

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023308.D
 Acq On : 28 Jul 2016 15:46
 Operator : UM/SJ
 Sample : H4205-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37-14.0-15.0

Quant Time: Jul 29 01:16:28 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

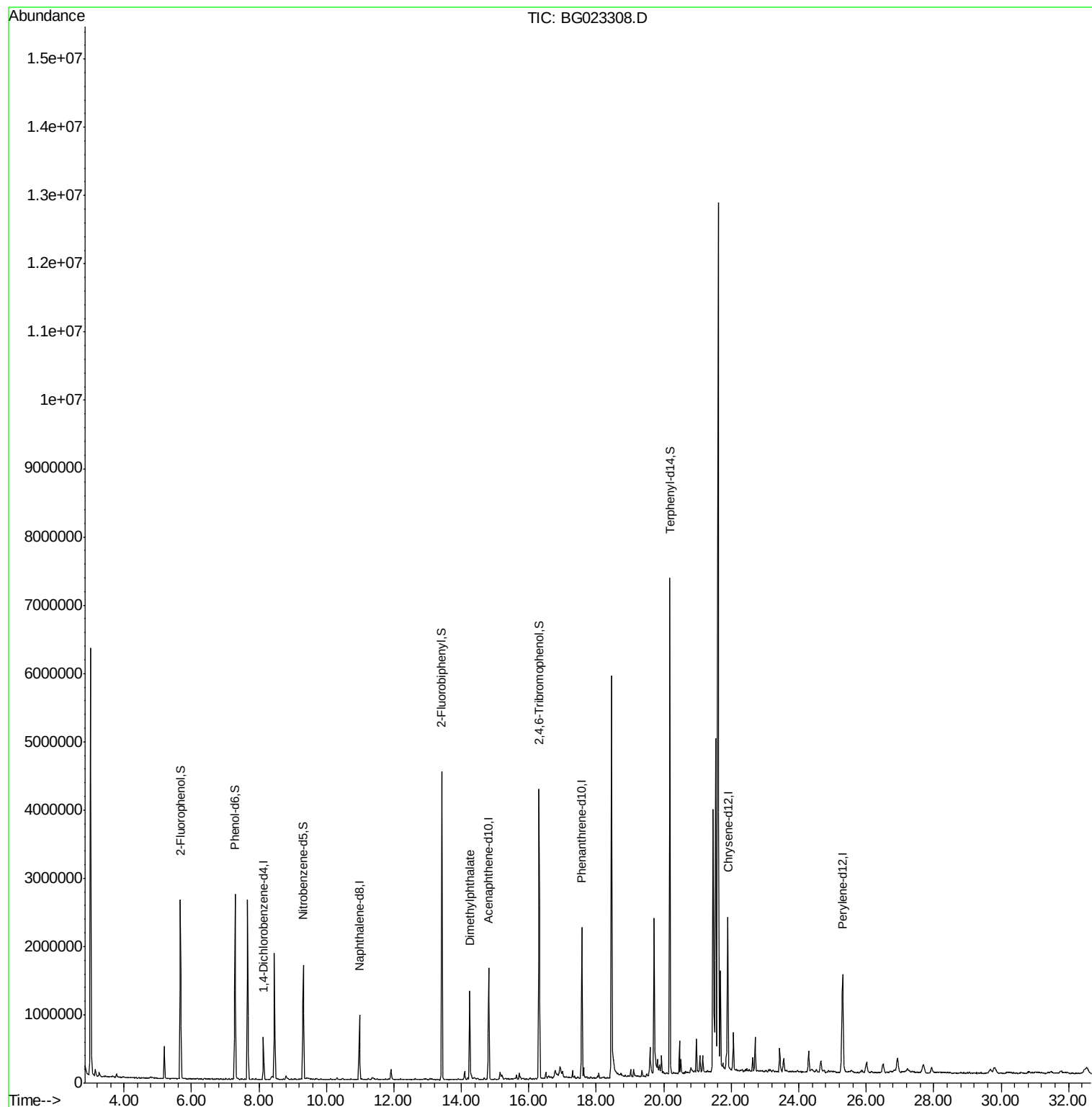
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	171052	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	798225	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	552549	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1298241	20.00	ng	0.00
75) Chrysene-d12	21.90	240	1315565	20.00	ng	0.00
86) Perylene-d12	25.30	264	1402260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1120259	111.81	ng	0.00
7) Phenol-d6	7.29	99	1680145	109.22	ng	0.00
23) Nitrobenzene-d5	9.31	82	1073409	65.76	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	717810	125.51	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2221482	75.25	ng	0.00
78) Terphenyl-d14	20.18	244	2650309	65.49	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	816897	20.03	ng	Qvalue 98

