

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021663.D
 Acq On : 14 Apr 2016 21:53
 Operator : UM/SJ
 Sample : PB89755TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89775TB

Quant Time: Apr 15 00:55:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27981	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	126170	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	90094	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	223811	20.00	ng	0.00
75) Chrysene-d12	21.83	240	247805	20.00	ng	0.00
86) Perylene-d12	25.15	264	236660	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	228417	135.94	ng	0.00
7) Phenol-d6	7.36	99	335620	133.72	ng	0.00
23) Nitrobenzene-d5	9.38	82	195881	79.80	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	135207	139.25	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	484258	78.75	ng	0.00
78) Terphenyl-d14	20.14	244	809304	81.49	ng	0.00

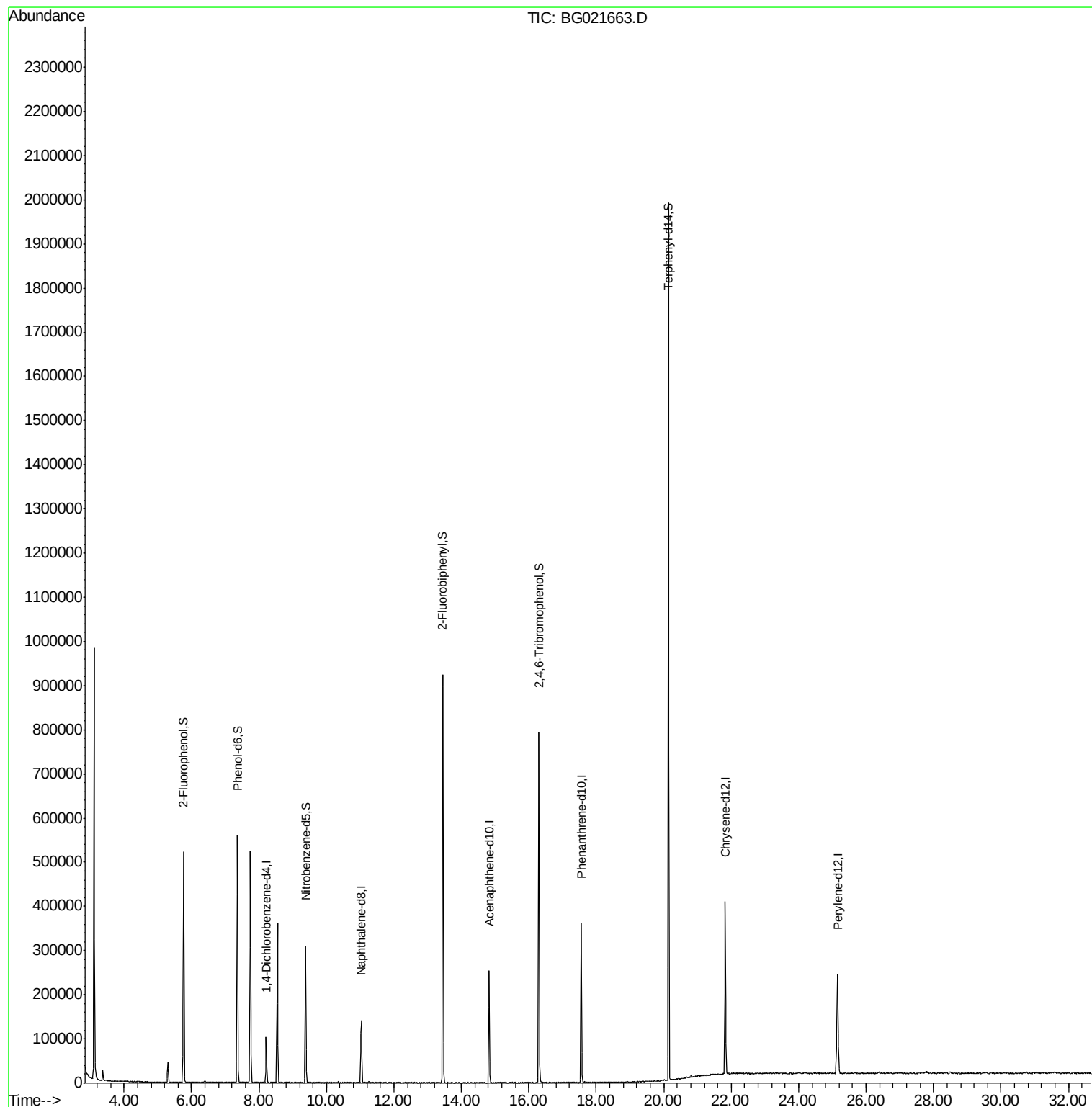
Target Compounds	Qvalue
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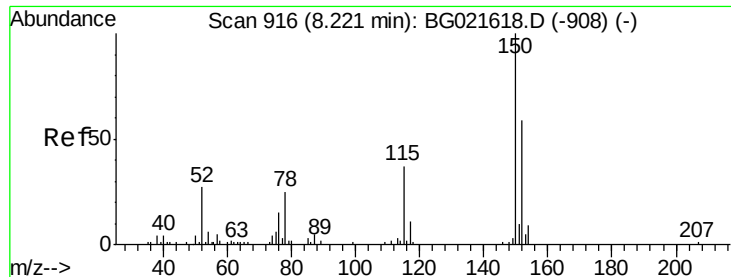
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021663.D

