

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016168.D
 Acq On : 27 Mar 2015 8:31
 Operator : TP/IZ
 Sample : G1654-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16-3-24-15

Quant Time: Mar 27 16:02:01 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	47834	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	214023	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	133527	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	290515	20.00	ng	0.00
75) Chrysene-d12	21.32	240	298984	20.00	ng	0.00
86) Perylene-d12	23.61	264	292202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	159930	55.96	ng	0.00
7) Phenol-d6	6.96	99	134345	33.77	ng	0.00
23) Nitrobenzene-d5	8.94	82	331050	95.91	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	236773	154.42	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	821959	103.04	ng	0.00
78) Terphenyl-d14	19.78	244	1151149	96.97	ng	0.00

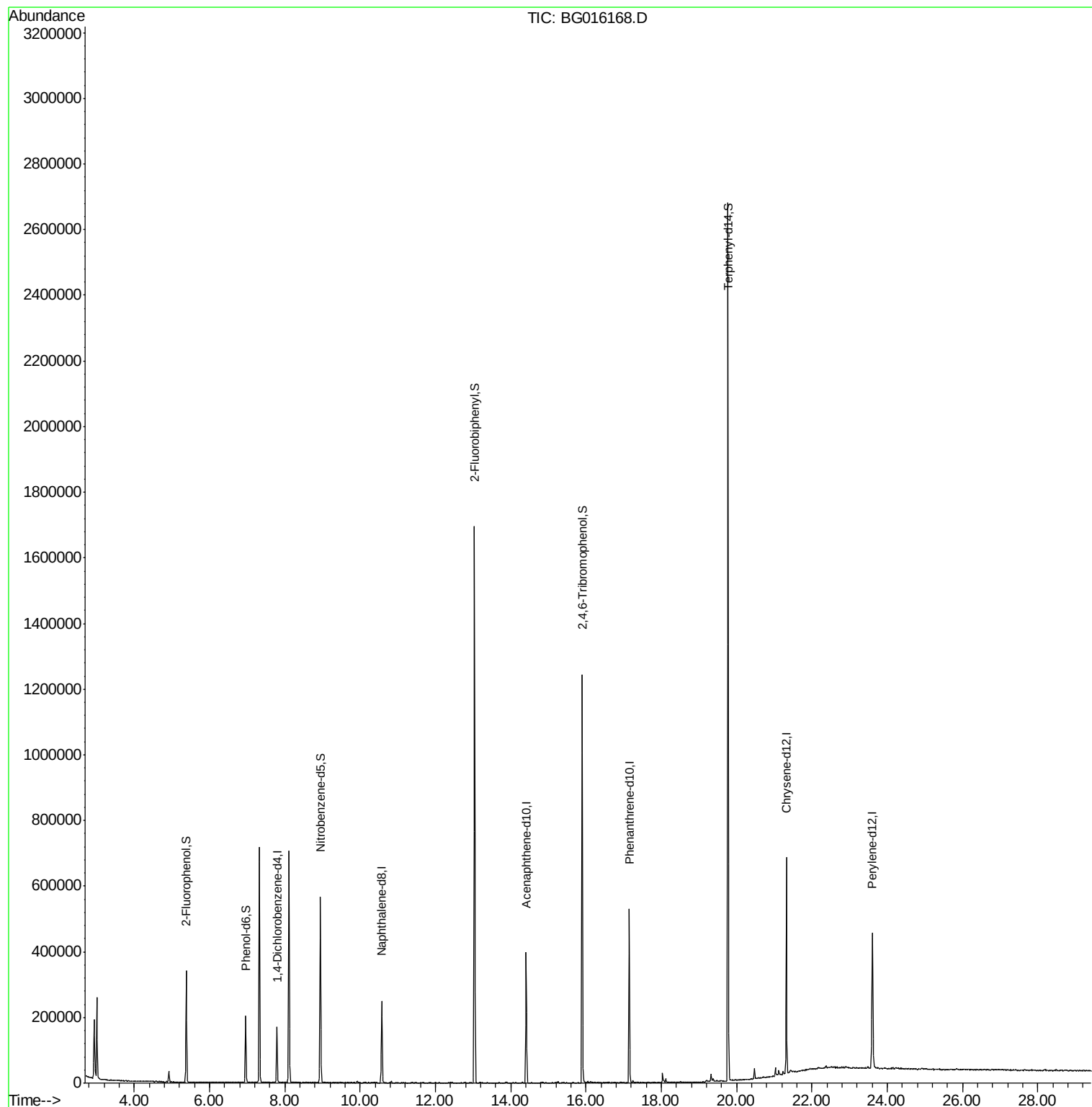
Target Compounds	Qvalue
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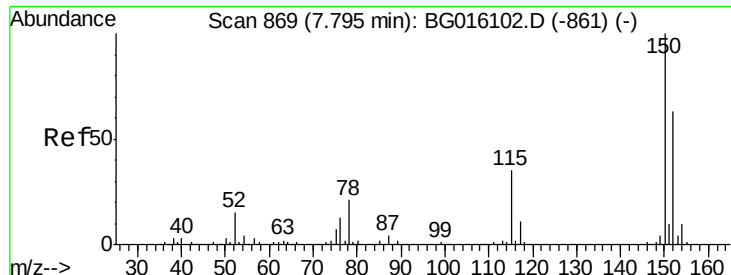
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016168.D