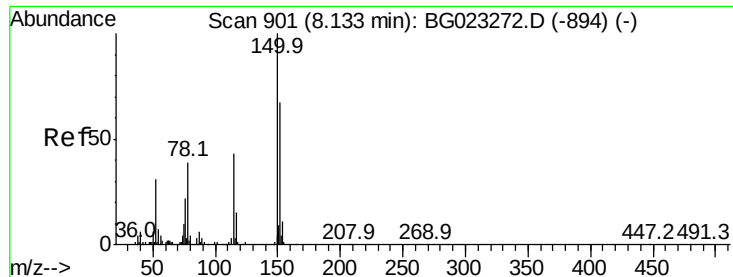
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023308.D

Acq: 28 Jul 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SB-37-14.0-15.0

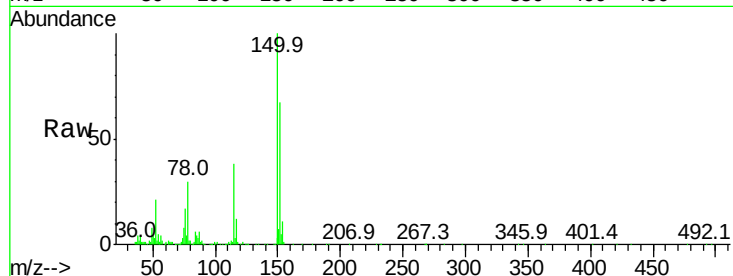
Tot Ion:152 Resp: 171052

Ion Ratio Lower Upper

152 100

150 148.4 144.7 217.1

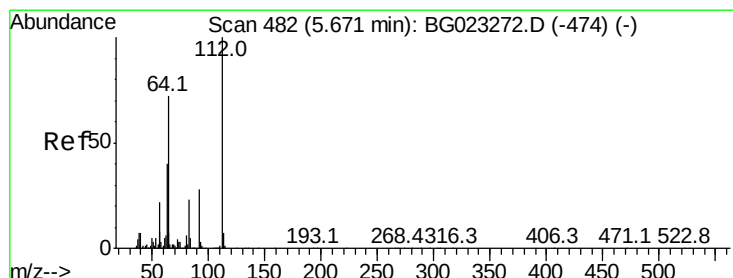
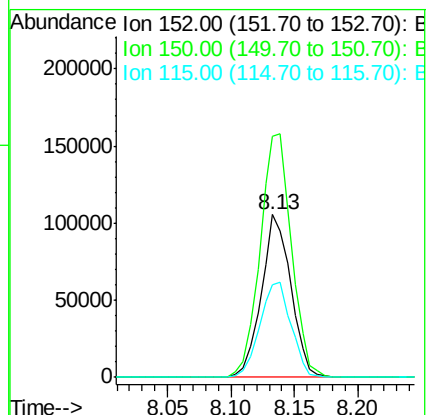
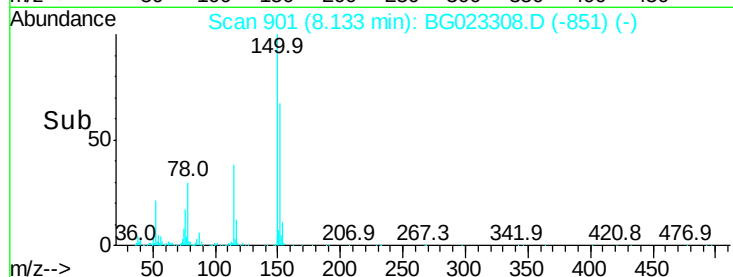
115 56.8 64.0 96.0#



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: 111.81 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023308.D

Acq: 28 Jul 2016 15:46

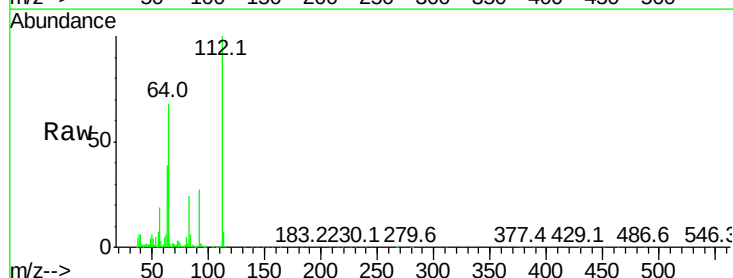
Tgt Ion:112 Resp: 1120259

Ion Ratio Lower Upper

112 100

64 67.7 59.0 88.4

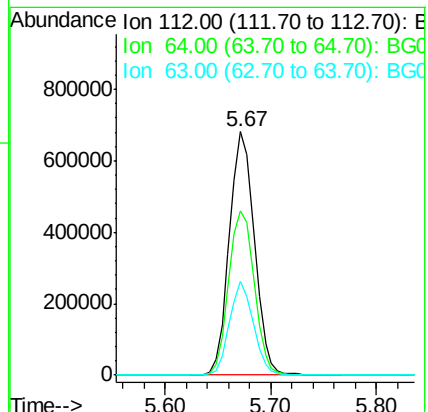
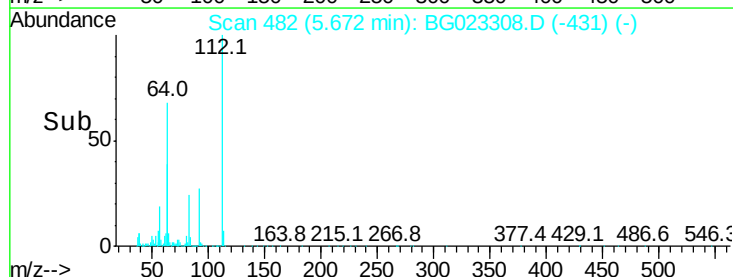
63 38.5 37.8 56.8

