

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021672.D
 Acq On : 15 Apr 2016 3:49
 Operator : UM/SJ
 Sample : PB89766BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BL

Quant Time: Apr 15 05:39:32 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	8.22	152	26108	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	121309	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	84405	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	203470	20.00	ng	0.00
75) Chrysene-d12	21.83	240	229750	20.00	ng	0.00
86) Perylene-d12	25.15	264	222248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	247102	157.61	ng	0.00
7) Phenol-d6	7.37	99	376128	160.61	ng	0.00
23) Nitrobenzene-d5	9.38	82	217326	92.08	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	153313	168.54	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	536838	93.19	ng	0.00
78) Terphenyl-d14	20.15	244	854822	92.84	ng	0.00

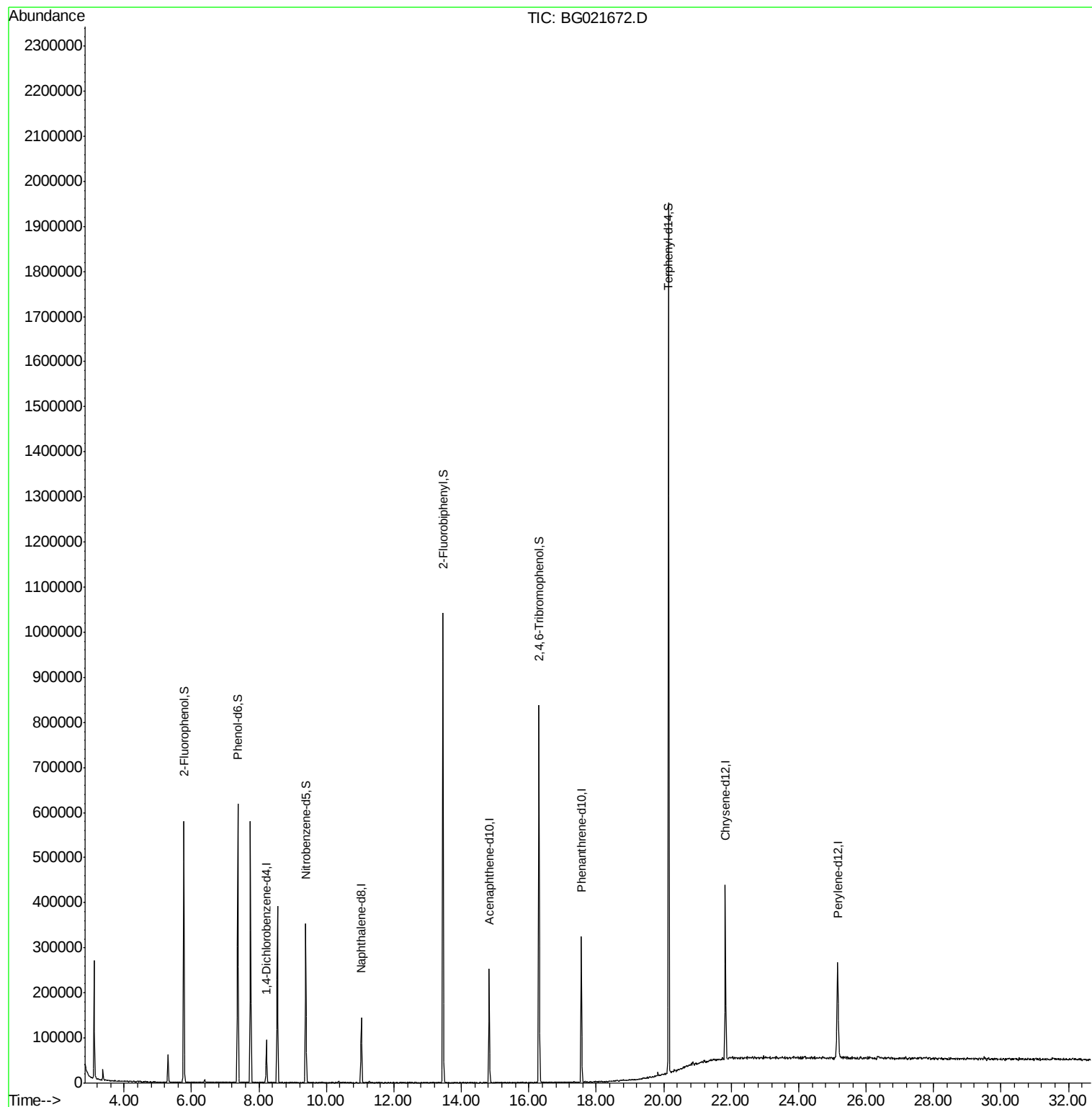
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 916

