

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023302.D
 Acq On : 28 Jul 2016 3:40
 Operator : UM/SJ
 Sample : PB92411BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92411BL

Quant Time: Jul 28 05:33:29 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG072616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:30:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	159966	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	701550	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	462261	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1126593	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1155966	20.00	ng	0.00
86) Perylene-d12	25.30	264	1171193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1348534	143.92	ng	0.00
7) Phenol-d6	7.29	99	1934551	134.47	ng	0.00
23) Nitrobenzene-d5	9.31	82	1223949	85.32	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	806609	168.59	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2400103	97.18	ng	0.00
78) Terphenyl-d14	20.18	244	3183320	89.52	ng	0.00

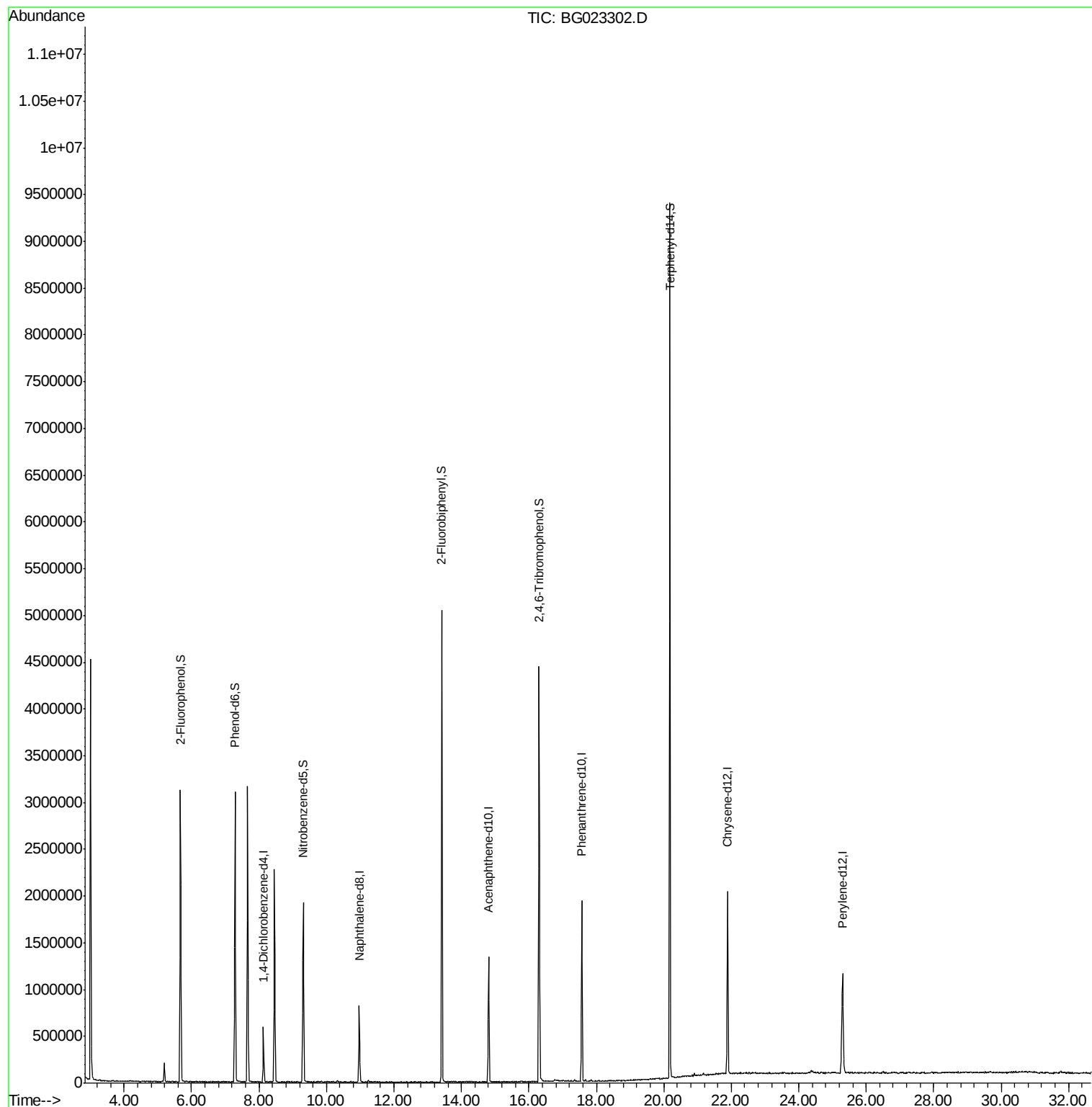
Target Compounds Qvalue

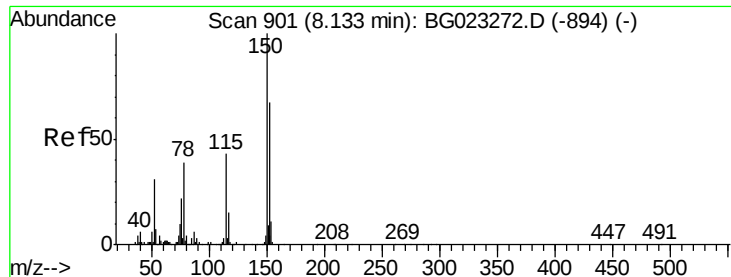
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023302.D