Acq: 27 Mar 2015 8:31

Instrument :

BNA_G

ClientSampleId :

LIP-16-3-24-15

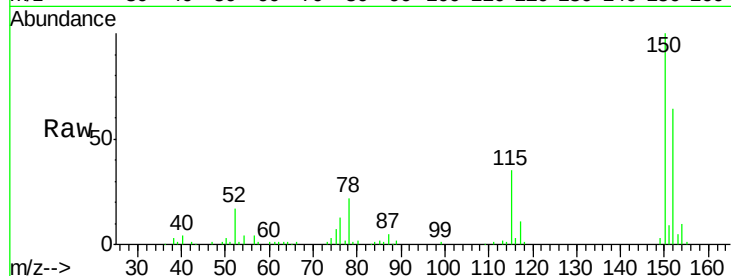
Tgt Ion:152 Resp: 47834

Ion Ratio Lower Upper

152 100

150 157.2 126.1 189.1

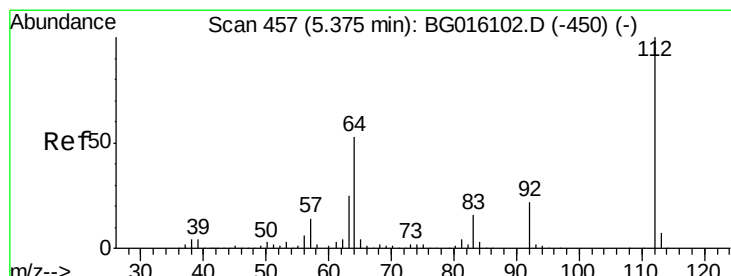
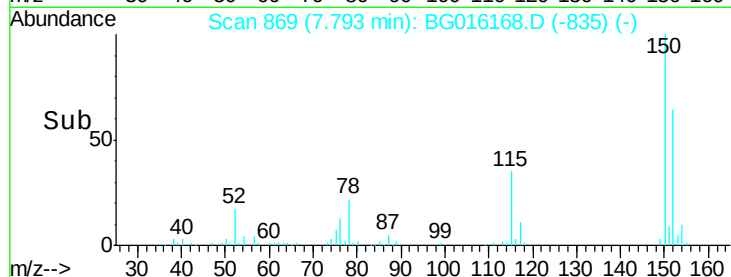
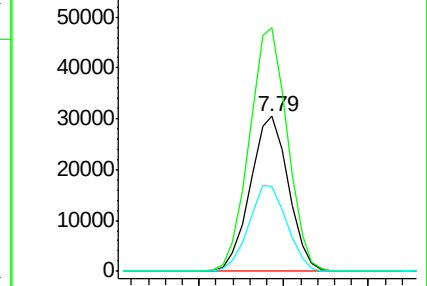
115 55.1 43.7 65.5



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: 55.96 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016168.D