Delta R.T. -0.00 min

Lab File: BG021672.D

Acq: 15 Apr 2016 3:49

Instrument :

BNA_G

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PB89766BL

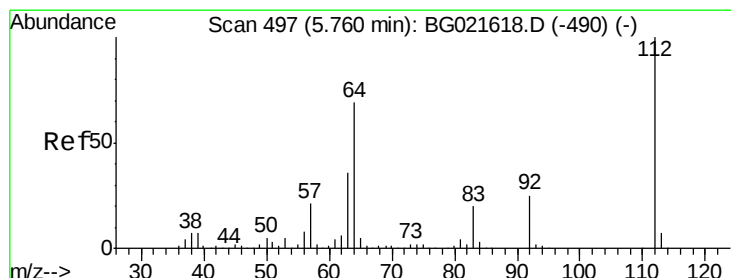
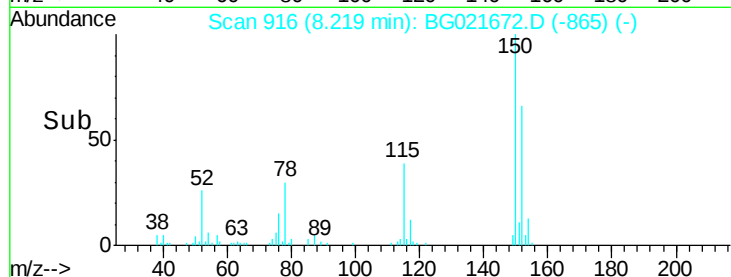
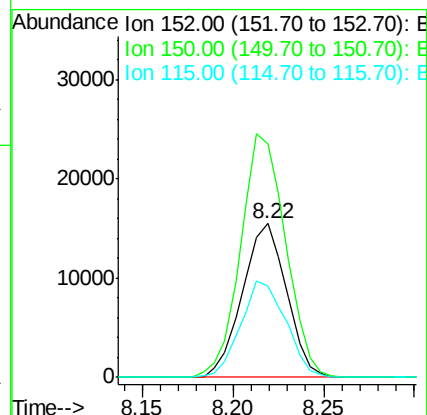
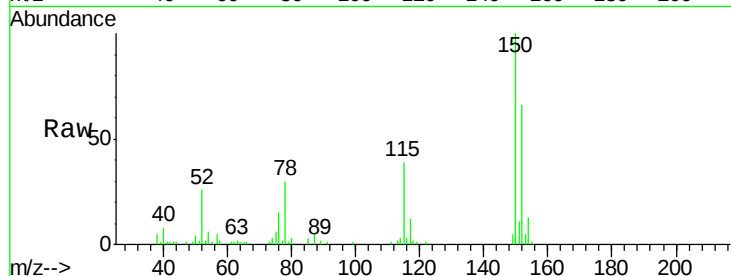
Tgt Ion:152 Resp: 26108

Ion Ratio Lower Upper

152 100

150 152.1 130.1 195.1

115 59.7 62.2 93.2#



#5

2-Fluorophenol

Concen: 157.61 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

Lab File: BG021672.D

Acq: 15 Apr 2016 3:49

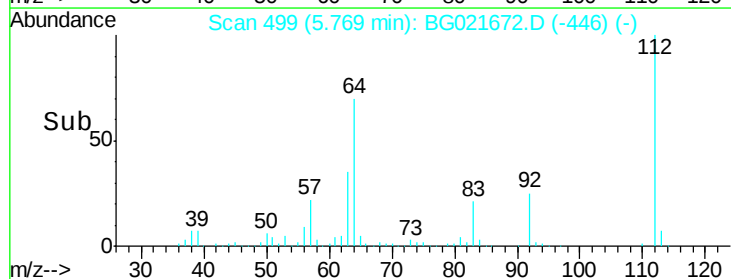
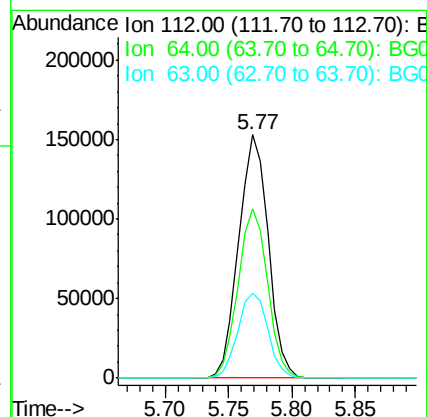
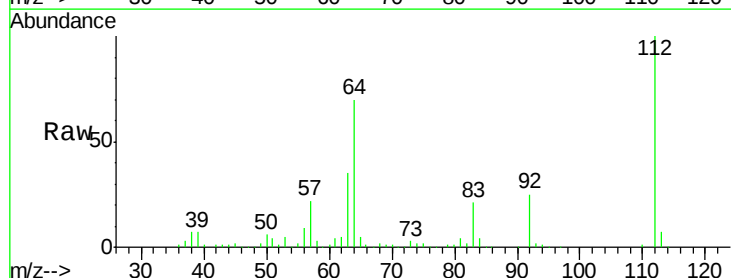
Tgt Ion:112 Resp: 247102