Acq: 14 Apr 2016 21:53

Instrument :

BNA_G

ClientSampleId :

PB89775TB

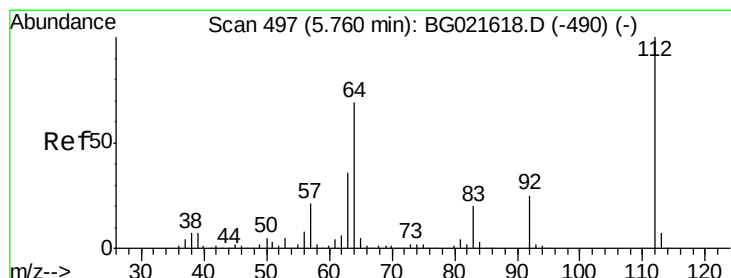
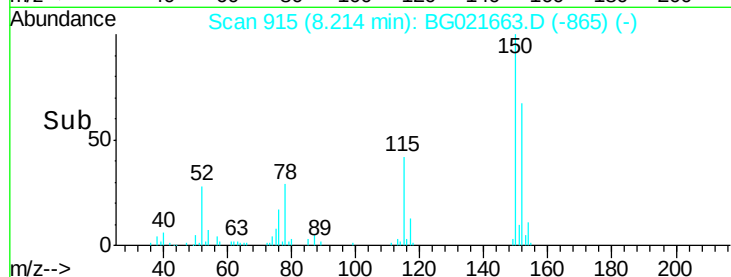
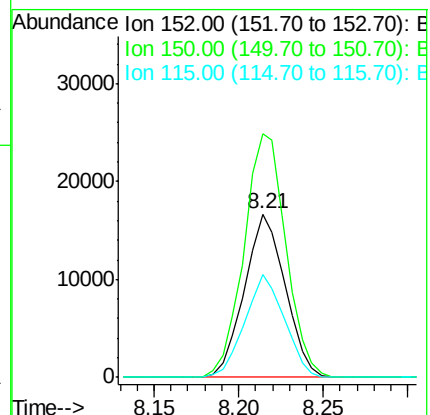
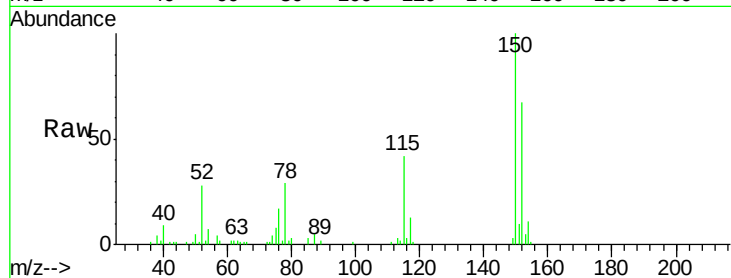
Tgt Ion:152 Resp: 27981