Acq: 27 Mar 2015 8:31

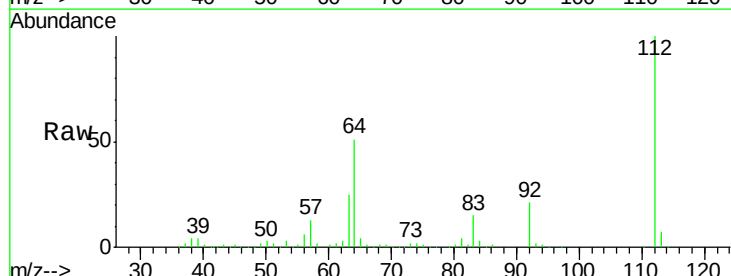
Tgt Ion:112 Resp: 159930

Ion Ratio Lower Upper

112 100

64 51.4 42.6 64.0

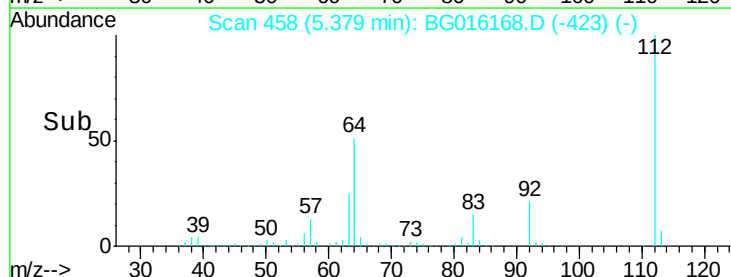
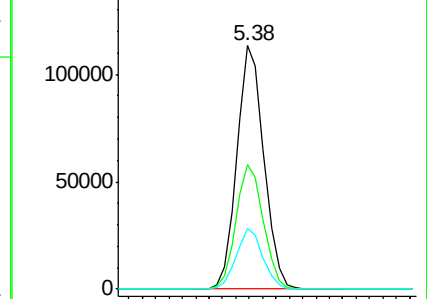
63 24.6 19.9 29.9

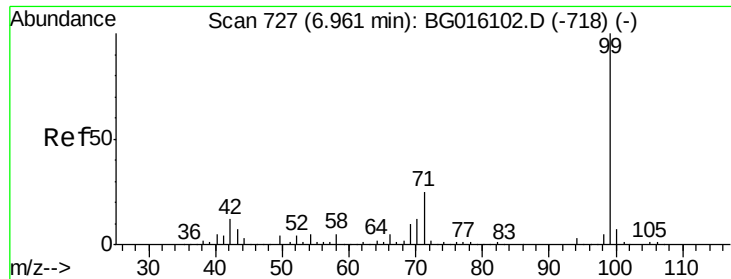


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 33.77 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016168.D

Acq: 27 Mar 2015 8:31

Instrument :

BNA_G

ClientSampleId :

LIP-16-3-24-15

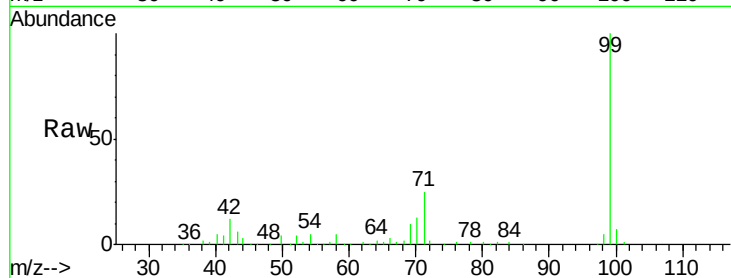
Tgt Ion: 99 Resp: 134345

Ion Ratio Lower Upper

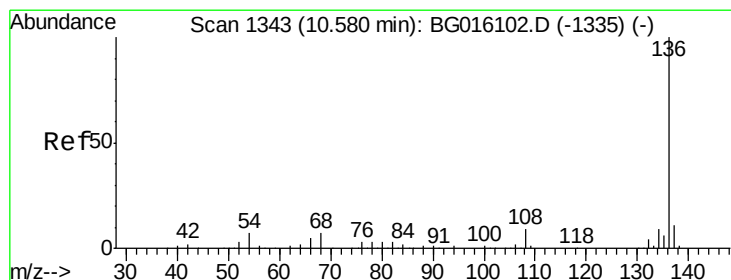
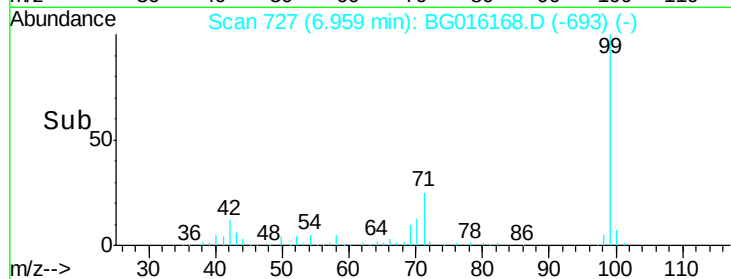
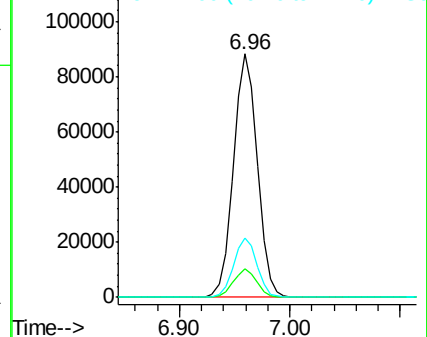
99 100