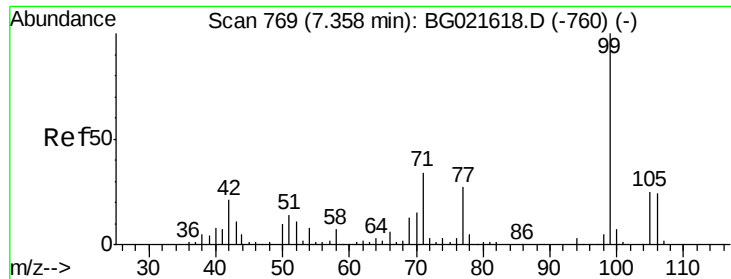
Ion Ratio Lower Upper

112 100

64 69.7 51.1 76.7

63 34.9 24.6 37.0





#7

Phenol-d6

Concen: 160.61 ng

RT: 7.37 min Scan# 771

Delta R.T. 0.01 min

Lab File: BG021672.D

Acq: 15 Apr 2016 3:49

Instrument :

BNA_G

ClientSampleId :

PB89766BL

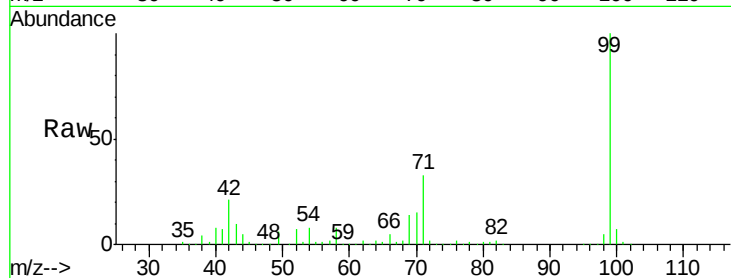
Tgt Ion: 99 Resp: 376128

Ion Ratio Lower Upper

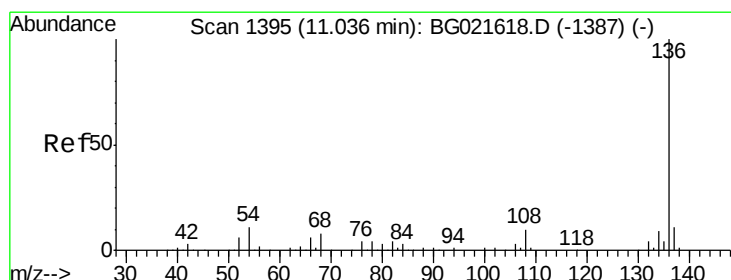
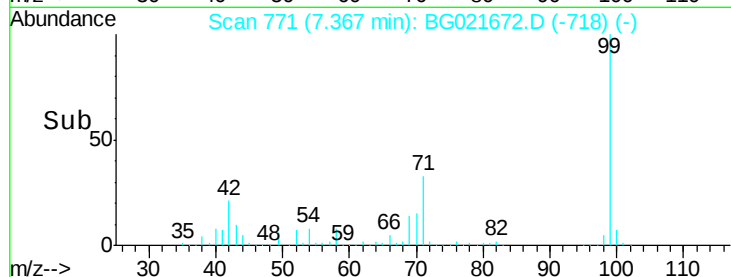
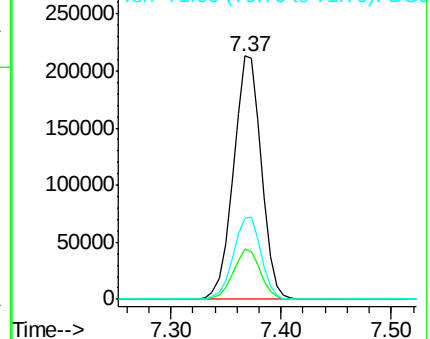
99 100