Acq: 28 Jul 2016 3:40

Instrument :

BNA_G

ClientSampleId :

PB92411BL

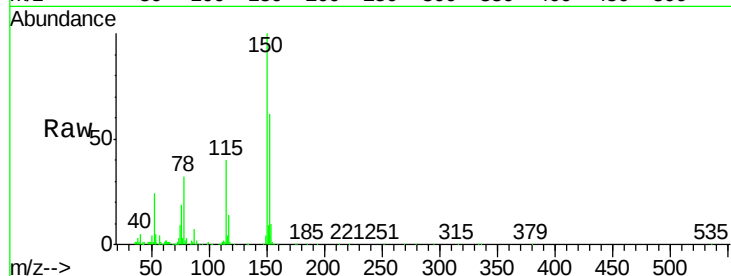
Tot Ion:152 Resp: 159966

Ion Ratio Lower Upper

152 100

150 161.5 144.7 217.1

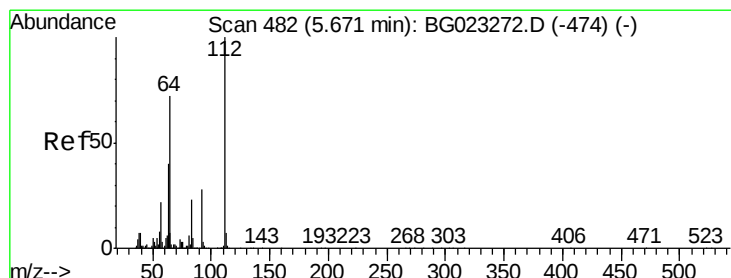
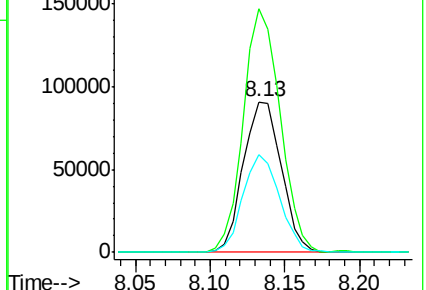
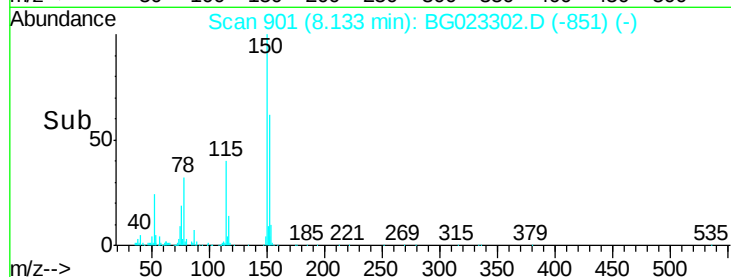
115 64.6 64.0 96.0



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: 143.92 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023302.D

