

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023358.D
 Acq On : 30 Jul 2016 15:26
 Operator : UM/SJ
 Sample : PB92558BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92558BL

Quant Time: Aug 01 01:59:11 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	8.14	152	124365	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	602938	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	457219	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1248479	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1079362	20.00	ng	0.00
86) Perylene-d12	25.30	264	1068316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1164444	159.84	ng	0.00
7) Phenol-d6	7.29	99	1766594	157.95	ng	0.00
23) Nitrobenzene-d5	9.31	82	1120498	90.88	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	912260	192.77	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2382532	97.53	ng	0.00
78) Terphenyl-d14	20.17	244	3097585	93.29	ng	0.00

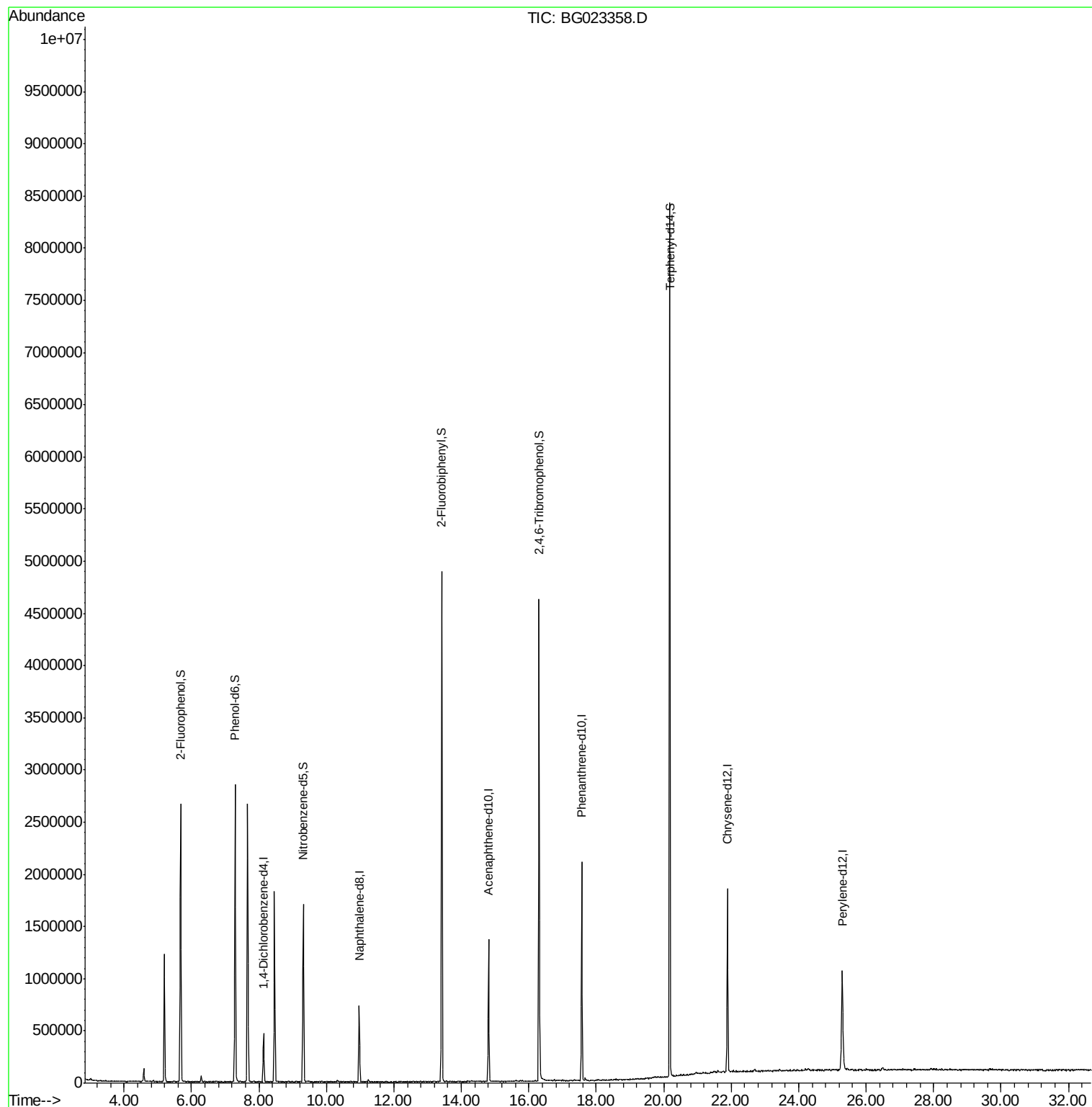
Target Compounds	Qvalue
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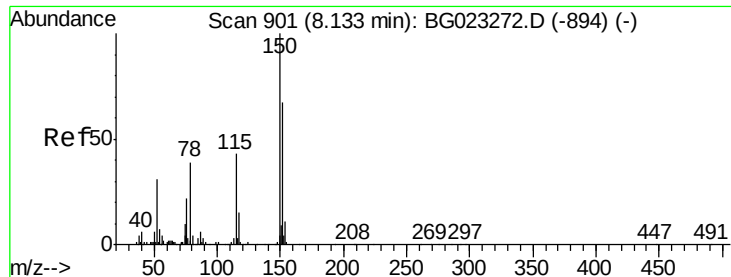
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