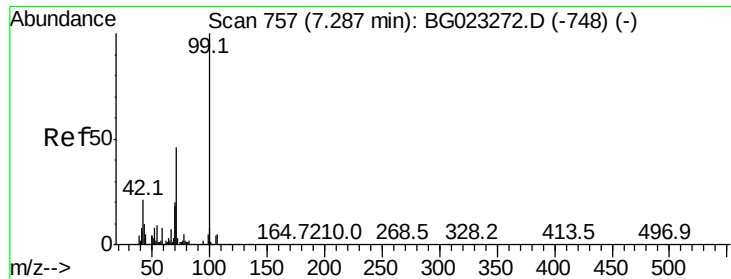


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.22 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023308.D

Acq: 28 Jul 2016 15:46

Instrument :

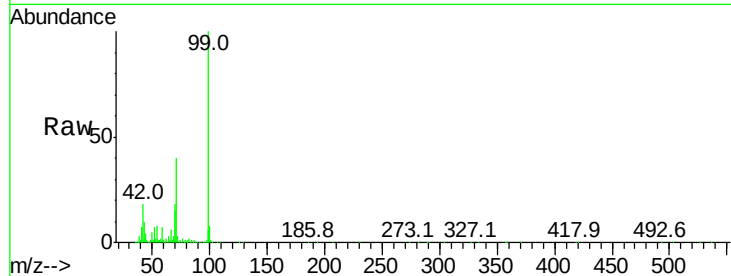
BNA_G

ClientSampleId :

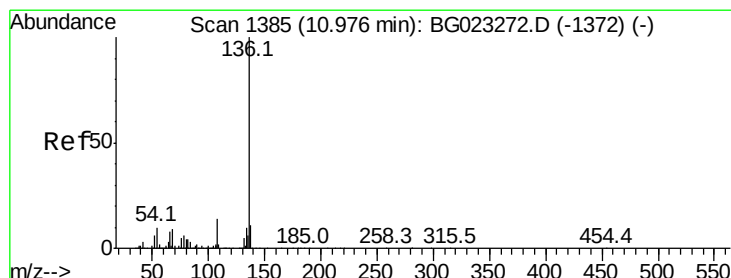
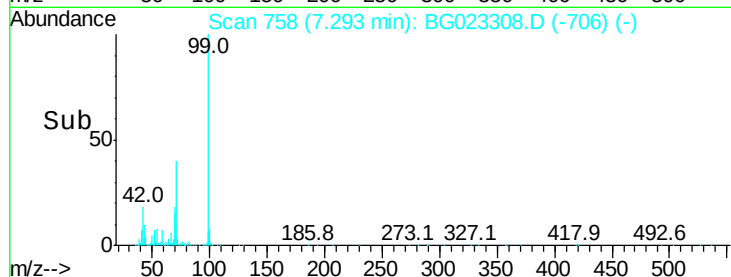
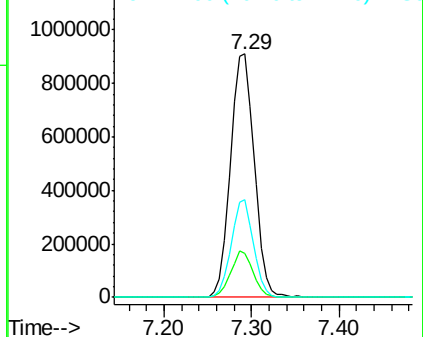
SB-37-14.0-15.0

Tot Ion: 99 Resp: 1680145

Ion	Ratio	Lower	Upper
99	100		
42	18.1	17.8	26.6
71	39.9	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: 10.98 min Scan# 1385