Acq: 28 Jul 2016 3:40

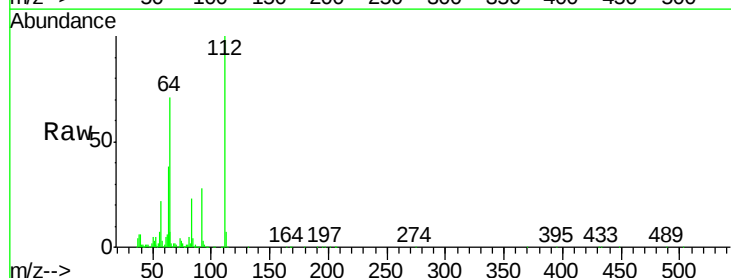
Tgt Ion:112 Resp: 1348534

Ion Ratio Lower Upper

112 100

64 70.8 59.0 88.4

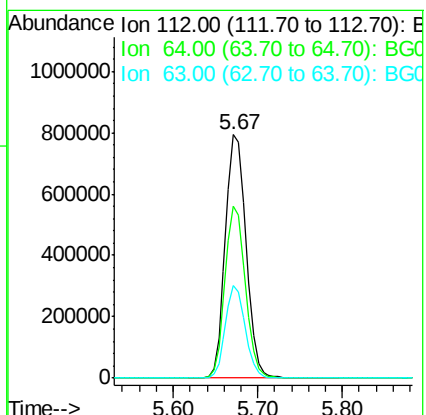
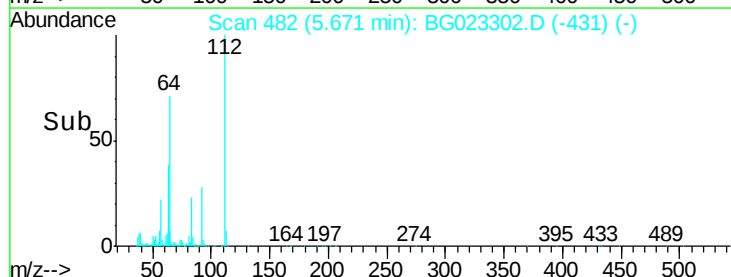
63 37.8 37.8 56.8#

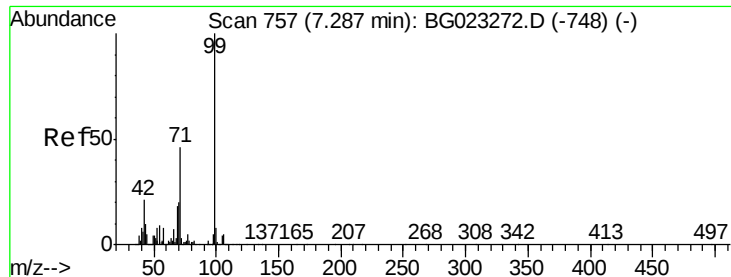


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.47 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023302.D

Acq: 28 Jul 2016 3:40

Instrument :

BNA_G

ClientSampleId :

PB92411BL

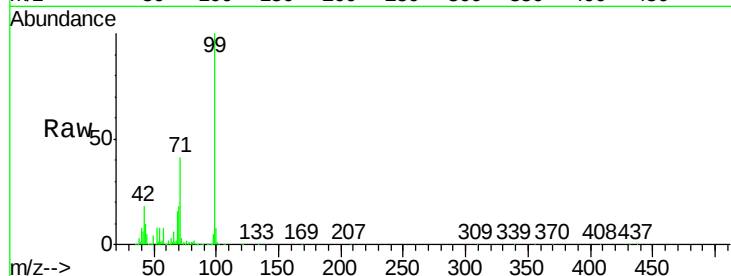
Tot Ion: 99 Resp: 1934551

Ion Ratio Lower Upper

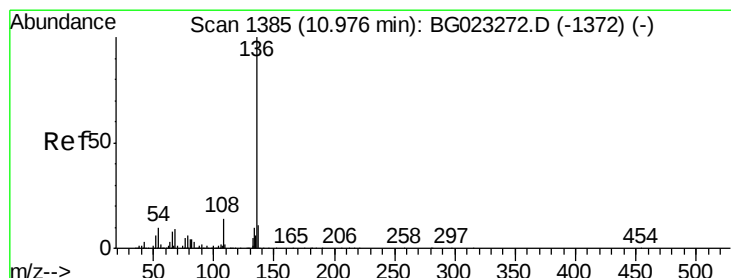
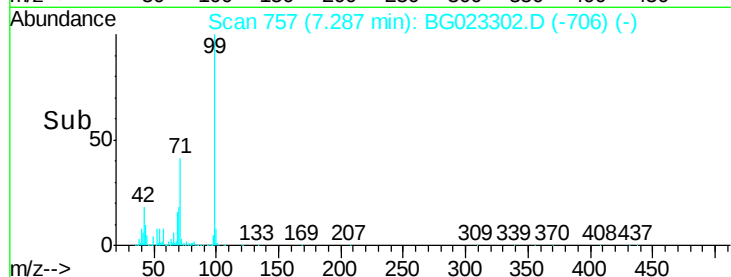
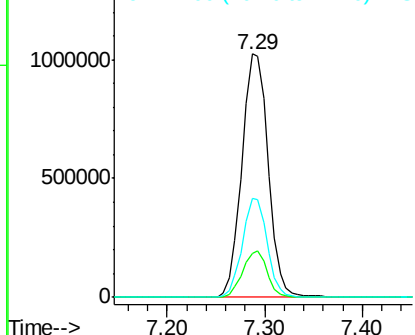
99 100