42 20.7 16.4 24.6

71 33.4 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: BG021672.D

Acq: 15 Apr 2016 3:49

Tgt Ion: 136 Resp: 121309

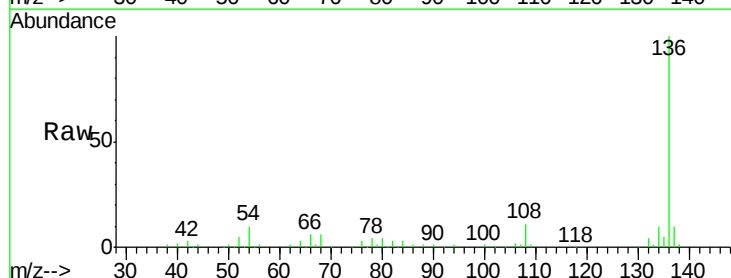
Ion Ratio Lower Upper

136 100

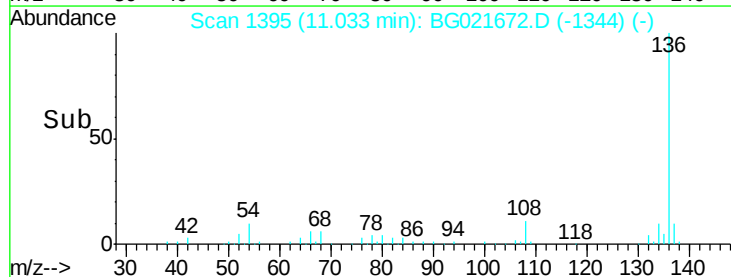
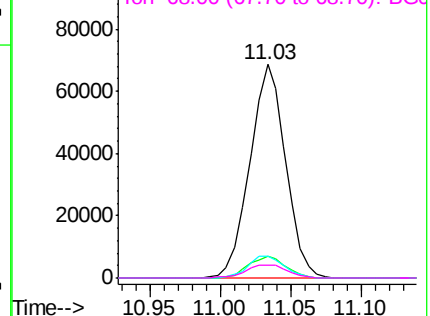
137 10.1 9.0 13.4