Delta R.T. -0.00 min

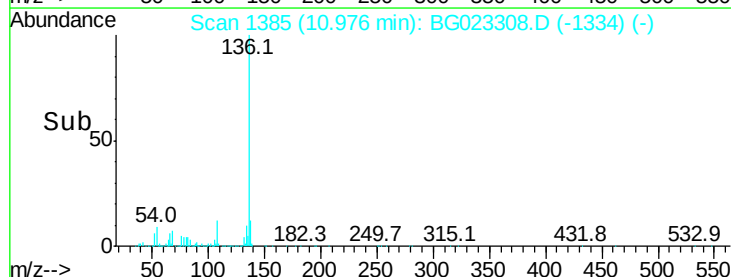
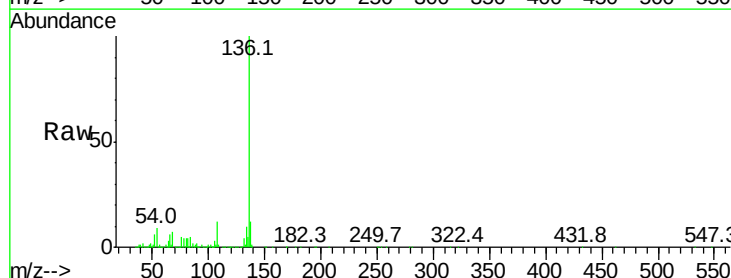
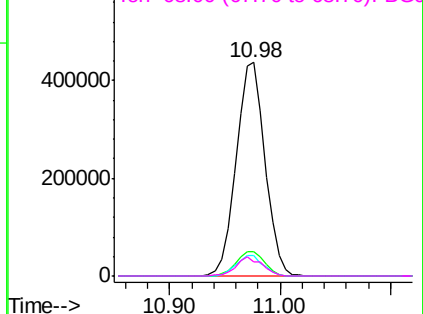
Lab File: BG023308.D

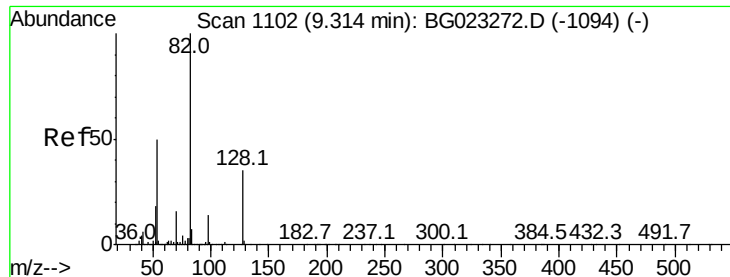
Acq: 28 Jul 2016 15:46

Tgt Ion: 136 Resp: 798225

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.4	7.3	10.9
68	6.8	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: 65.76 ng

RT: 9.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BG023308.D

Acq: 28 Jul 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SB-37-14.0-15.0

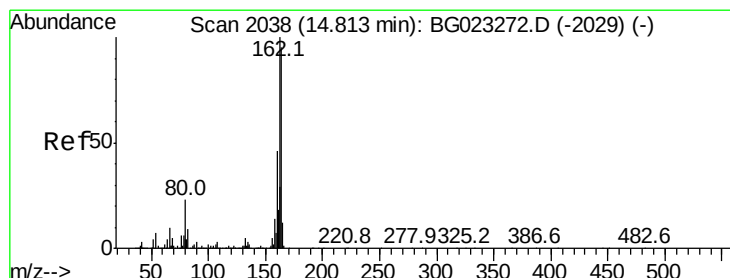
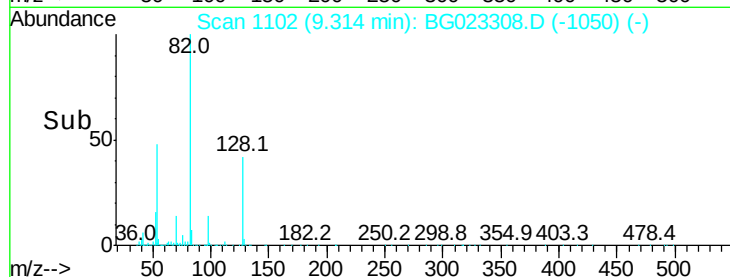
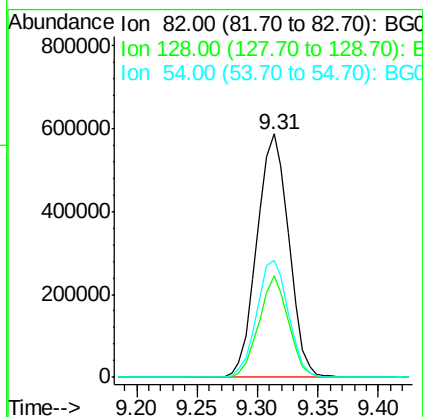
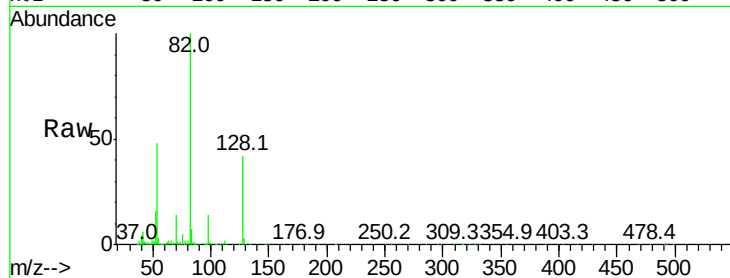
Tot Ion: 82 Resp: 1073409