PB92558BL

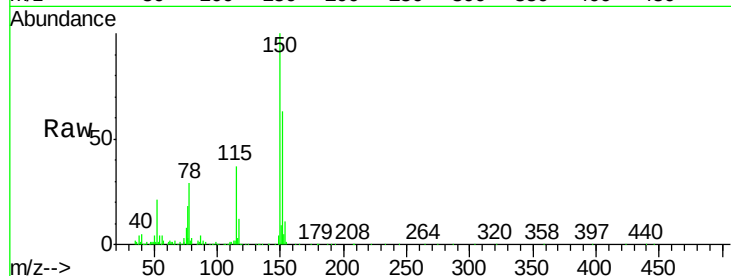
Tgt Ion:152 Resp: 124365

Ion Ratio Lower Upper

152 100

150 159.2 144.7 217.1

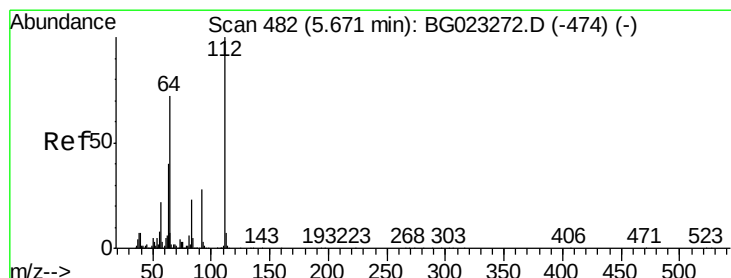
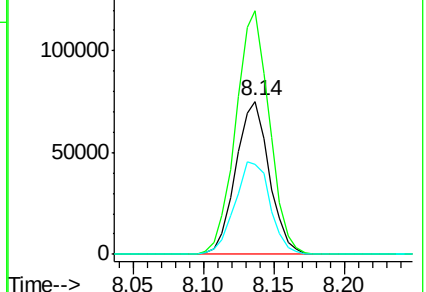
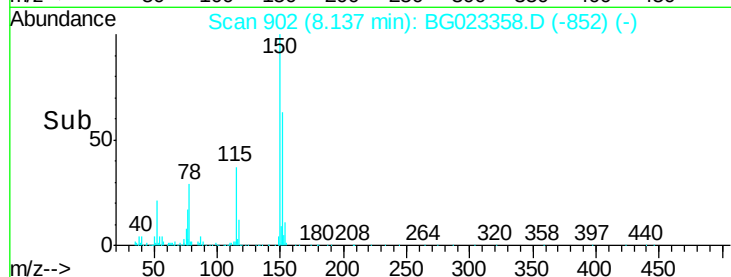
115 59.1 64.0 96.0#



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: 159.84 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