Ion Ratio Lower Upper

152 100

150 148.9 130.1 195.1

115 62.8 62.2 93.2



#5

2-Fluorophenol

Concen: 135.94 ng

RT: 5.76 min Scan# 498

Delta R.T. 0.00 min

Lab File: BG021663.D

Acq: 14 Apr 2016 21:53

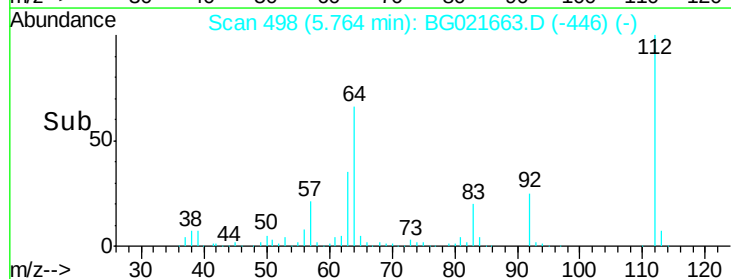
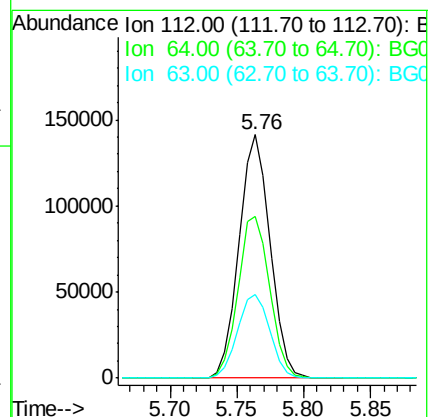
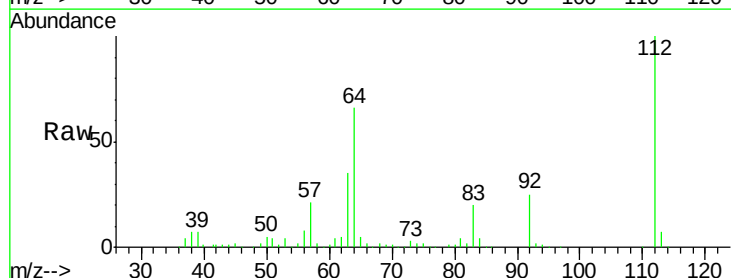
Tgt Ion:112 Resp: 228417

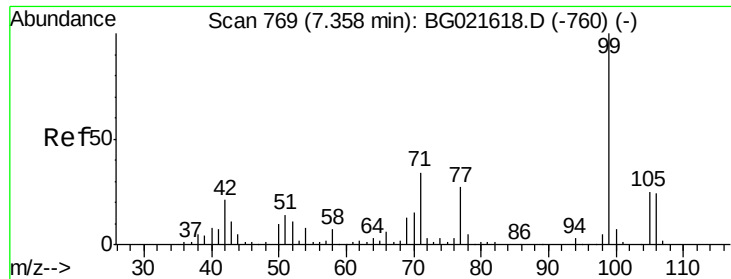
Ion Ratio Lower Upper

112 100

64 66.4 51.1 76.7

63 34.5 24.6 37.0





#7

Phenol-d6

Concen: 133.72 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG021663.D

Acq: 14 Apr 2016 21:53

Instrument :

BNA_G

ClientSampleId :

PB89775TB

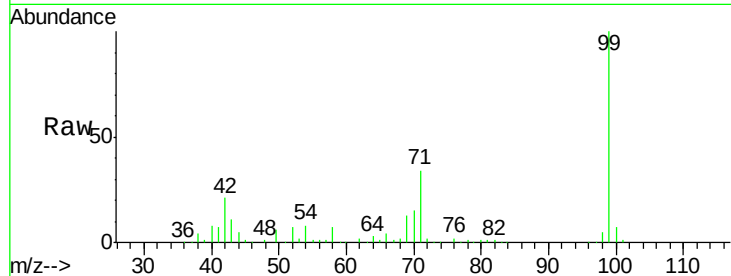
Tgt Ion: 99 Resp: 335620

Ion Ratio Lower Upper

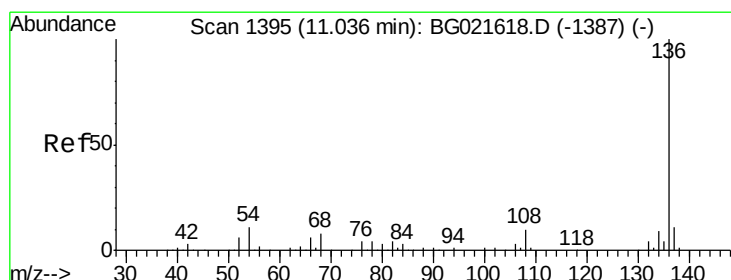
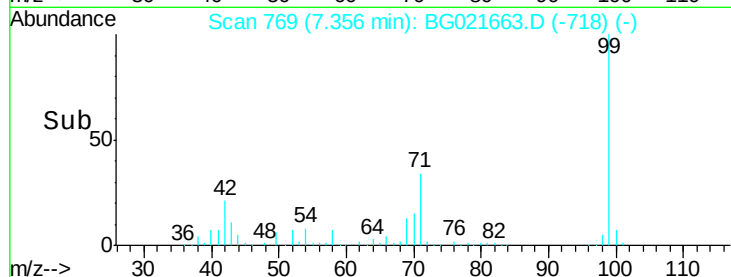
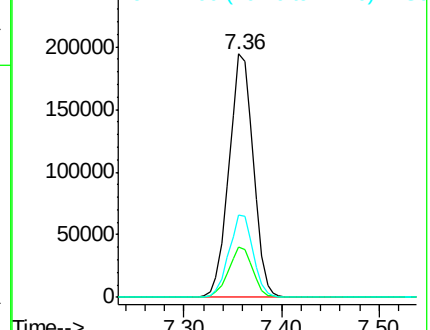
99 100