42 11.8 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: BG016168.D

Acq: 27 Mar 2015 8:31

Tgt Ion: 136 Resp: 214023

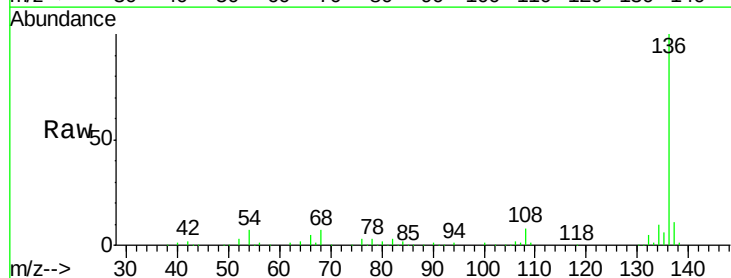
Ion Ratio Lower Upper

136 100

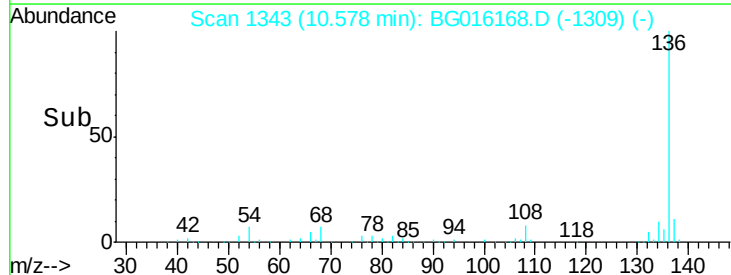
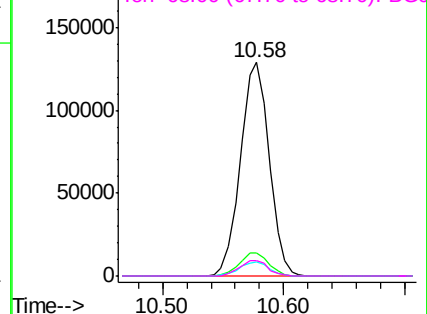
137 11.0 9.0 13.4

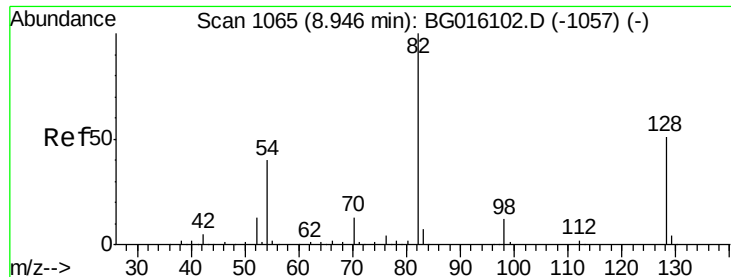
54 6.8 5.5 8.3

68 7.2 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

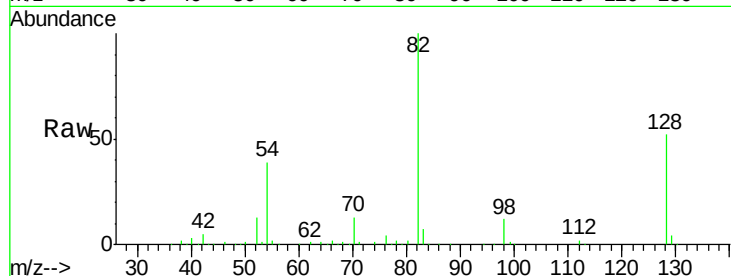




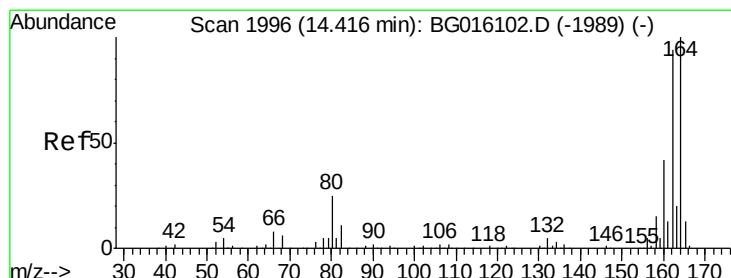
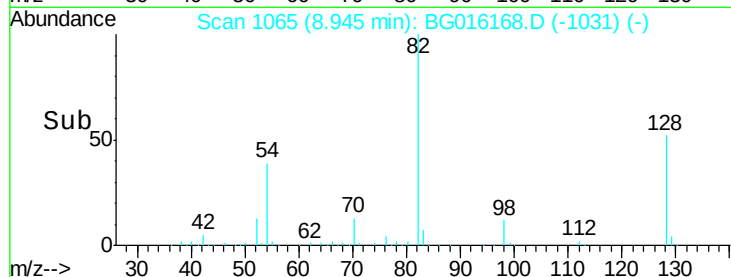
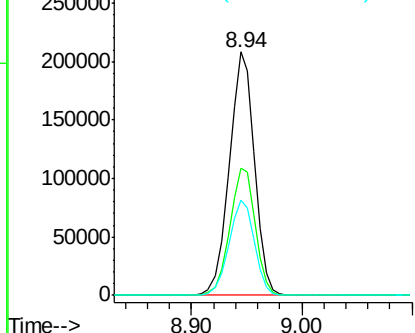
#23
 Nitrobenzene-d5
 Concen: 95.91 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016168.D
 Acq: 27 Mar 2015 8:31