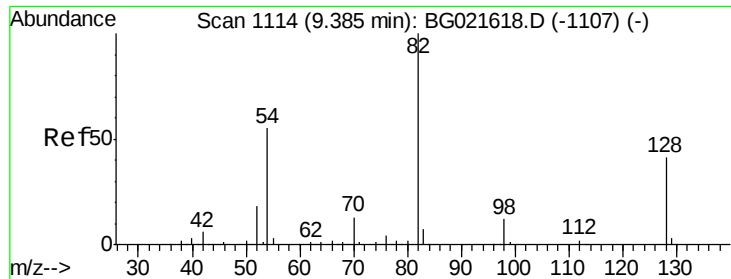
54 10.0 9.6 14.4

68 6.2 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

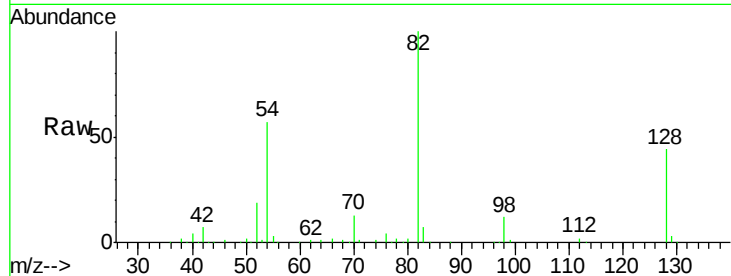




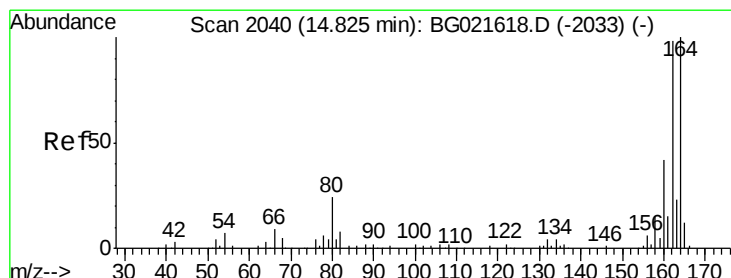
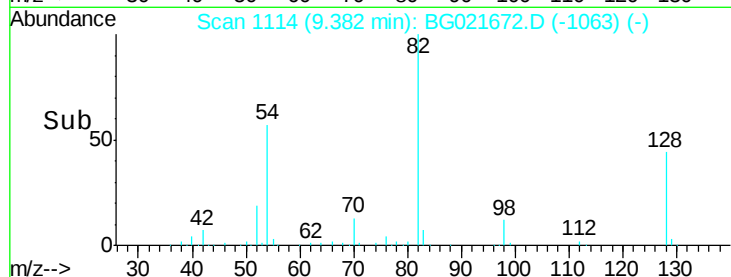
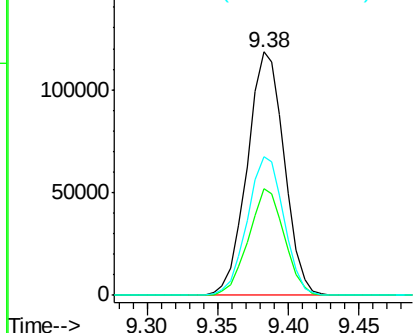
#23
 Nitrobenzene-d5
 Concen: 92.08 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BG021672.D
 Acq: 15 Apr 2016 3:49

Instrument :
 BNA_G
 ClientSampleID :
 PB89766BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	57.1	46.1	69.1

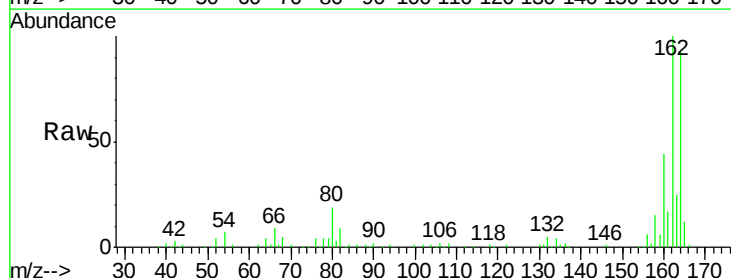


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

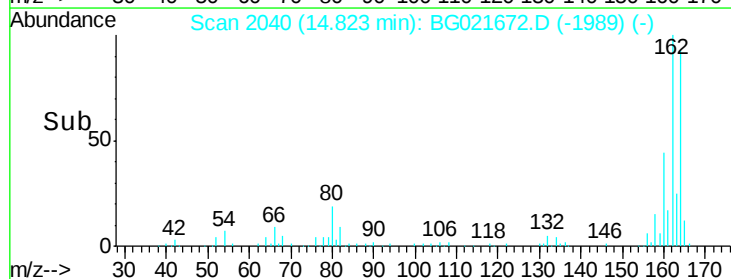
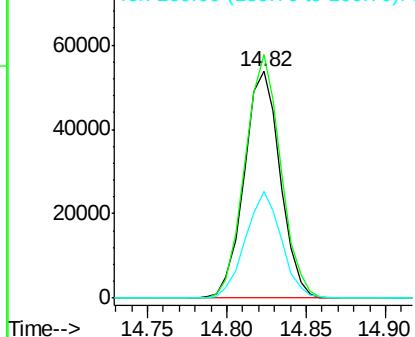


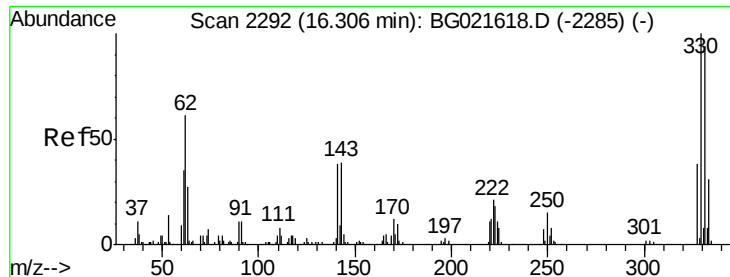
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021672.D
 Acq: 15 Apr 2016 3:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.5	78.0	117.0
160	47.2	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