42 20.6 16.4 24.6

71 33.8 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: 11.03 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG021663.D

Acq: 14 Apr 2016 21:53

Tgt Ion: 136 Resp: 126170

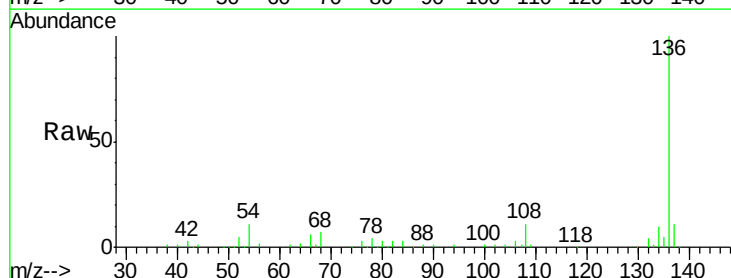
Ion Ratio Lower Upper

136 100

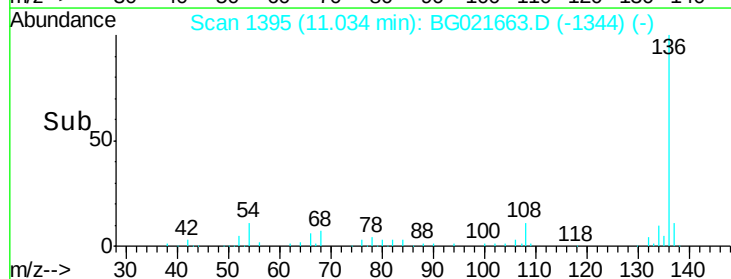
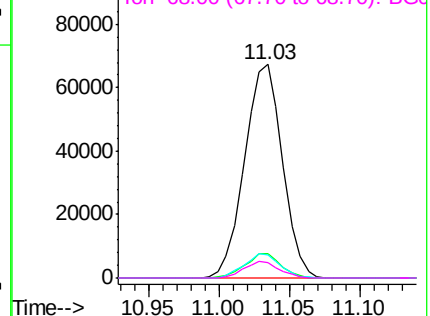
137 11.2 9.0 13.4