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16-3-24-15

Tgt Ion: 82 Resp: 331050
 Ion Ratio Lower Upper
 82 100
 128 52.3 40.4 60.6
 54 39.3 32.1 48.1

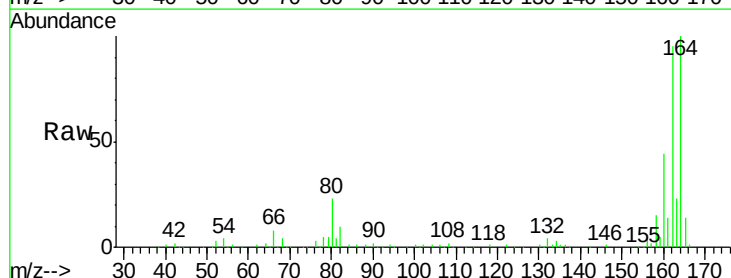


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

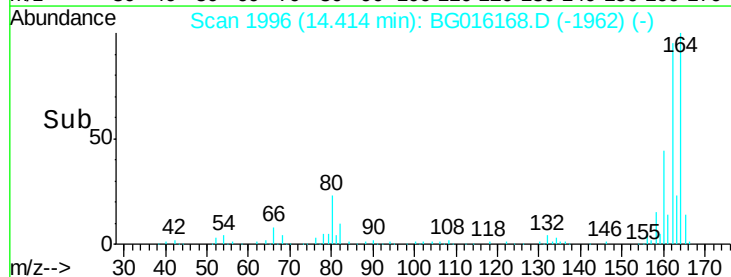
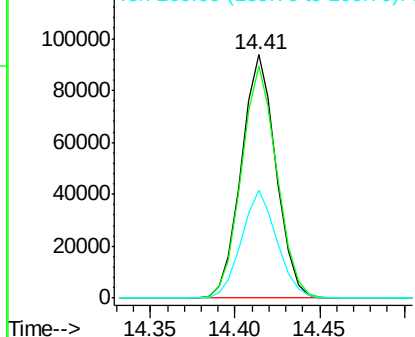


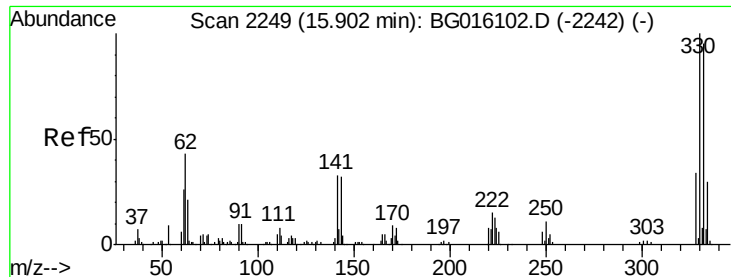
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG016168.D
 Acq: 27 Mar 2015 8:31

Tgt Ion: 164 Resp: 133527
 Ion Ratio Lower Upper
 164 100
 162 95.3 75.2 112.8
 160 44.1 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

