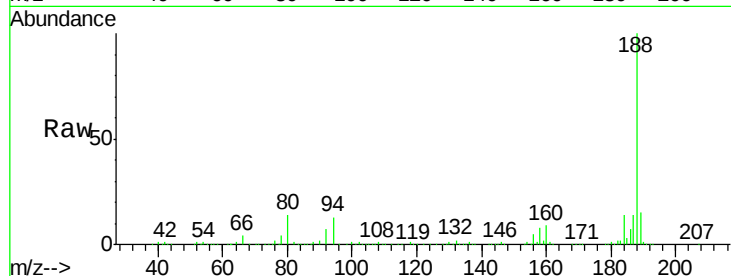




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.06 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BG016369.D
Acq: 13 Apr 2015 20:10

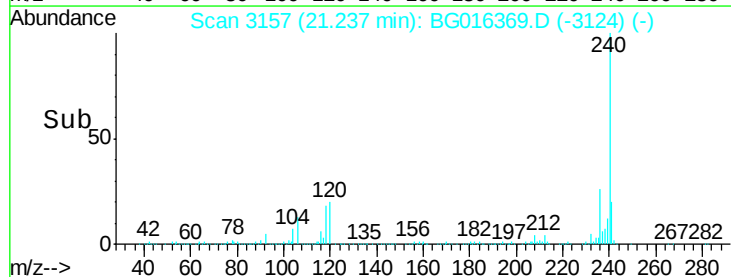
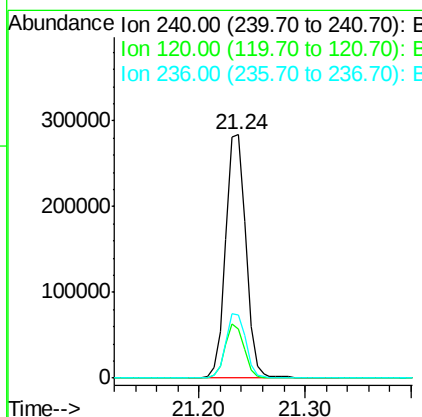
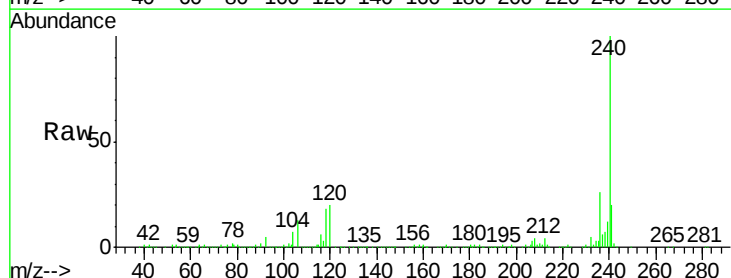
Instrument :
BNA_G
ClientSampleId :
PB82658BL

Tgt Ion:188 Resp: 412637
Ion Ratio Lower Upper
188 100
94 12.6 12.2 18.4
80 13.9 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG016369.D
Acq: 13 Apr 2015 20:10

Tgt Ion:240 Resp: 376625
Ion Ratio Lower Upper
240 100
120 20.3 18.6 28.0
236 26.2 21.7 32.5





#78

Terphenyl-d14

Concen: 72.90 ng

RT: 19.69 min Scan# 2893

Delta R.T. -0.00 min

Lab File: BG016369.D

Acq: 13 Apr 2015 20:10

Instrument :

BNA_G

ClientSampleId :

PB82658BL

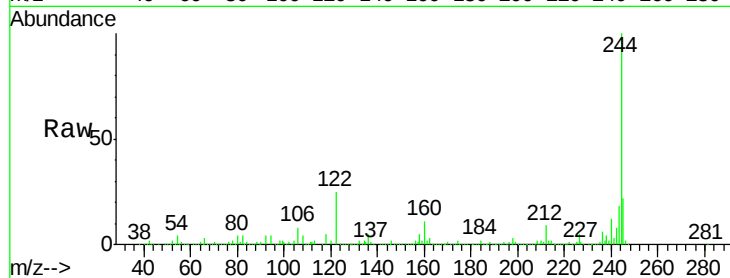
Tgt Ion:244 Resp: 1173182

Ion Ratio Lower Upper

244 100

212 8.8 6.6 9.8

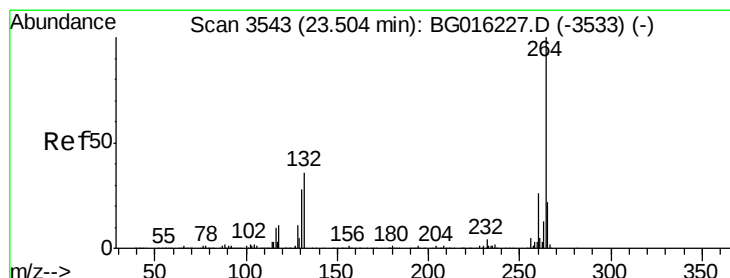
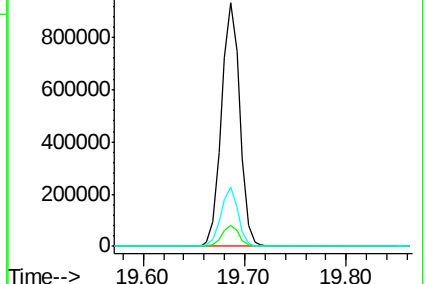
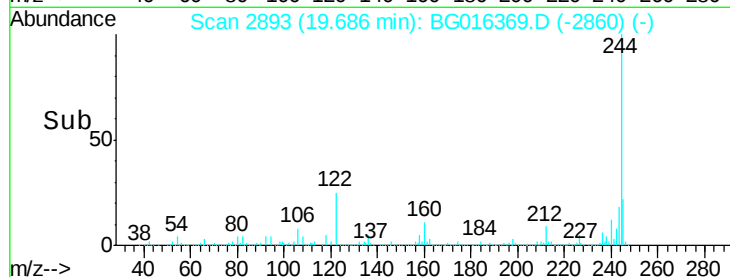
122 24.5 19.1 28.7



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: 23.46 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016369.D

Acq: 13 Apr 2015 20:10

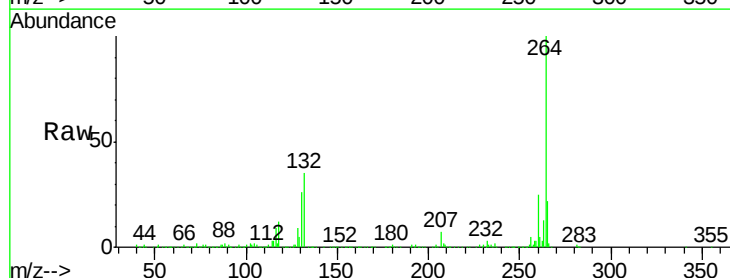
Tgt Ion:264 Resp: 352110

Ion Ratio Lower Upper

264 100

260 24.8 20.4 30.6

265 21.9 17.2 25.8



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