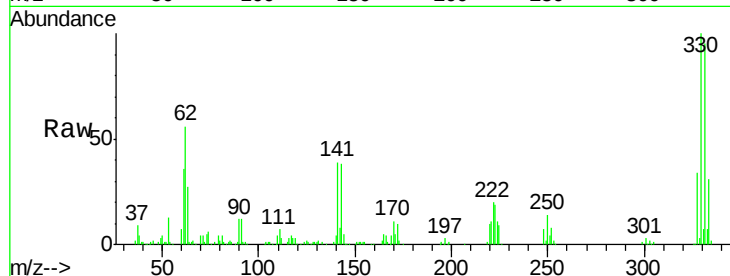




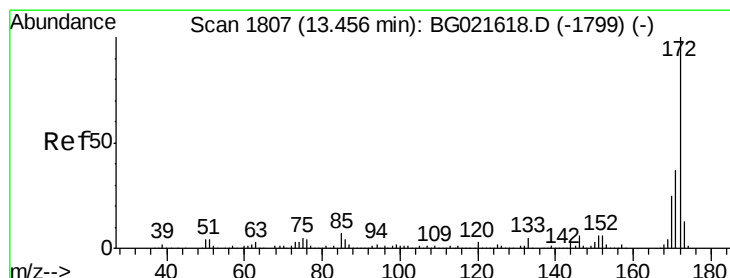
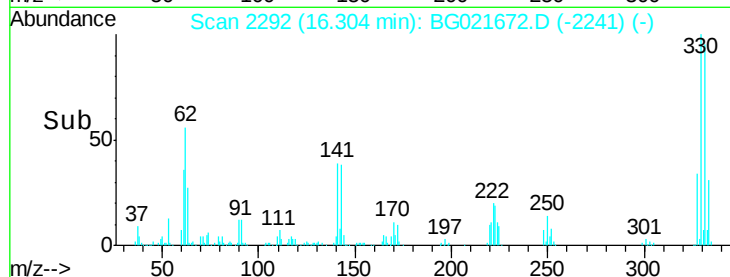
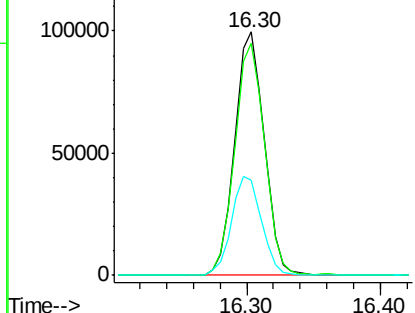
#41
 2,4,6-Tribromophenol
 Concen: 168.54 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG021672.D
 Acq: 15 Apr 2016 3:49

Instrument :
 BNA_G
 ClientSampleId :
 PB89766BL

Tgt Ion: 330 Resp: 153313
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.0 117.0
 141 41.2 33.8 50.8

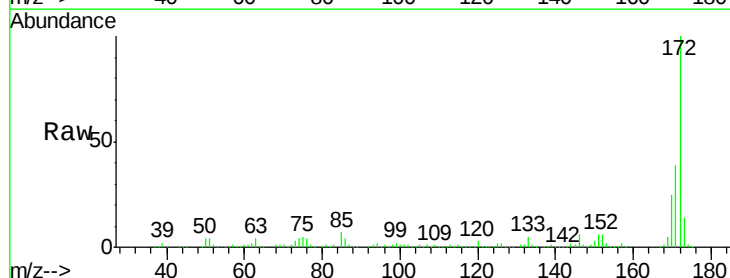


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

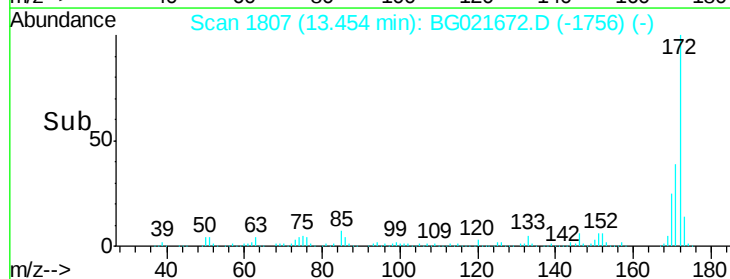
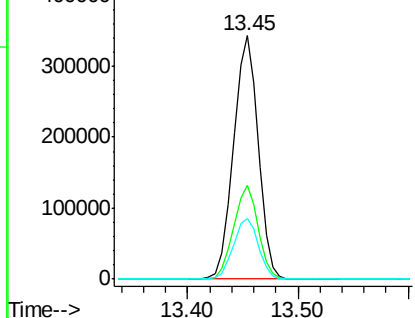


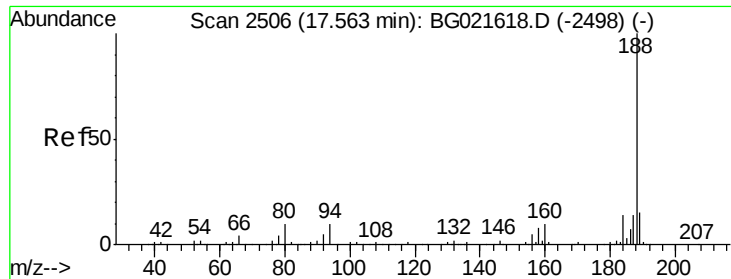
#44
 2-Fluorobiphenyl
 Concen: 93.19 ng
 RT: 13.45 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: BG021672.D
 Acq: 15 Apr 2016 3:49