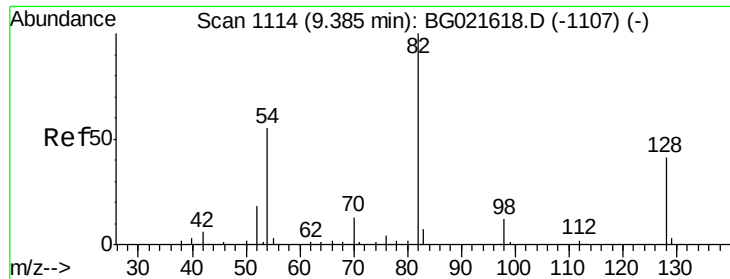
54 11.0 9.6 14.4

68 6.9 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

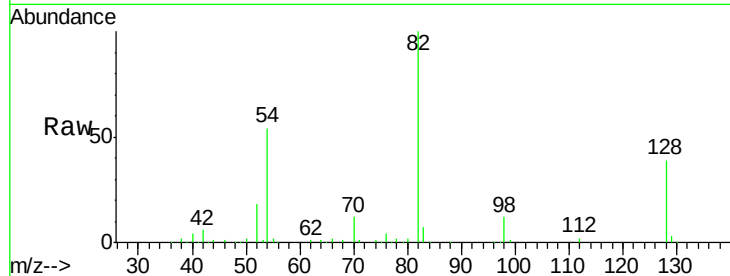




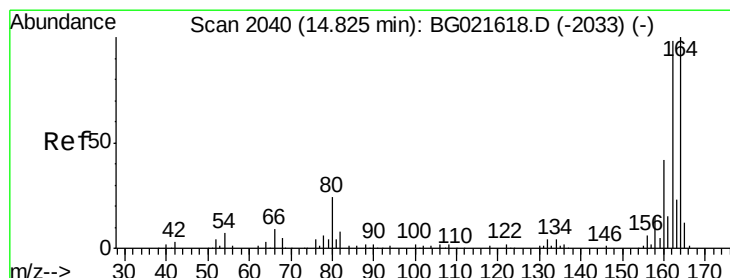
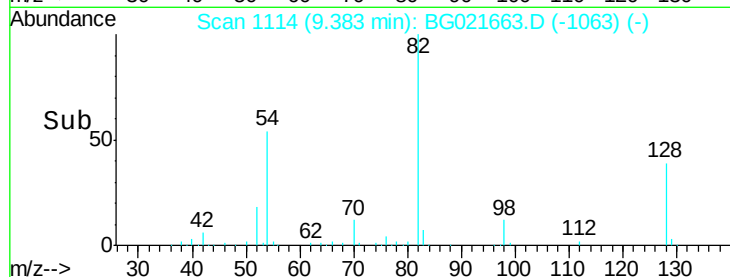
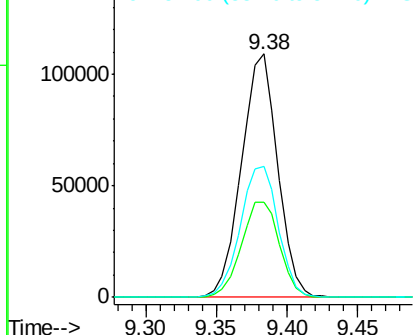
#23
 Nitrobenzene-d5
 Concen: 79.80 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021663.D
 Acq: 14 Apr 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 PB89775TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.4	50.0
54	53.7	46.1	69.1

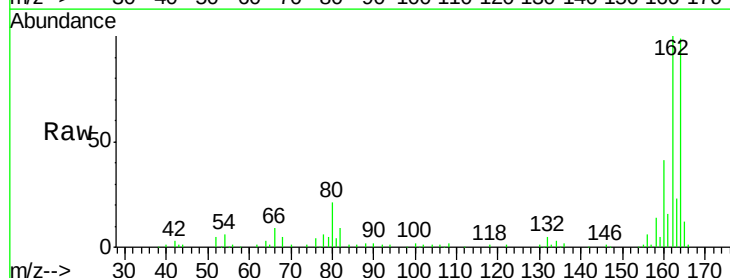


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

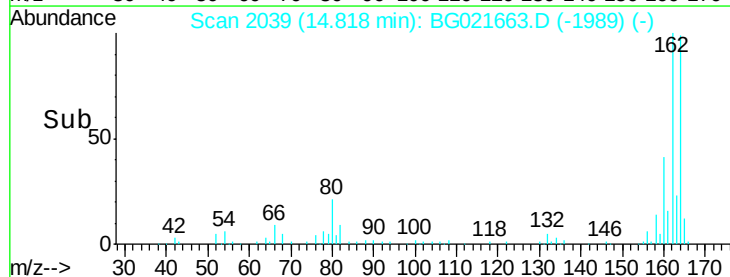
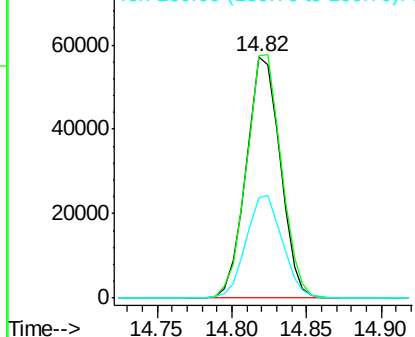


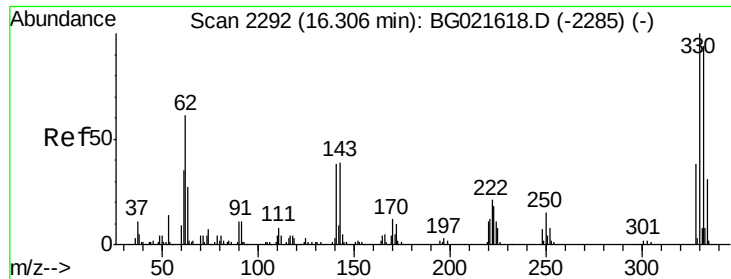
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BG021663.D
 Acq: 14 Apr 2016 21:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.0	117.0
160	41.6	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