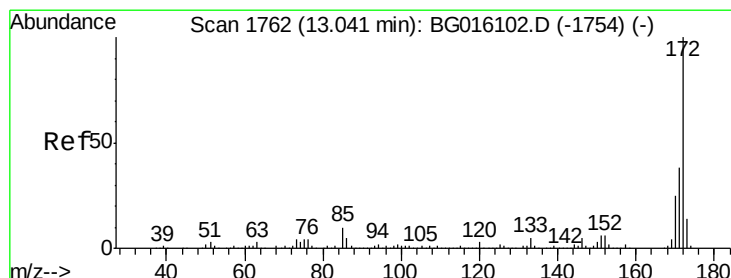
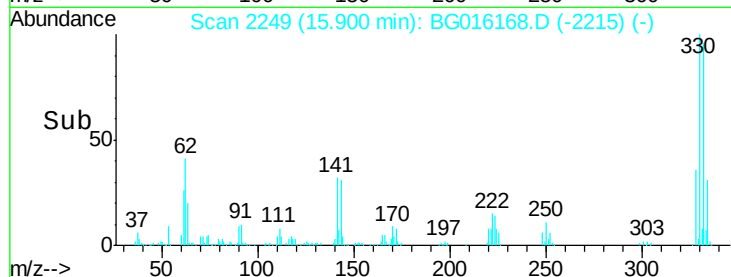
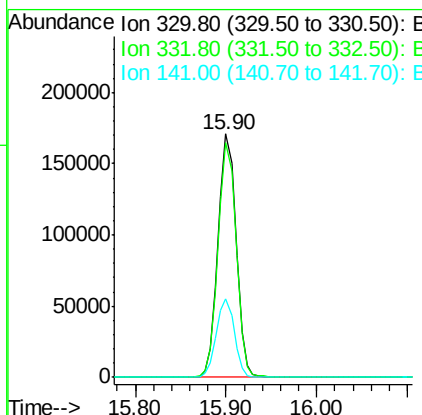
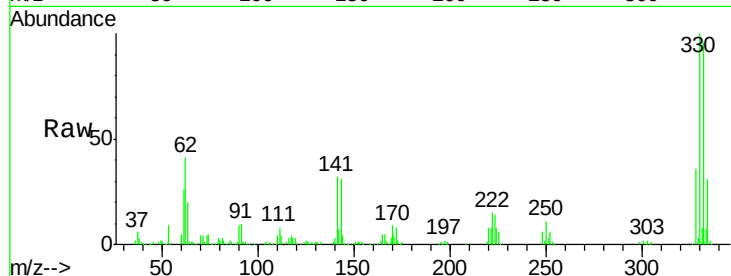




#41
 2,4,6-Tribromophenol
 Concen: 154.42 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016168.D
 Acq: 27 Mar 2015 8:31

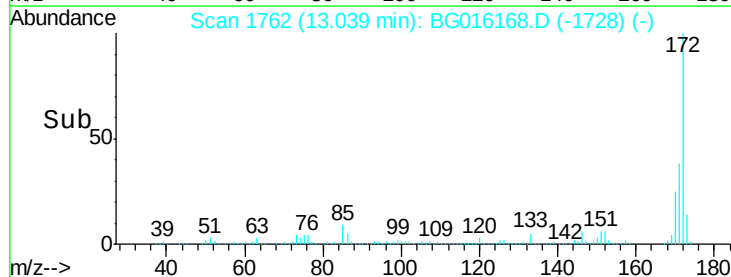
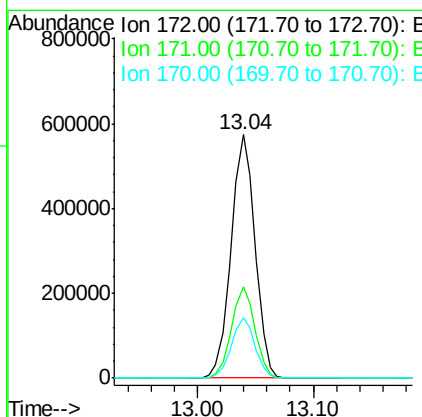
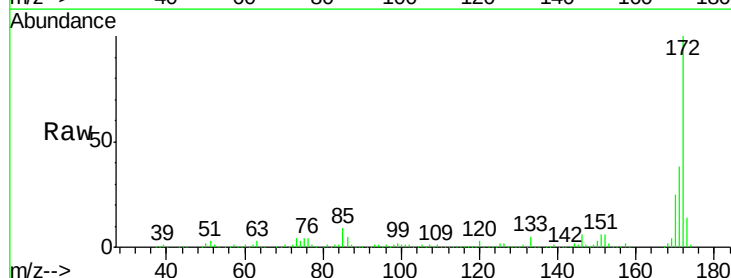
Instrument :
 BNA_G
 ClientSampleId :
 LIP-16-3-24-15

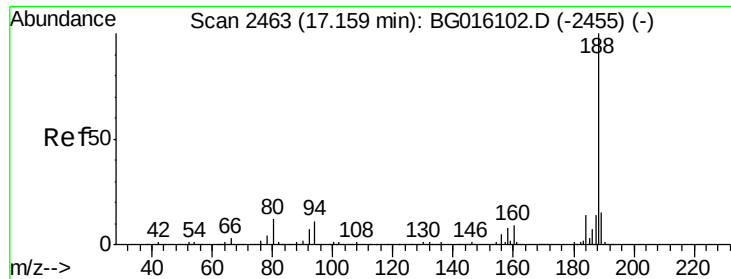
Tgt Ion:330 Resp: 236773
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 32.2 26.2 39.4



#44
 2-Fluorobiphenyl
 Concen: 103.04 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016168.D
 Acq: 27 Mar 2015 8:31