42 18.2 17.8 26.6

71 40.9 41.5 62.3#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023302.D

Acq: 28 Jul 2016 3:40

Tgt Ion: 136 Resp: 701550

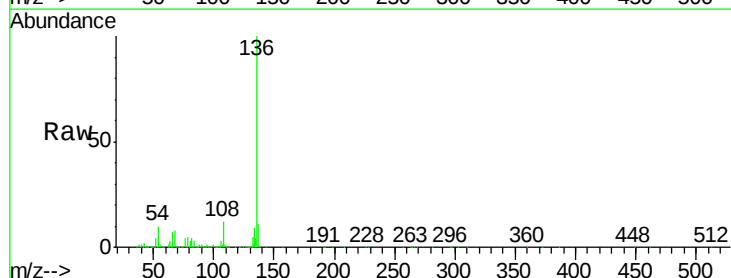
Ion Ratio Lower Upper

136 100

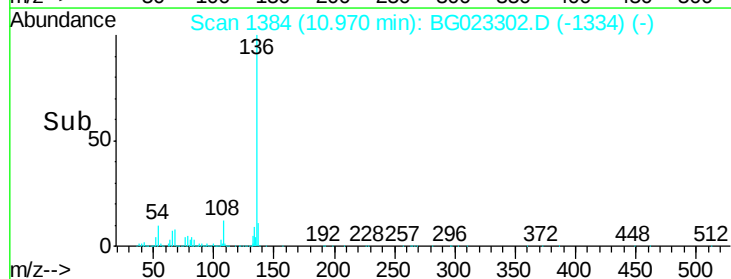
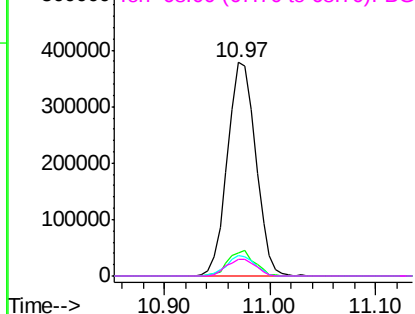
137 11.0 9.6 14.4

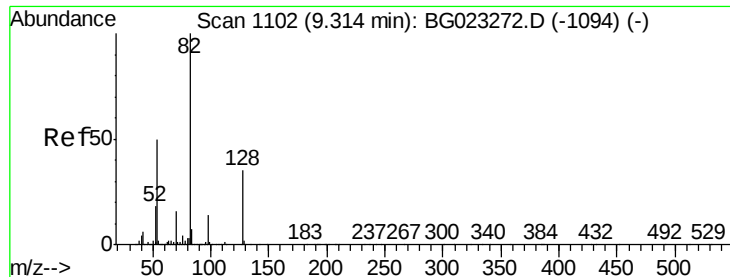
54 9.9 7.3 10.9

68 7.9 5.3 7.9



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

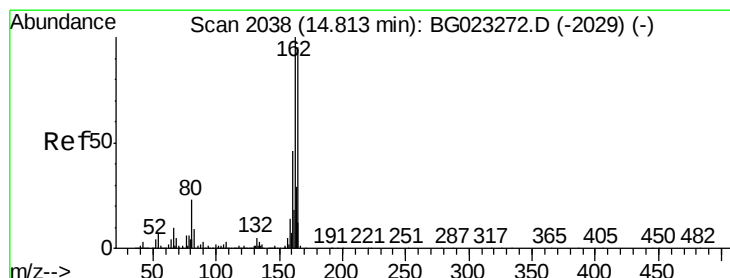
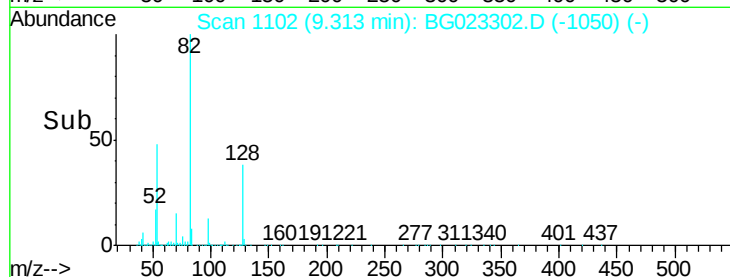
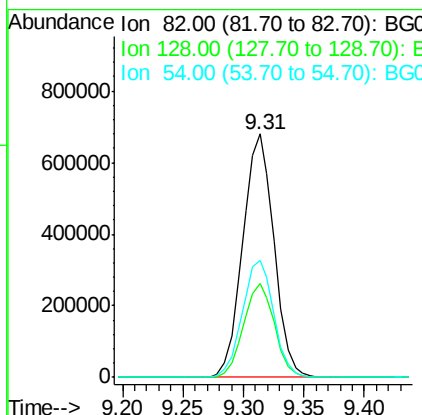
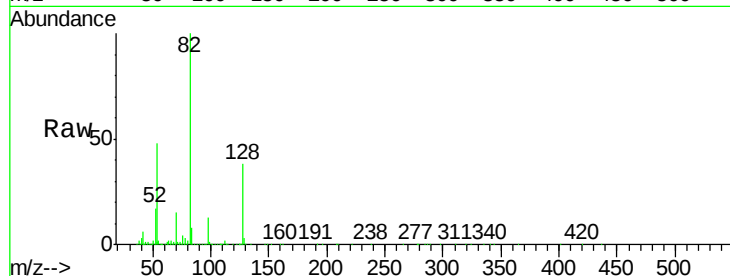