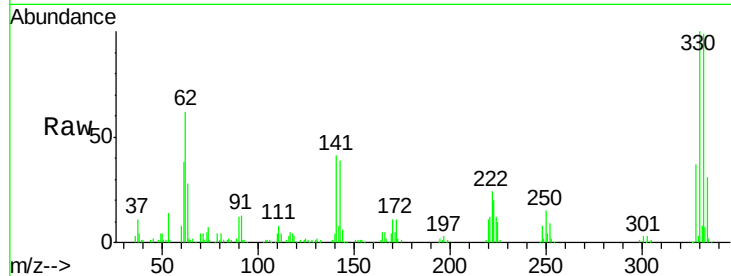




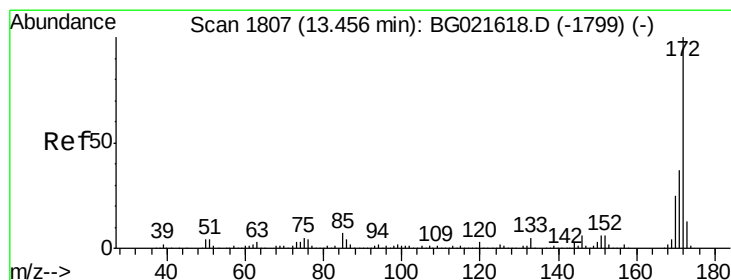
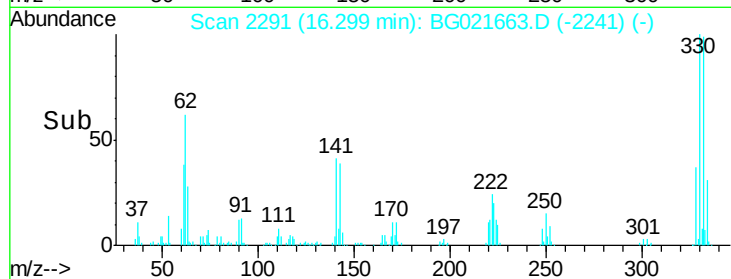
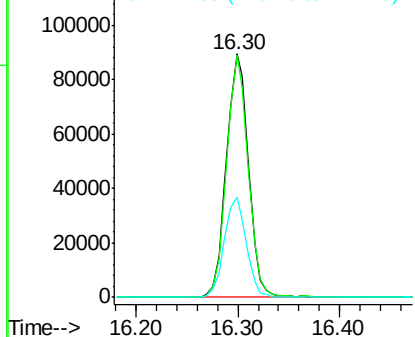
#41
 2,4,6-Tribromophenol
 Concen: 139.25 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021663.D
 Acq: 14 Apr 2016 21:53

Instrument :
 BNA_G
 ClientSampleId :
 PB89775TB

Tgt Ion:330 Resp: 135207
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.0 117.0
 141 41.1 33.8 50.8

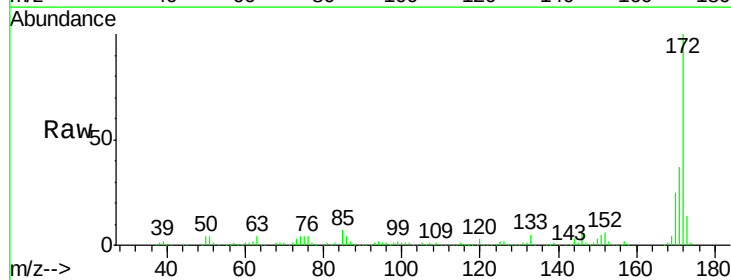


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

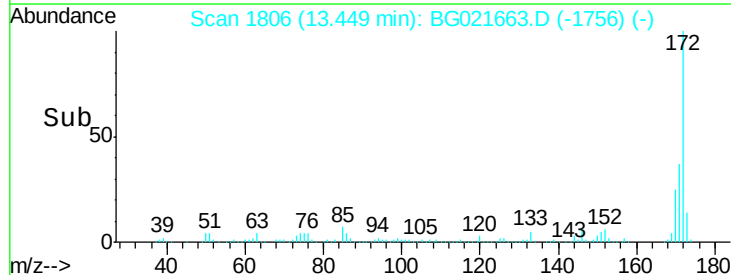
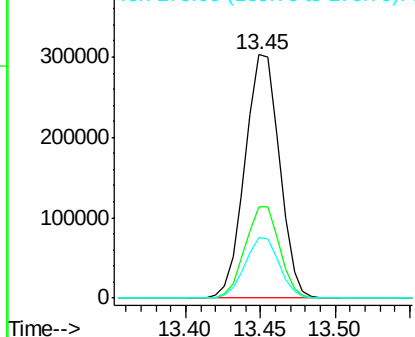


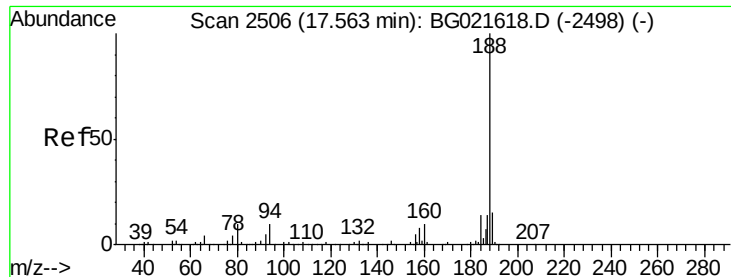
#44
 2-Fluorobiphenyl
 Concen: 78.75 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021663.D
 Acq: 14 Apr 2016 21:53

Tgt Ion:172 Resp: 484258
 Ion Ratio Lower Upper
 172 100
 171 37.3 27.8 41.6
 170 24.7 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