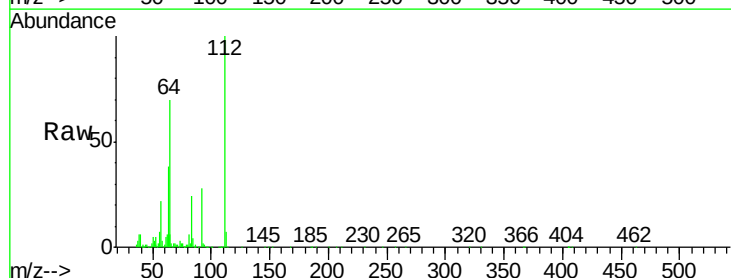
Tgt Ion:112 Resp: 1164444

Ion Ratio Lower Upper

112 100

64 70.1 59.0 88.4

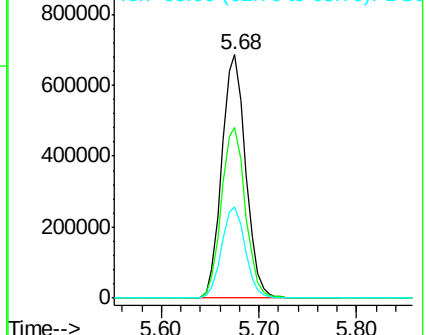
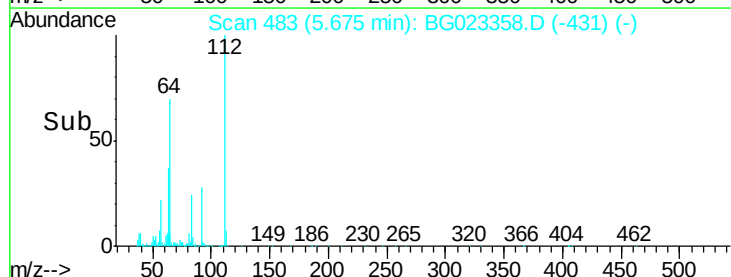
63 37.5 37.8 56.8#

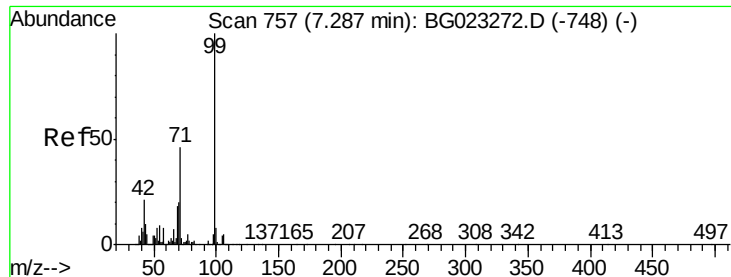


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 157.95 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

PB92558BL

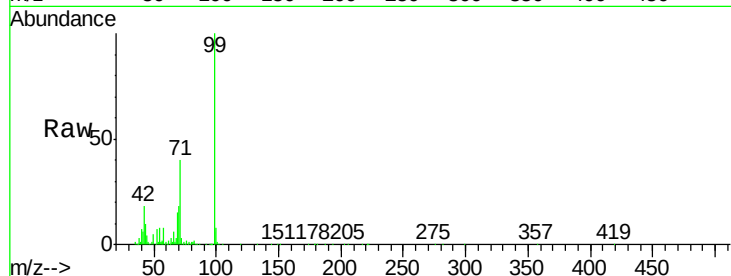
Tgt Ion: 99 Resp: 1766594

Ion Ratio Lower Upper

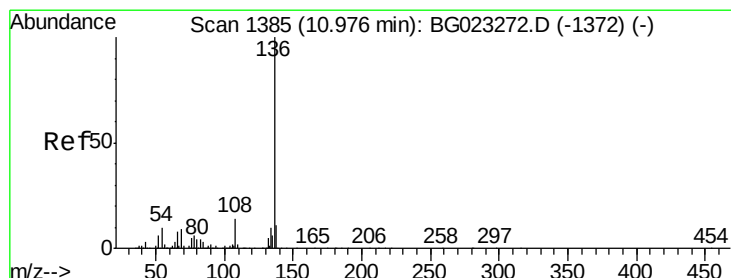
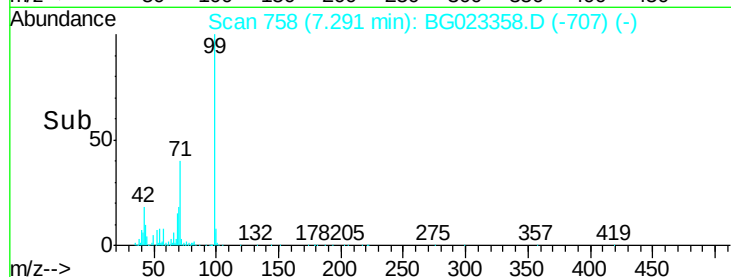
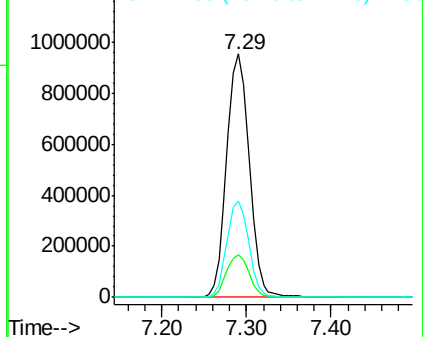
99 100