#23
Nitrobenzene-d5
Concen: 85.32 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023302.D
Acq: 28 Jul 2016 3:40

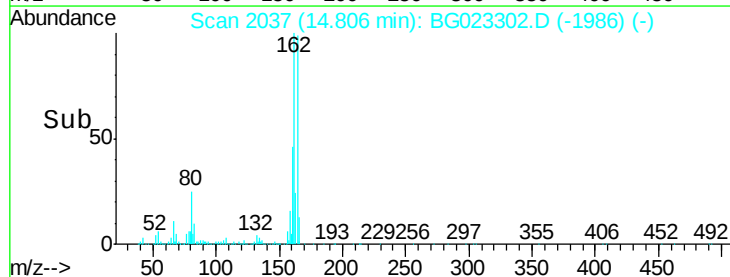
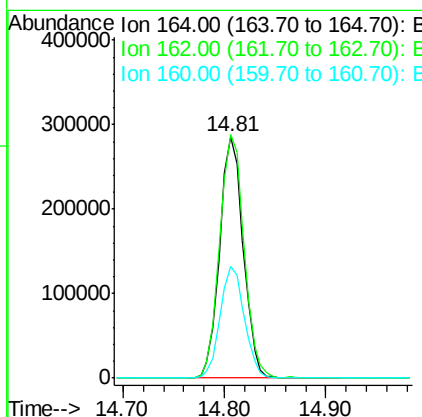
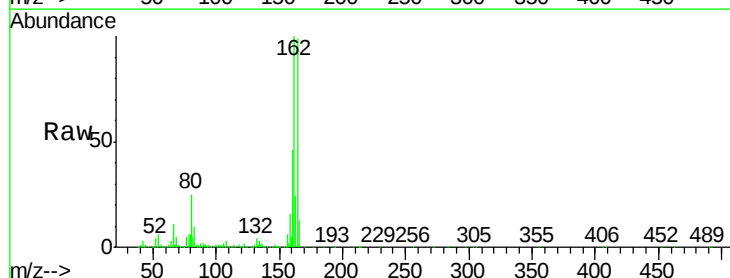
Instrument :
BNA_G
ClientSampleId :
PB92411BL

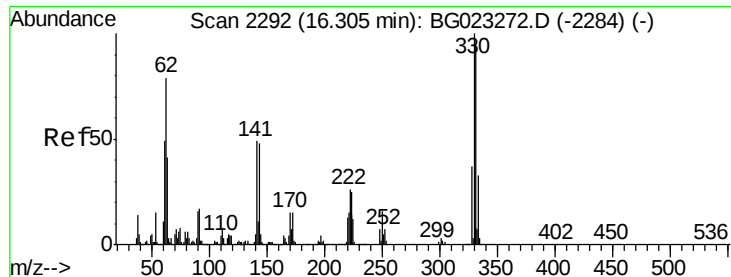
Tot Ion: 82 Resp: 1223949
Ion Ratio Lower Upper
82 100
128 38.4 24.4 36.6#
54 47.8 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023302.D
Acq: 28 Jul 2016 3:40

Tgt Ion:164 Resp: 462261
Ion Ratio Lower Upper
164 100
162 100.8 87.7 131.5
160 46.1 37.2 55.8