Tgt Ion:172 Resp: 821959
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.3 45.5
 170 24.9 19.8 29.8

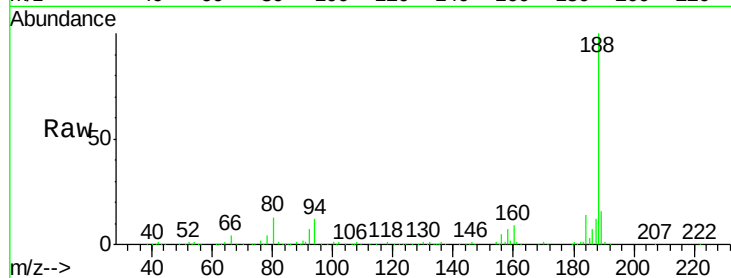




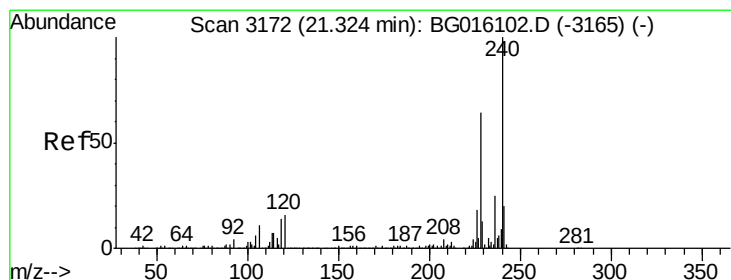
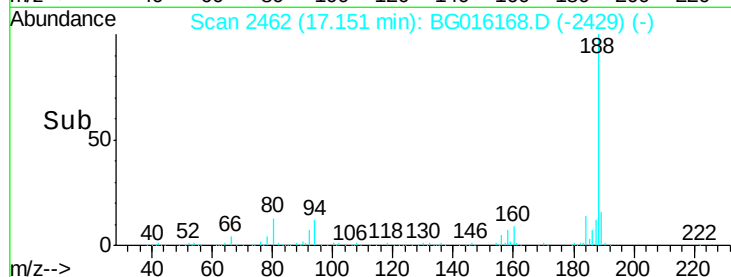
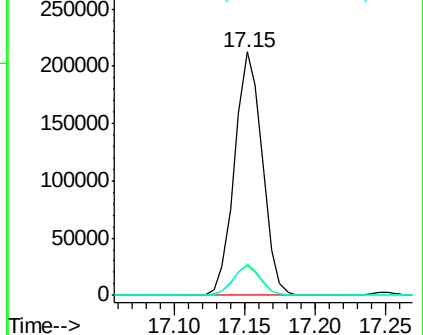
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016168.D
Acq: 27 Mar 2015 8:31

Instrument :
BNA_G
ClientSampleId :
LIP-16-3-24-15

Tgt Ion:188 Resp: 290515
Ion Ratio Lower Upper
188 100
94 12.4 9.1 13.7
80 12.7 9.8 14.8

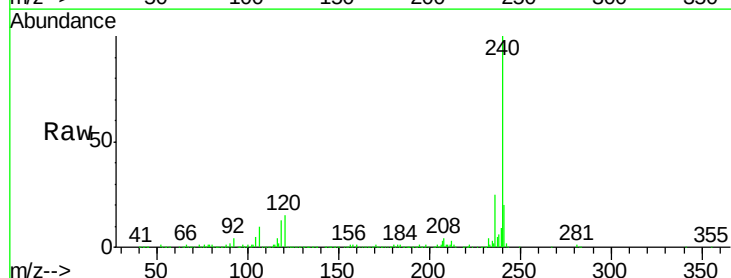


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

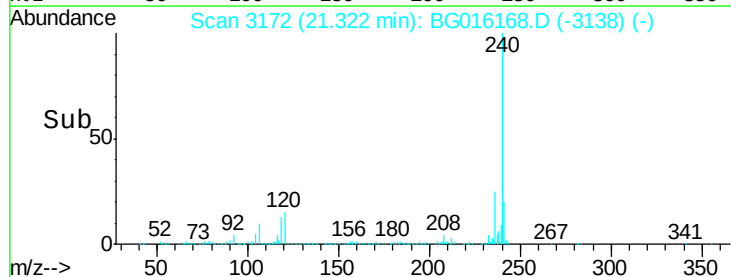
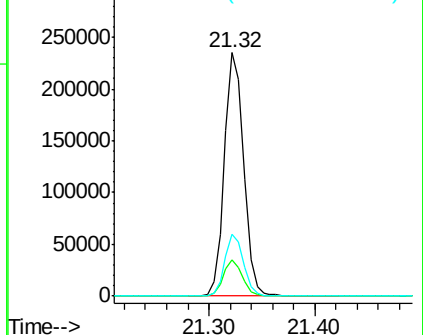