42 17.7 17.8 26.6#

71 39.8 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: BG023358.D

Acq: 30 Jul 2016 15:26

Tgt Ion: 136 Resp: 602938

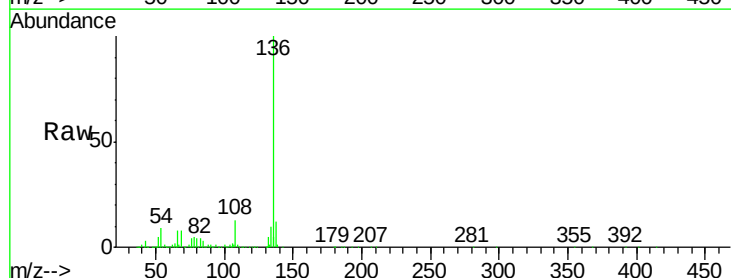
Ion Ratio Lower Upper

136 100

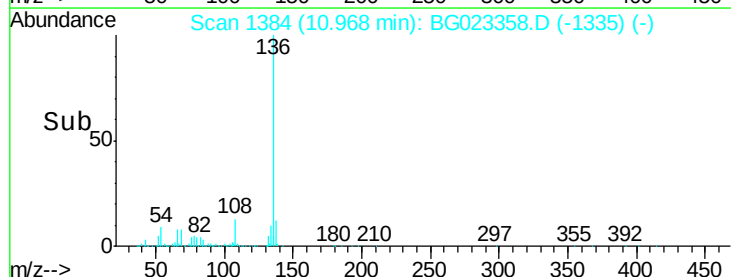
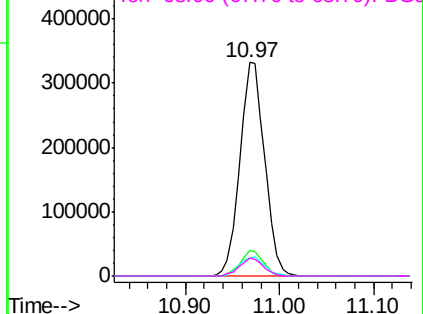
137 12.2 9.6 14.4

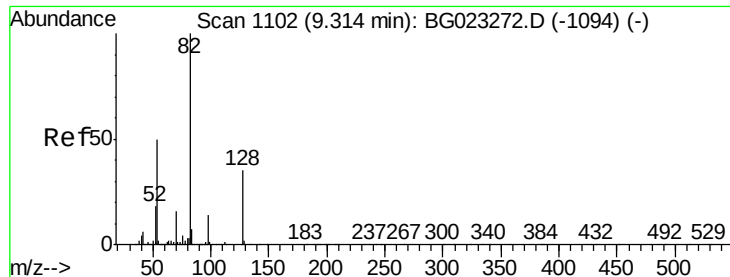
54 8.6 7.3 10.9

68 8.3 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

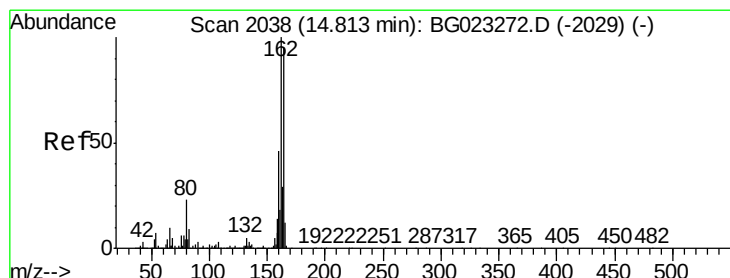
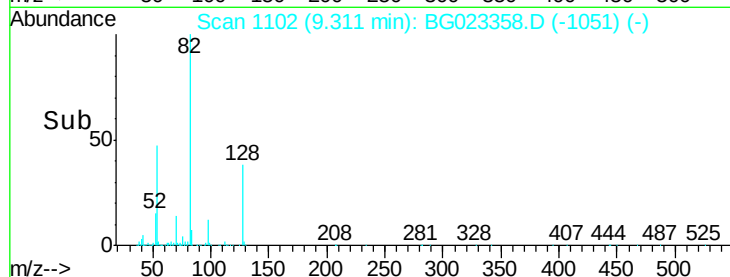
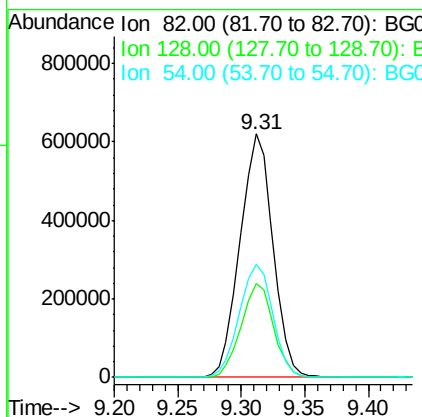
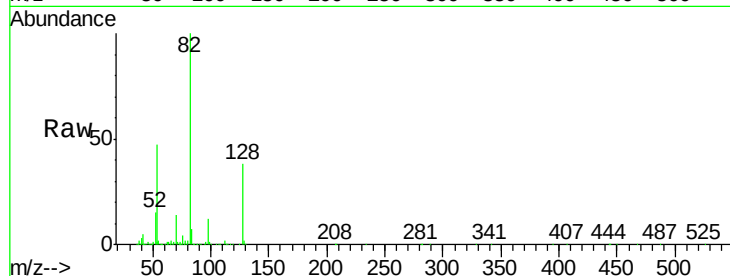