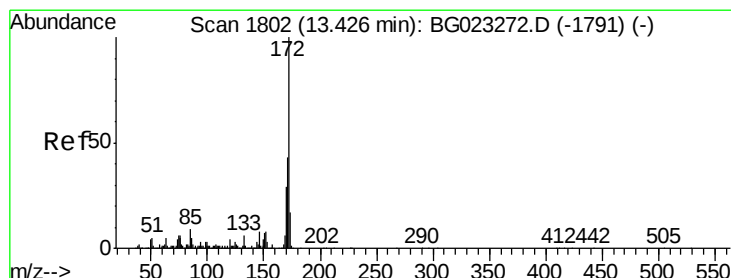
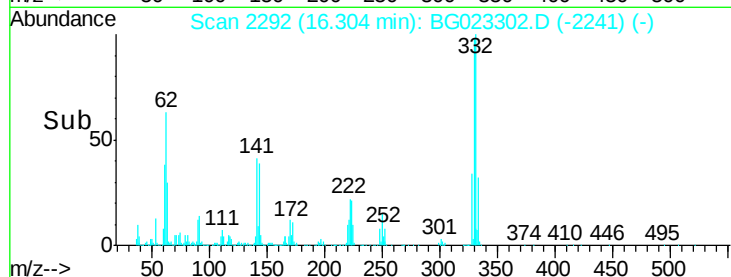
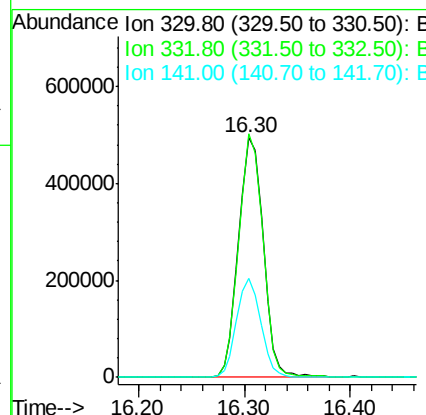
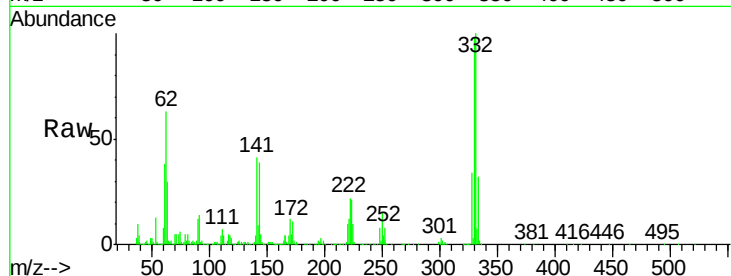




#41
2,4,6-Tribromophenol
Concen: 168.59 ng
RT: 16.30 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG023302.D
Acq: 28 Jul 2016 3:40

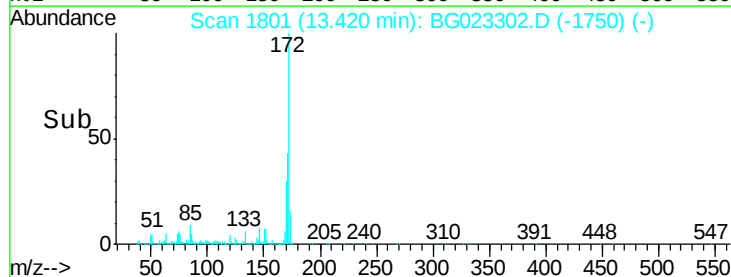
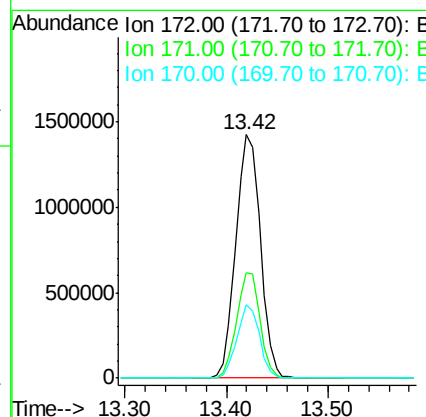
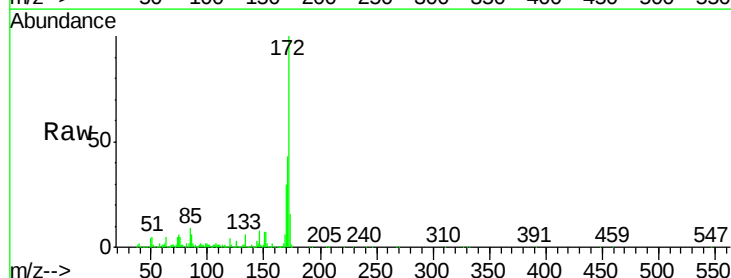
Instrument :
BNA_G
ClientSampleId :
PB92411BL

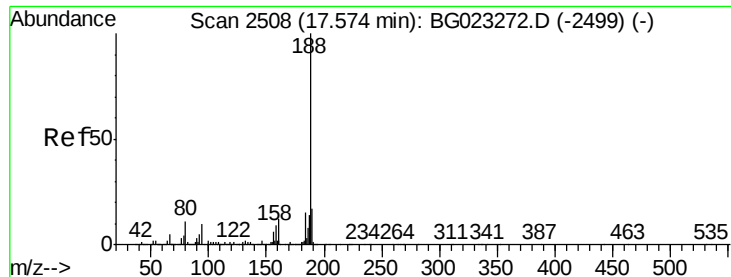
Tot Ion:330 Resp: 806609
Ion Ratio Lower Upper
330 100
332 99.4 77.4 116.2
141 40.3 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 97.18 ng
RT: 13.42 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG023302.D
Acq: 28 Jul 2016 3:40