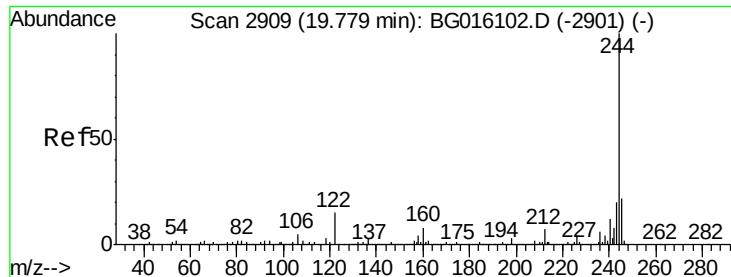
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG016168.D
Acq: 27 Mar 2015 8:31

Tgt Ion:240 Resp: 298984
Ion Ratio Lower Upper
240 100
120 15.2 13.0 19.4
236 25.5 20.2 30.2



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: 96.97 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016168.D

Acq: 27 Mar 2015 8:31

Instrument :

BNA_G

ClientSampleId :

LIP-16-3-24-15

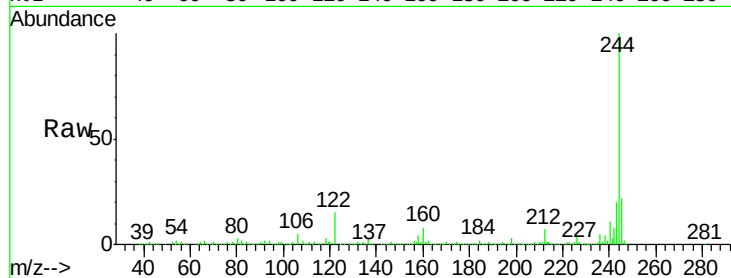
Tgt Ion:244 Resp: 1151149

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

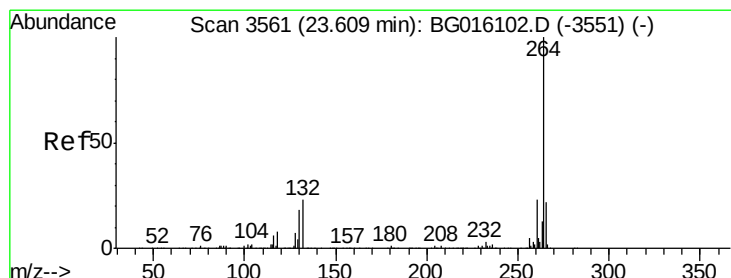
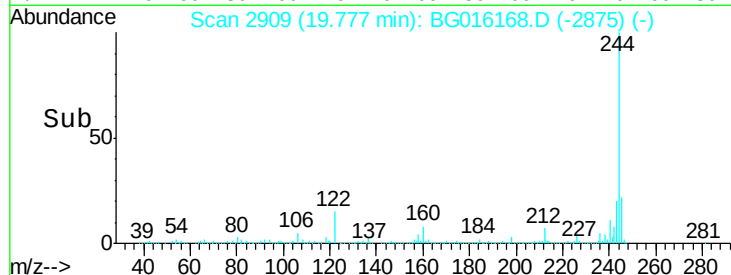
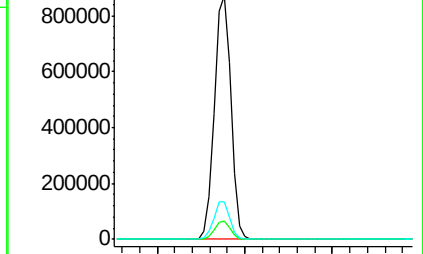
122 15.2 12.2 18.2



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: 23.61 min Scan# 3561

Delta R.T. -0.00 min

Lab File: BG016168.D

Acq: 27 Mar 2015 8:31

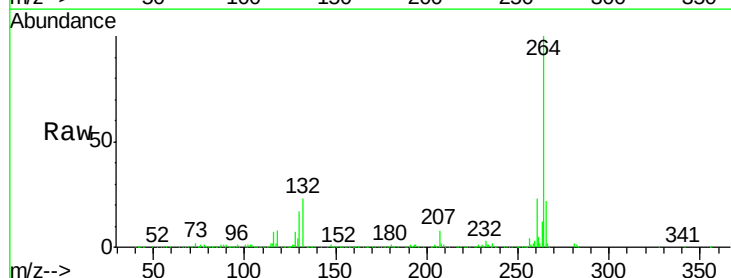
Tgt Ion:264 Resp: 292202

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.6 17.3 25.9



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