#23
 Nitrobenzene-d5
 Concen: 90.88 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023358.D
 Acq: 30 Jul 2016 15:26

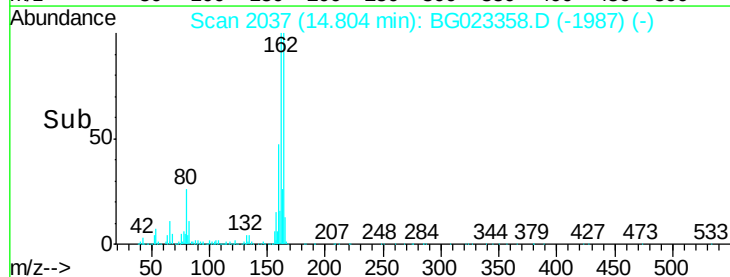
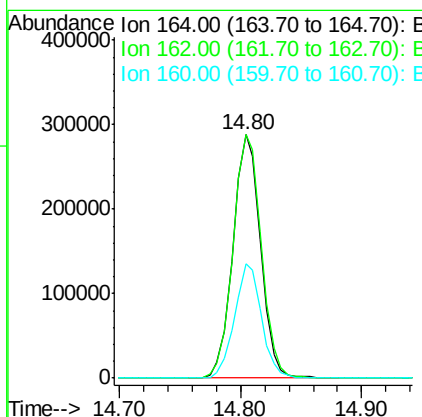
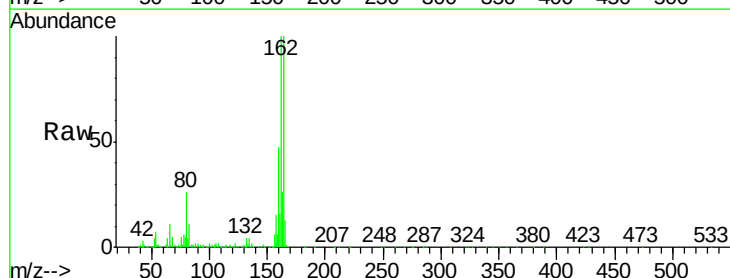
Instrument :
 BNA_G
 ClientSampleId :
 PB92558BL

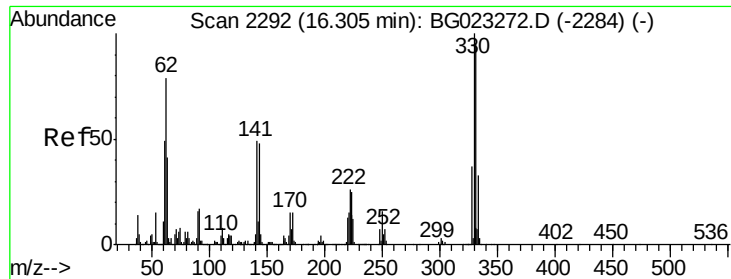
Tgt Ion: 82 Resp: 1120498
 Ion Ratio Lower Upper
 82 100
 128 38.4 24.4 36.6#
 54 46.6 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023358.D
 Acq: 30 Jul 2016 15:26

Tgt Ion: 164 Resp: 457219
 Ion Ratio Lower Upper
 164 100
 162 99.9 87.7 131.5
 160 46.9 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 192.77 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