Tgt Ion:172 Resp: 2400103
Ion Ratio Lower Upper
172 100
171 43.5 31.6 47.4
170 29.9 21.3 31.9

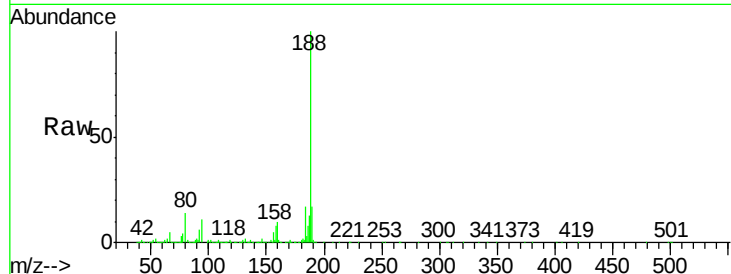




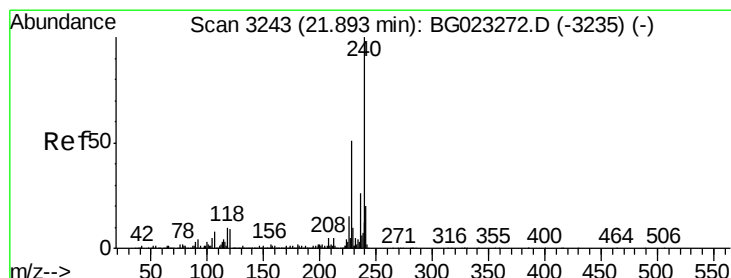
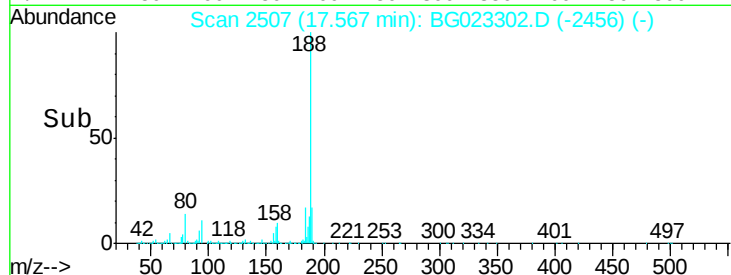
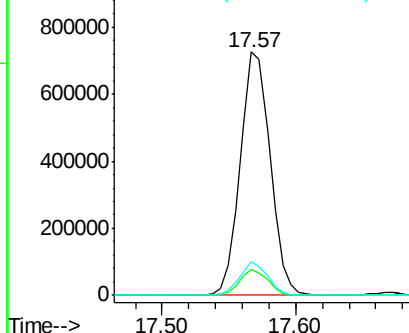
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG023302.D
Acq: 28 Jul 2016 3:40

Instrument :
BNA_G
ClientSampleId :
PB92411BL

Tot Ion:188 Resp: 1126593
Ion Ratio Lower Upper
188 100
94 10.9 5.2 7.8#
80 13.9 7.2 10.8#

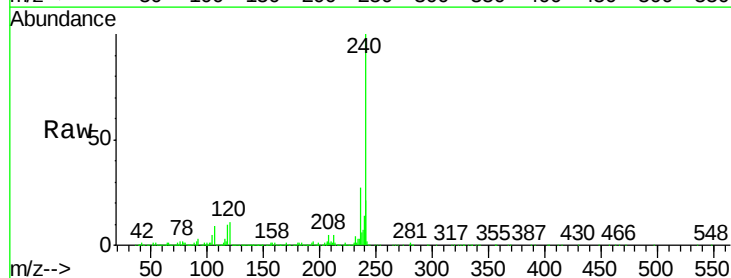


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

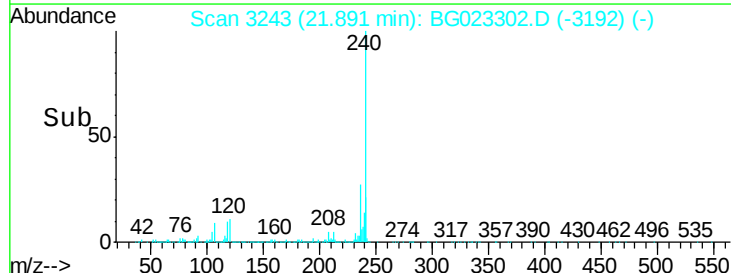
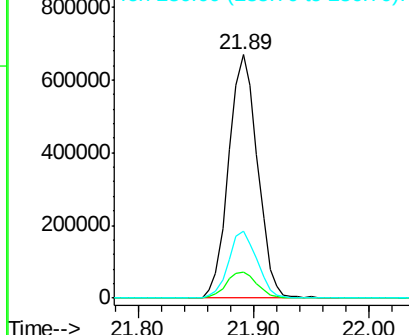