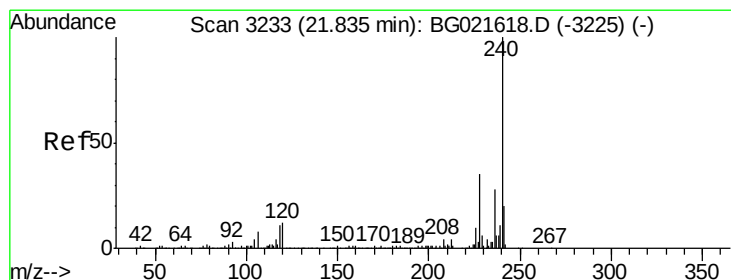
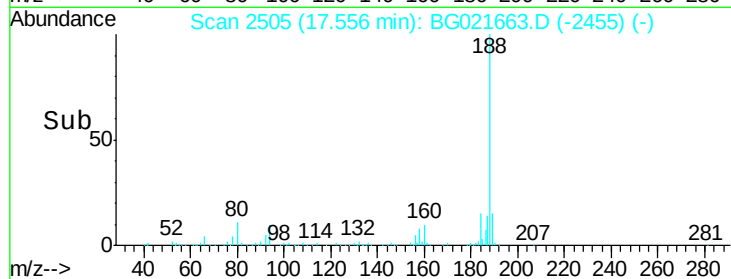
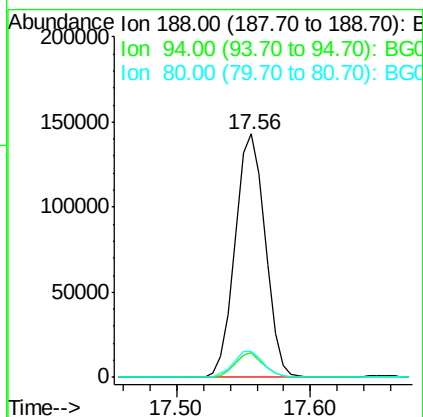
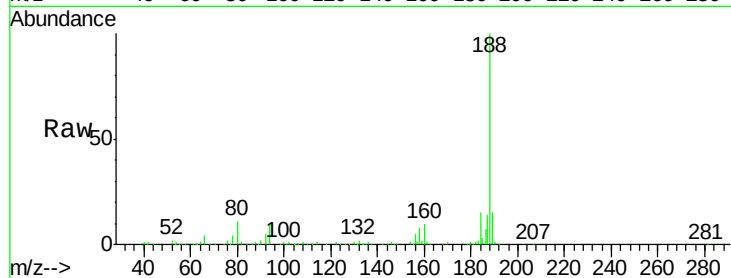




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021663.D
Acq: 14 Apr 2016 21:53

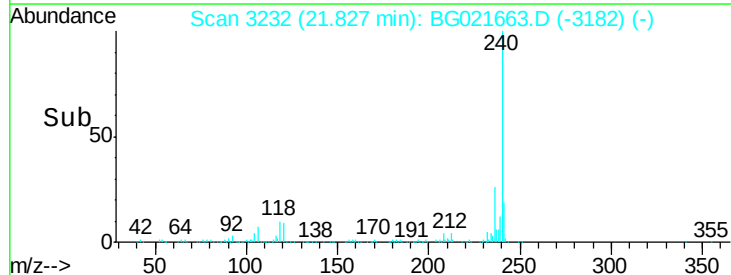
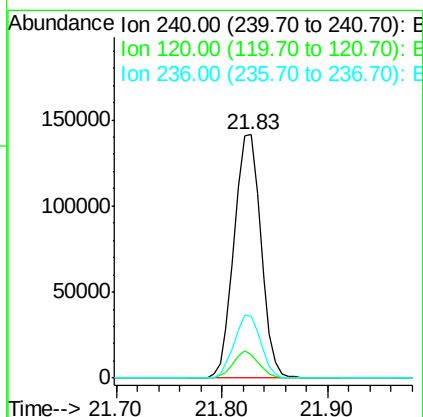
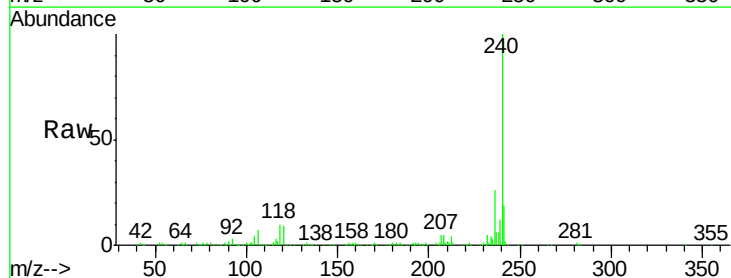
Instrument :
BNA_G
ClientSampleId :
PB89775TB