Ion Ratio Lower Upper

82 100

128 41.7 24.4 36.6#

54 48.1 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: BG023308.D

Acq: 28 Jul 2016 15:46

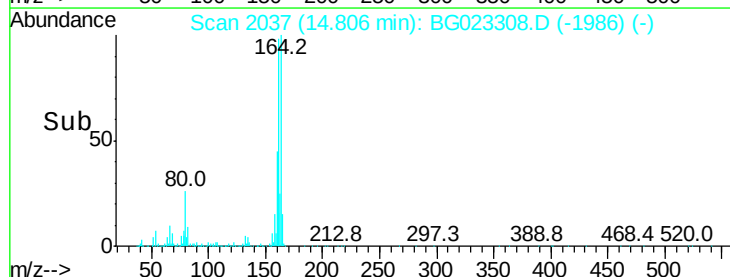
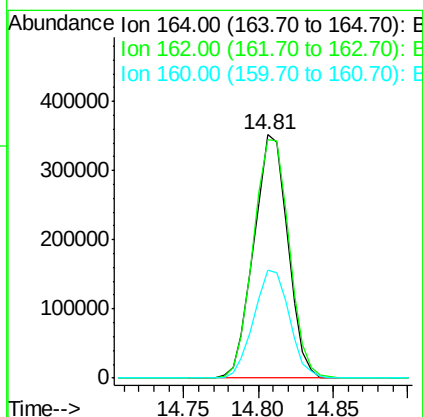
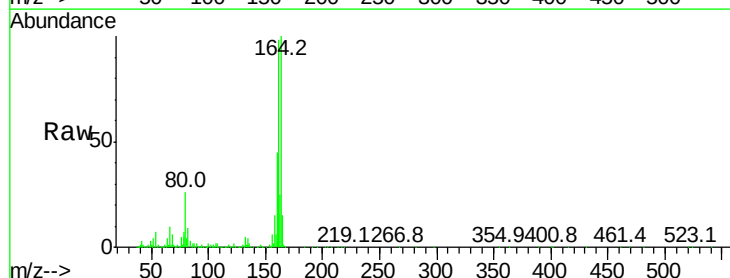
Tgt Ion:164 Resp: 552549

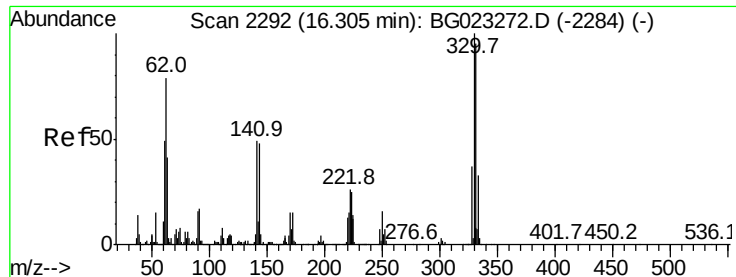
Ion Ratio Lower Upper

164 100

162 98.0 87.7 131.5

160 44.6 37.2 55.8



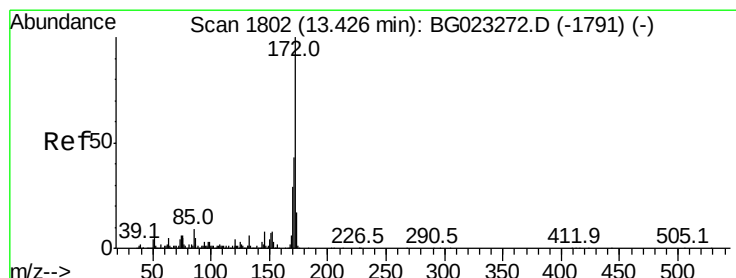
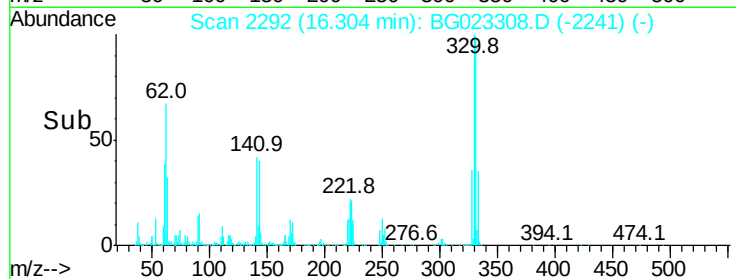
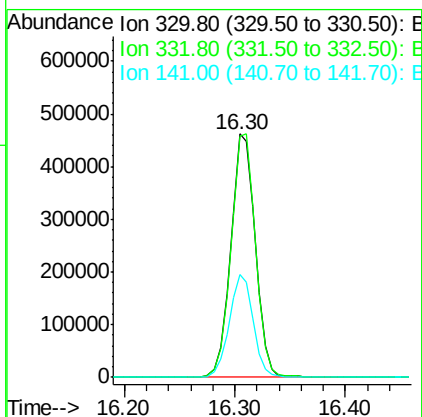
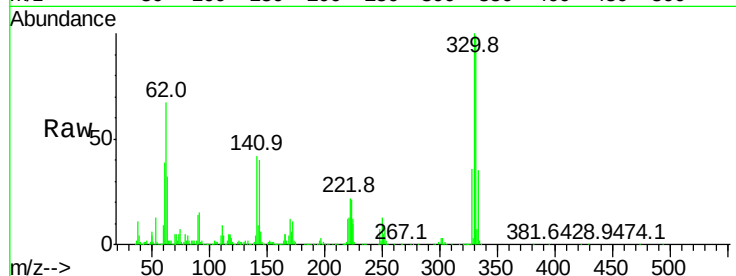