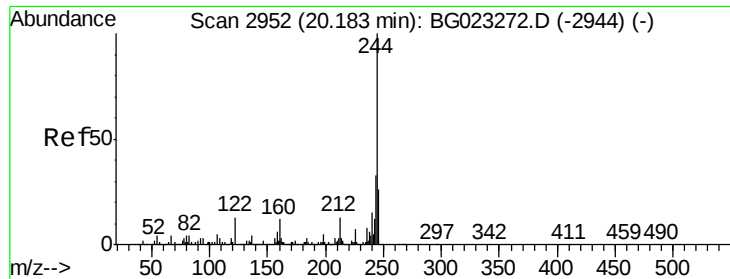
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023302.D
Acq: 28 Jul 2016 3:40

Tgt Ion:240 Resp: 1155966
Ion Ratio Lower Upper
240 100
120 10.8 4.1 6.1#
236 27.4 21.1 31.7



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: 89.52 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023302.D

Acq: 28 Jul 2016 3:40

Instrument :

BNA_G

ClientSampled :

PB92411BL

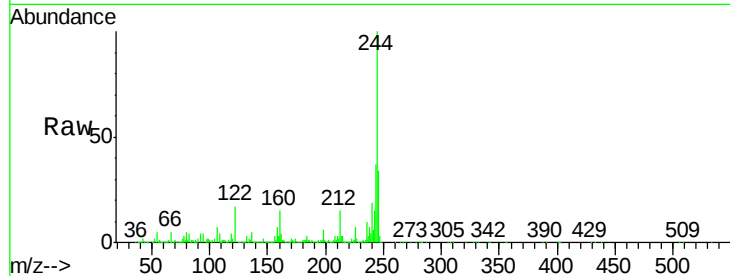
Tot Ion:244 Resp: 3183320

Ion Ratio Lower Upper

244 100

212 14.5 10.8 16.2

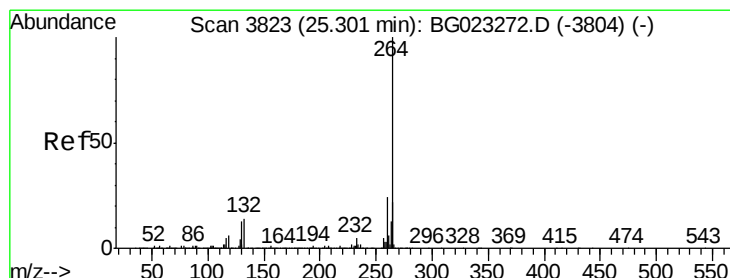
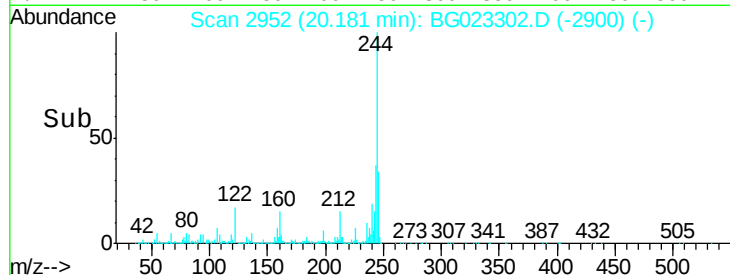
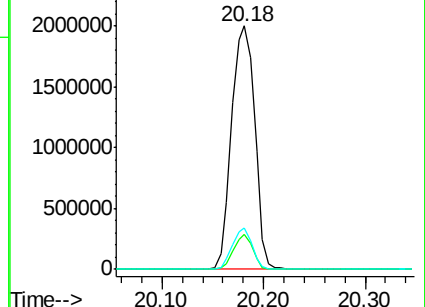
122 17.2 8.0 12.0#



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: 25.30 min Scan# 3823

Delta R.T. -0.00 min

Lab File: BG023302.D

Acq: 28 Jul 2016 3:40

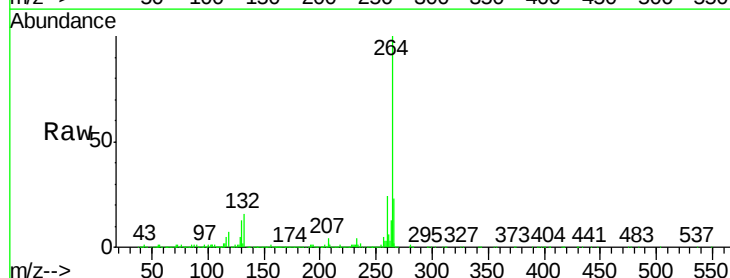
Tgt Ion:264 Resp: 1171193

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.8 18.9 28.3



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