Tgt Ion: 172 Resp: 536838
 Ion Ratio Lower Upper
 172 100
 171 38.5 27.8 41.6
 170 25.1 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

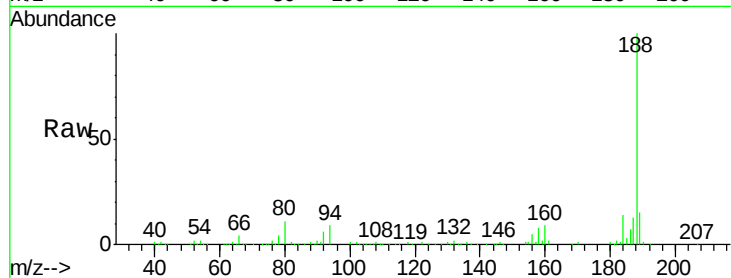




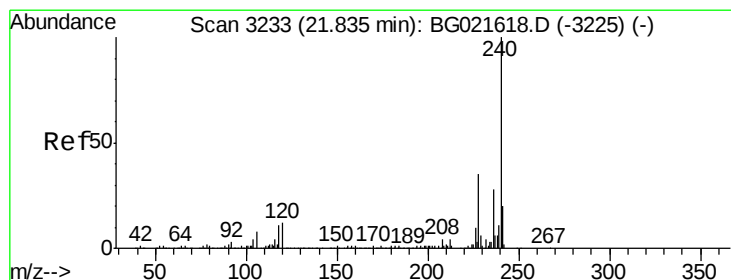
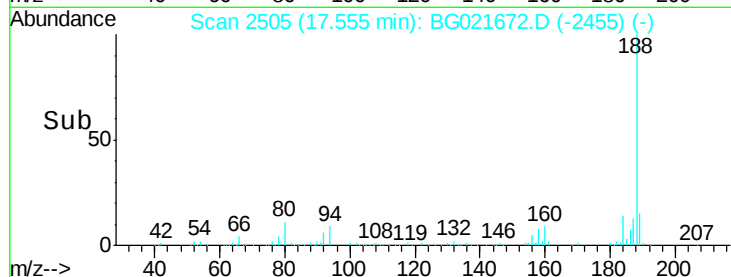
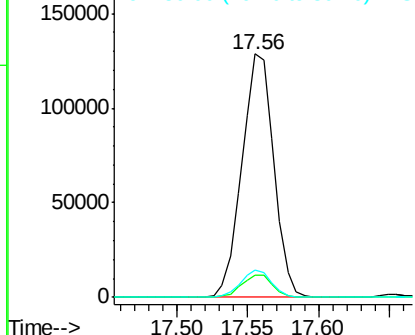
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021672.D
Acq: 15 Apr 2016 3:49

Instrument :
BNA_G
ClientSampleId :
PB89766BL

Tgt Ion:188 Resp: 203470
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 11.4 8.6 13.0

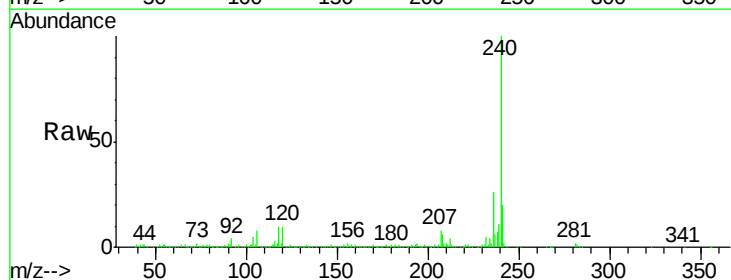


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

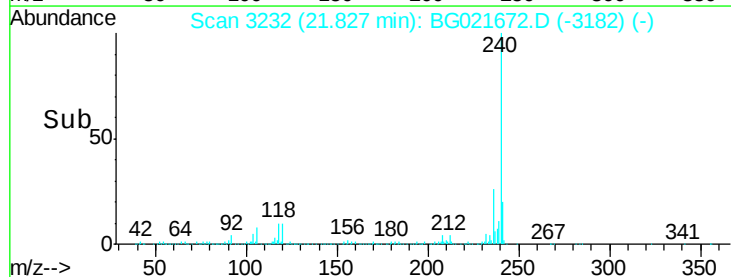
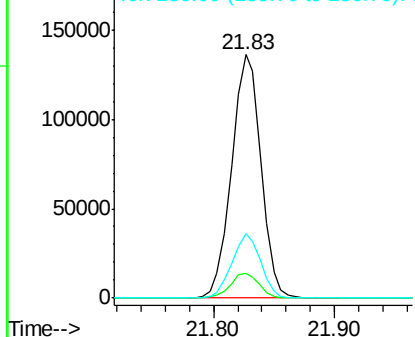