#41
 2,4,6-Tribromophenol
 Concen: 125.51 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023308.D
 Acq: 28 Jul 2016 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SB-37-14.0-15.0

Tot Ion:330 Resp: 717810

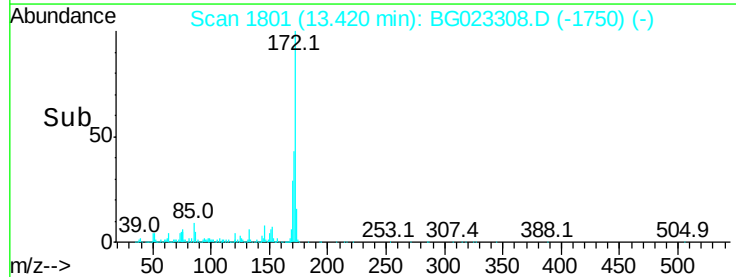
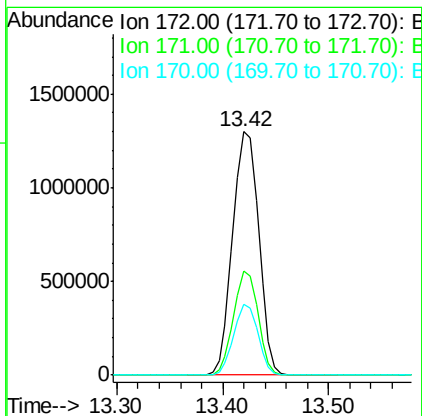
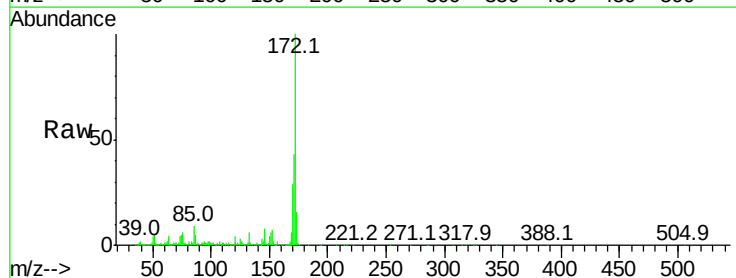
Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.4	116.2
141	41.2	31.7	47.5

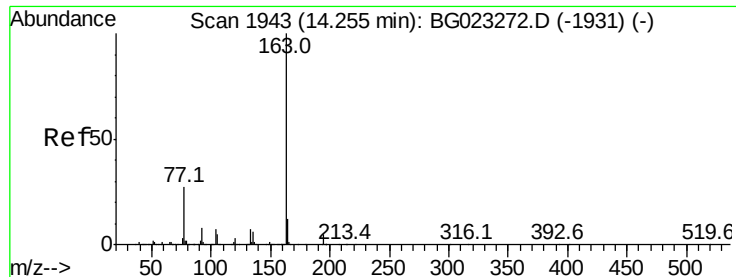


#44
 2-Fluorobiphenyl
 Concen: 75.25 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023308.D
 Acq: 28 Jul 2016 15:46