PB92558BL

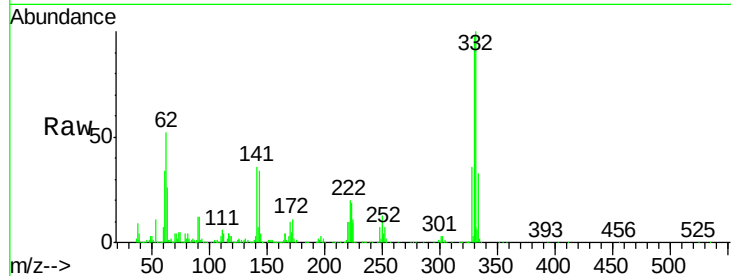
Tgt Ion:330 Resp: 912260

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

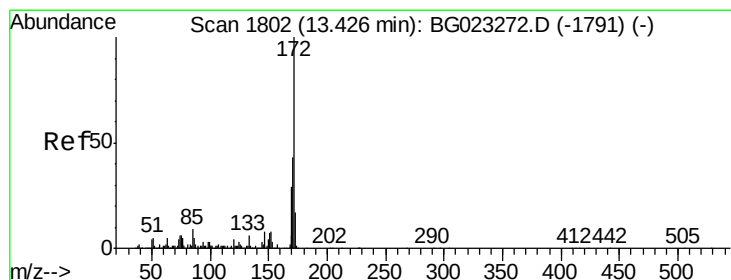
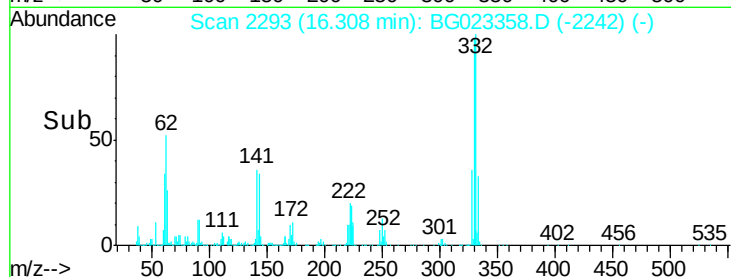
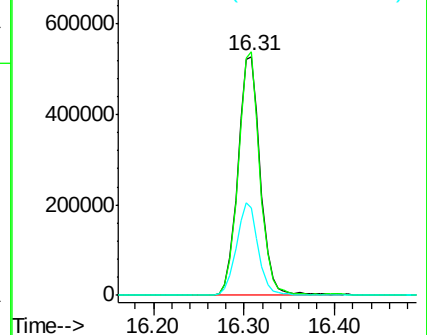
141 37.4 31.7 47.5



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: 97.53 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

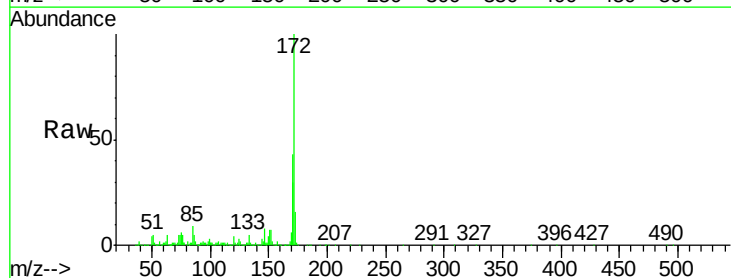
Tgt Ion:172 Resp: 2382532

Ion Ratio Lower Upper

172 100

171 43.1 31.6 47.4

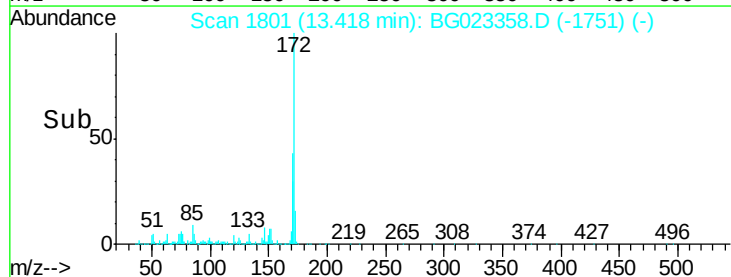
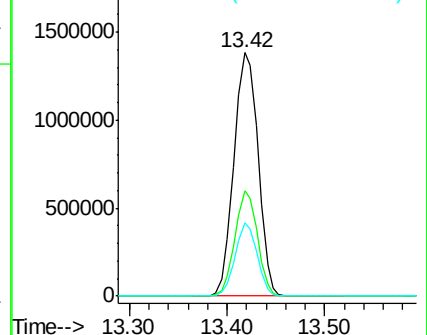
170 29.9 21.3 31.9

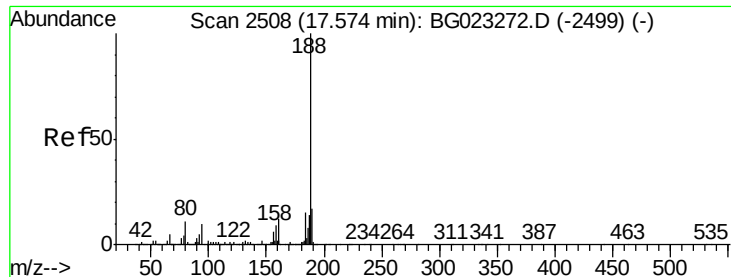


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.57 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