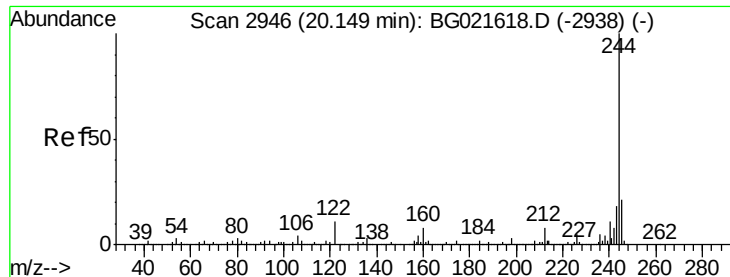
Tgt Ion:188 Resp: 223811
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.9 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021663.D
Acq: 14 Apr 2016 21:53

Tgt Ion:240 Resp: 247805
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.6 19.6 29.4





#78

Terphenyl-d14

Concen: 81.49 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021663.D

Acq: 14 Apr 2016 21:53

Instrument :

BNA_G

ClientSampleId :

PB89775TB

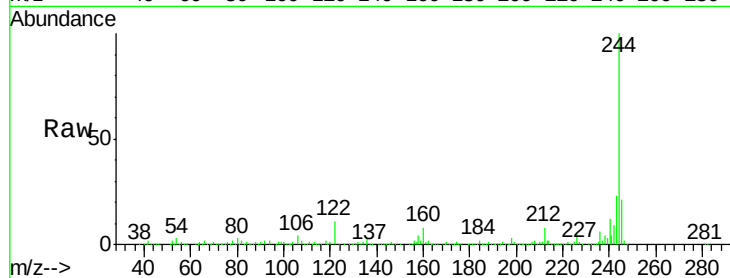
Tgt Ion:244 Resp: 809304

Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

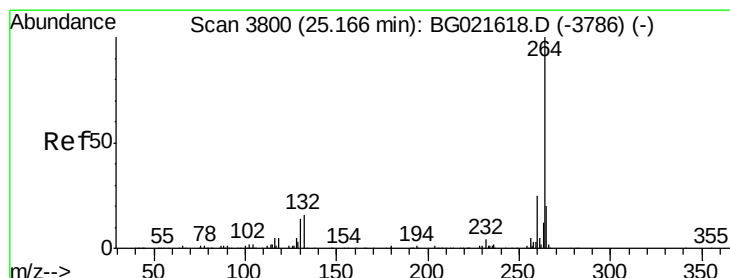
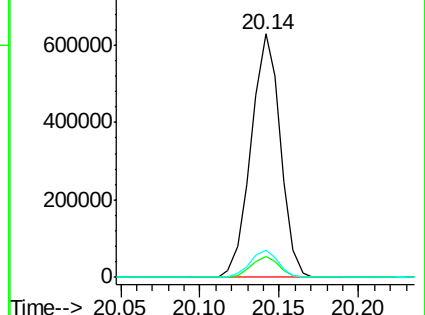
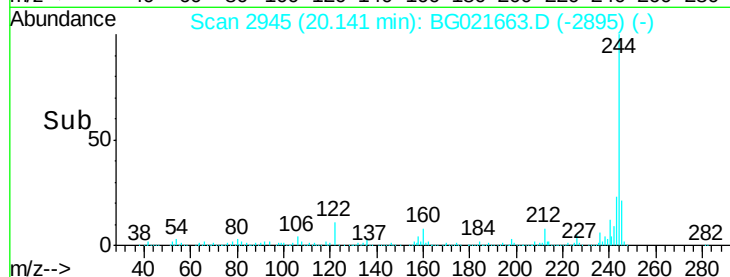
122 11.0 8.6 12.8



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: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021663.D

Acq: 14 Apr 2016 21:53

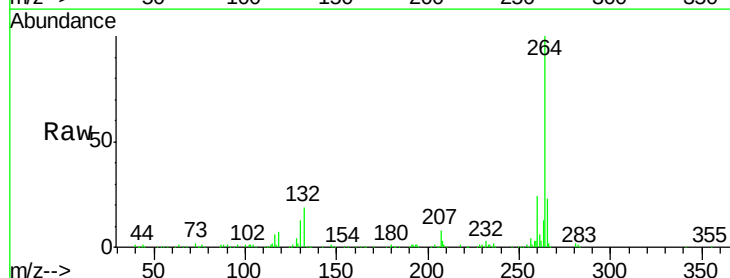
Tgt Ion:264 Resp: 236660

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.4

265 22.7 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