Tgt Ion:172 Resp: 2221482

Ion	Ratio	Lower	Upper
172	100		
171	42.7	31.6	47.4
170	28.9	21.3	31.9





#49

Dimethylphthalate

Concen: 20.03 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023308.D

Acq: 28 Jul 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SB-37-14.0-15.0

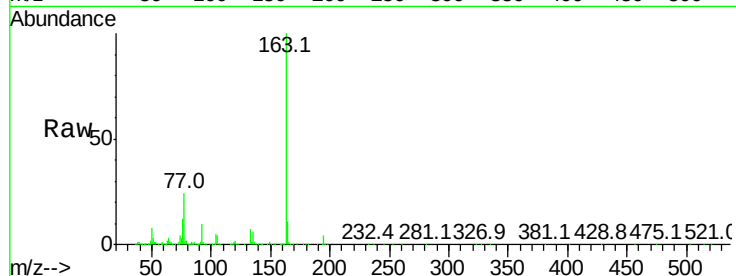
Tot Ion:163 Resp: 816897

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

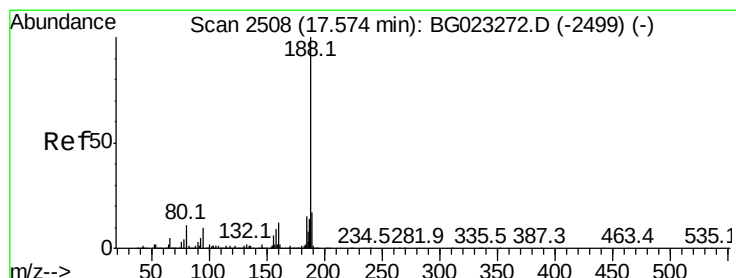
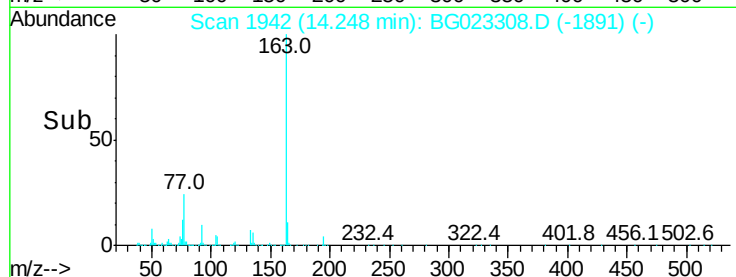
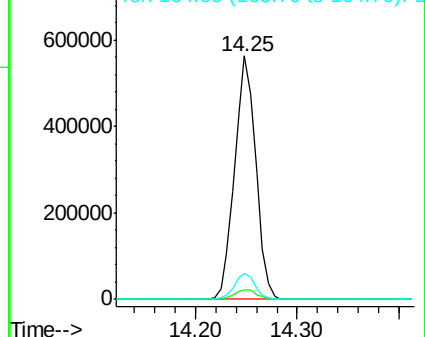
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023308.D

Acq: 28 Jul 2016 15:46

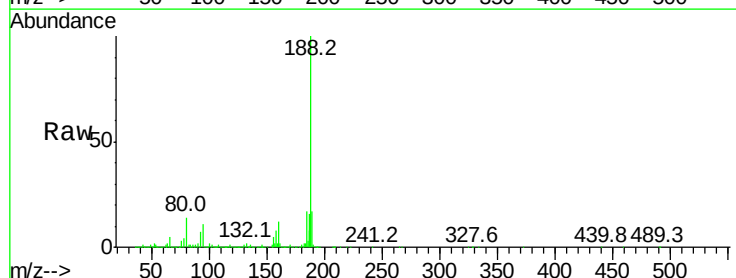
Tgt Ion:188 Resp: 1298241

Ion Ratio Lower Upper

188 100

94 10.5 5.2 7.8#

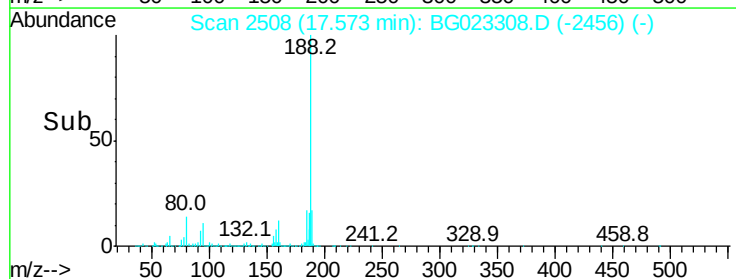
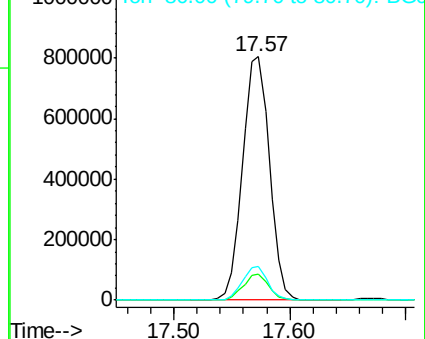
80 13.6 7.2 10.8#

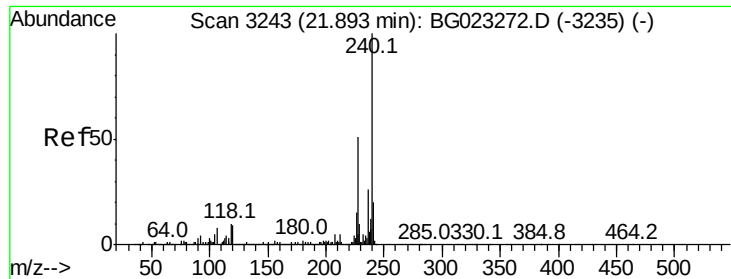


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.90 min Scan# 3244

Delta R.T. 0.01 min

Lab File: BG023308.D

Acq: 28 Jul 2016 15:46

Instrument :

BNA_G

ClientSampleId :