PB92558BL

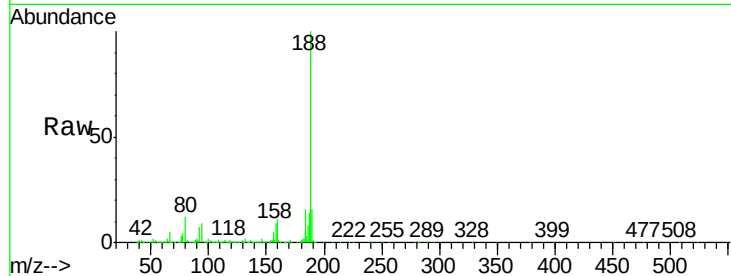
Tgt Ion:188 Resp: 1248479

Ion Ratio Lower Upper

188 100

94 9.4 5.2 7.8#

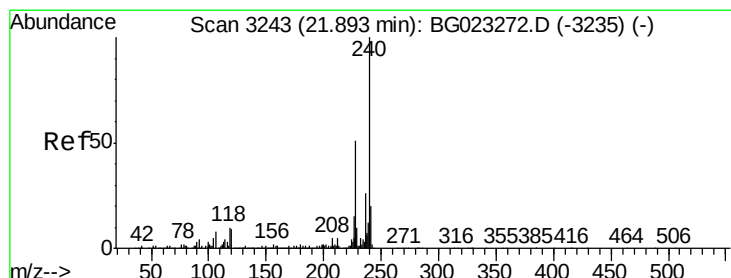
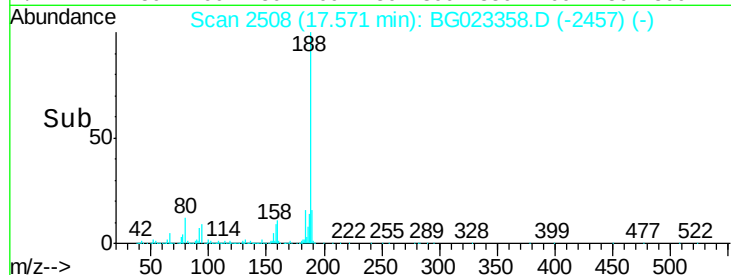
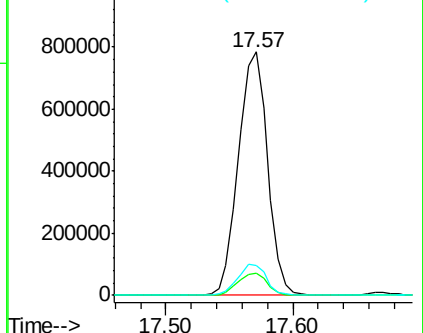
80 12.3 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

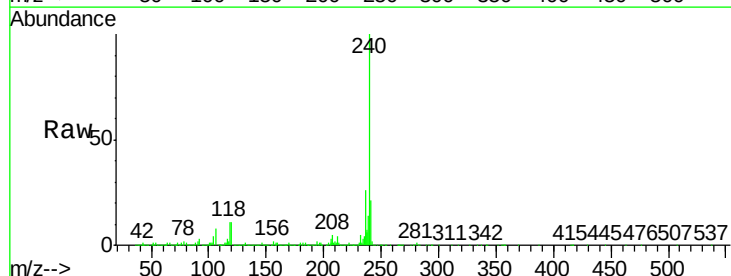
Tgt Ion:240 Resp: 1079362

Ion Ratio Lower Upper

240 100

120 10.7 4.1 6.1#

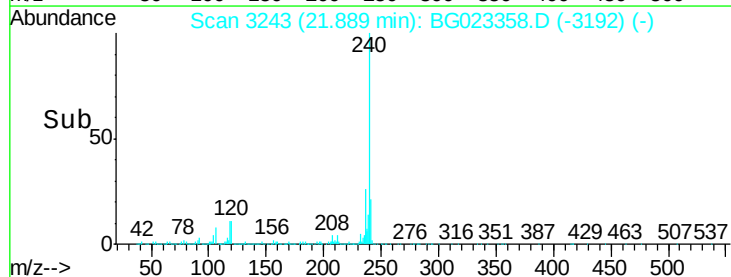
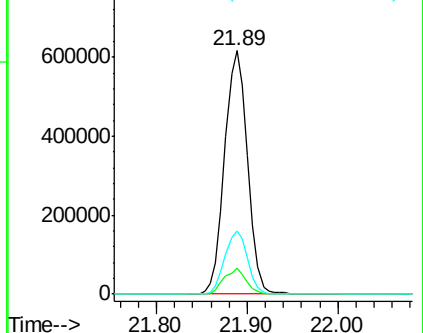
236 26.2 21.1 31.7