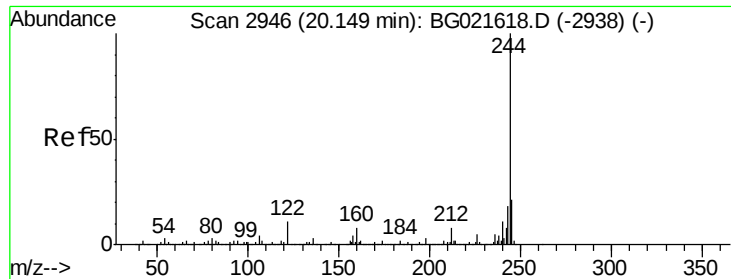
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021672.D
Acq: 15 Apr 2016 3:49

Tgt Ion:240 Resp: 229750
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.4 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

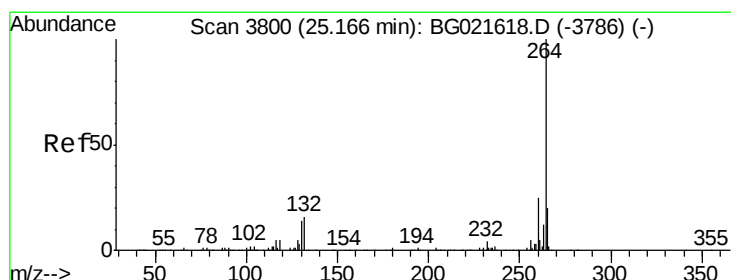
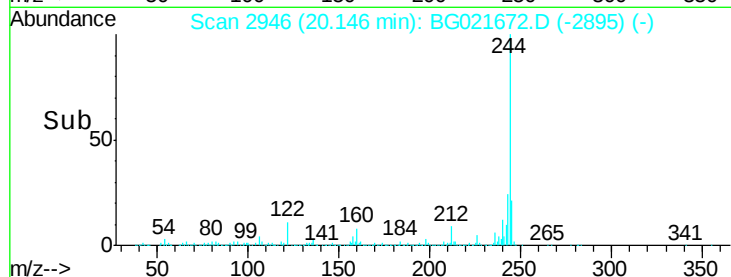
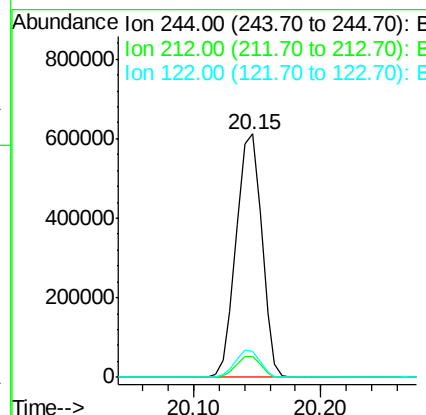
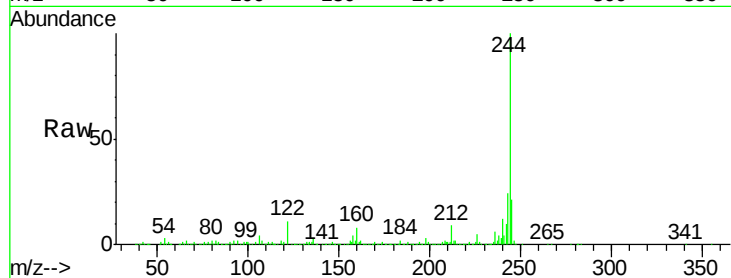




#78
 Terphenyl-d14
 Concen: 92.84 ng
 RT: 20.15 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: BG021672.D
 Acq: 15 Apr 2016 3:49

Instrument :
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 PB89766BL

Tgt Ion:244 Resp: 854822
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.5 9.7
 122 10.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.15 min Scan# 3798
 Delta R.T. -0.01 min
 Lab File: BG021672.D
 Acq: 15 Apr 2016 3:49

Tgt Ion:264 Resp: 222248
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.2 30.4
 265 22.3 17.8 26.8