SB-37-14.0-15.0

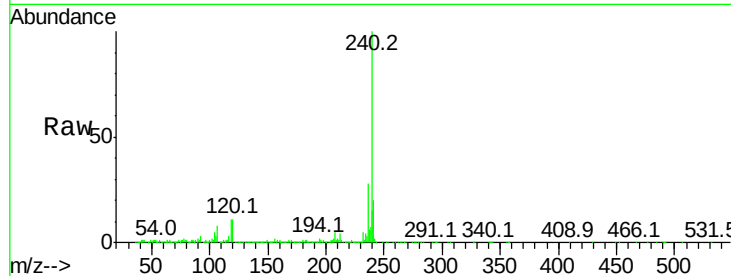
Tot Ion:240 Resp: 1315565

Ion Ratio Lower Upper

240 100

120 10.7 4.1 6.1#

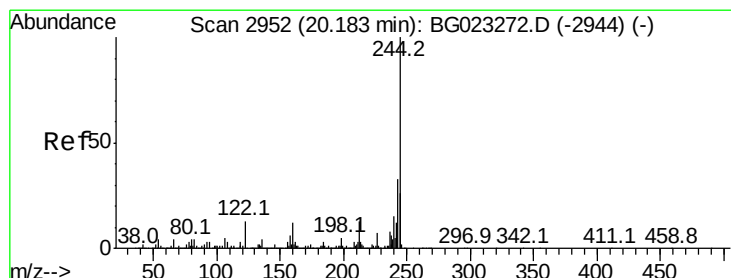
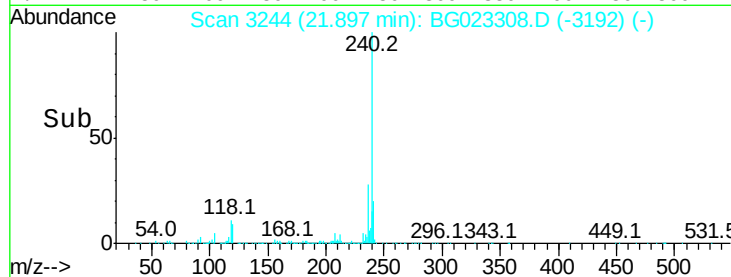
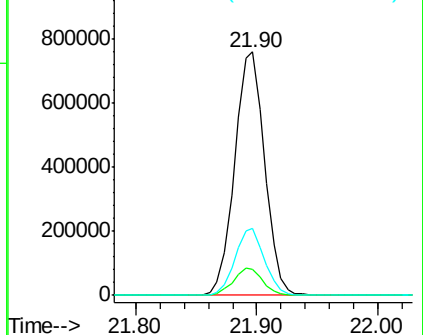
236 27.8 21.1 31.7



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: 65.49 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023308.D

Acq: 28 Jul 2016 15:46

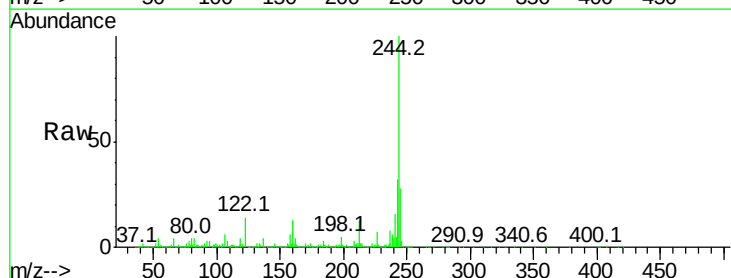
Tgt Ion:244 Resp: 2650309

Ion Ratio Lower Upper

244 100

212 12.9 10.8 16.2

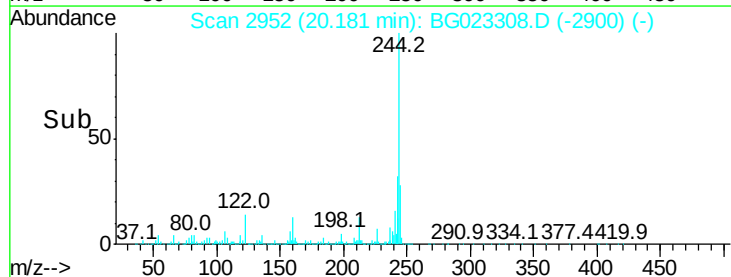
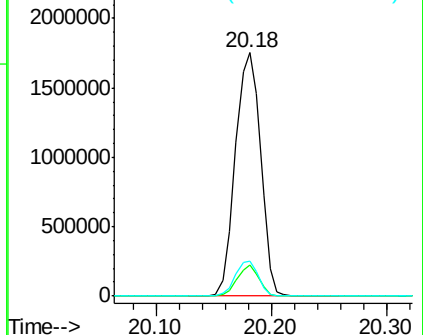
122 14.5 8.0 12.0#

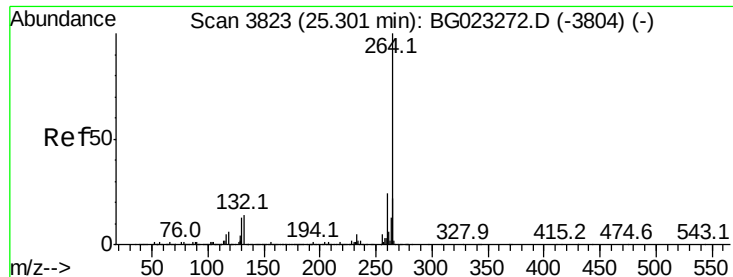


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BG023308.D
Acq: 28 Jul 2016 15:46

Instrument :
BNA_G
ClientSampleId :
SB-37-14.0-15.0

Tot Ion:264 Resp: 1402260

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	20.8	18.9	28.3