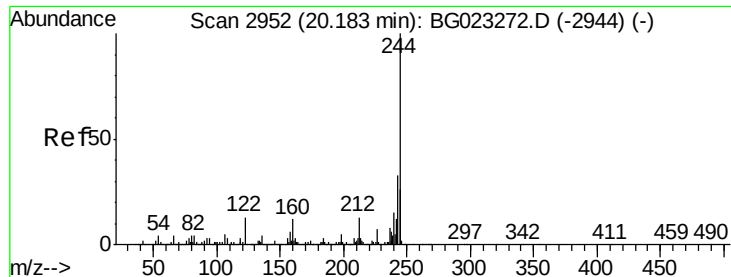


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 93.29 ng

RT: 20.17 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

Instrument :

BNA_G

ClientSampleId :

PB92558BL

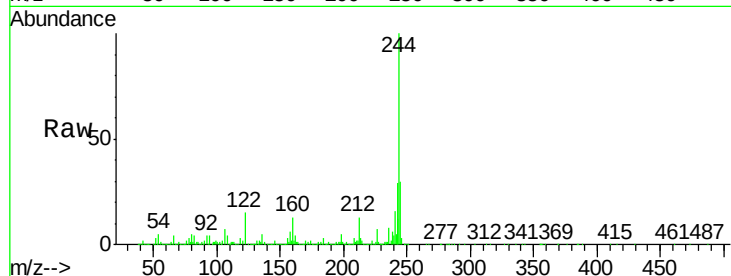
Tgt Ion:244 Resp: 3097585

Ion Ratio Lower Upper

244 100

212 13.0 10.8 16.2

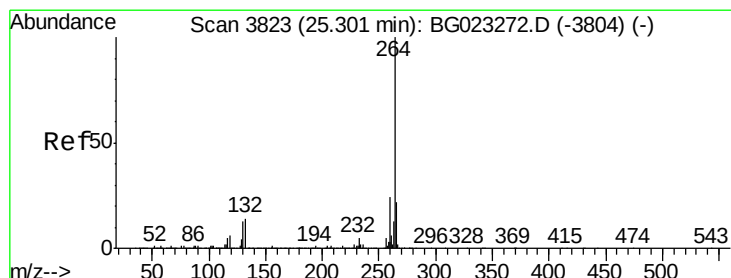
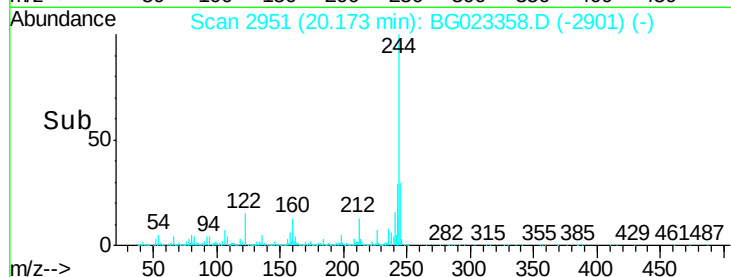
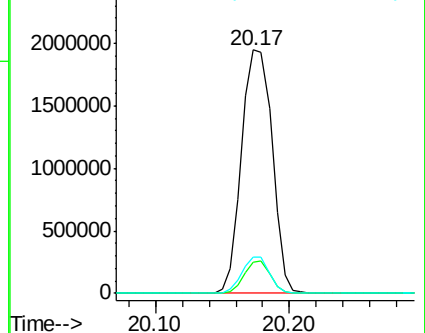
122 14.7 8.0 12.0#



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. -0.01 min

Lab File: BG023358.D

Acq: 30 Jul 2016 15:26

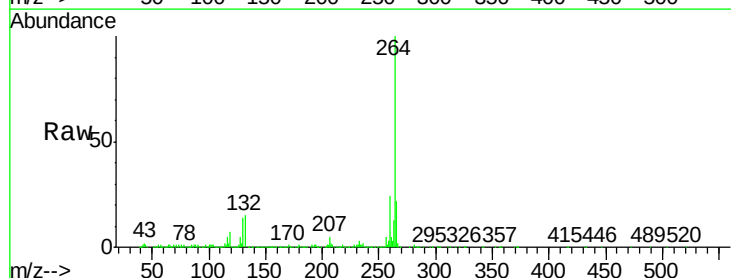
Tgt Ion:264 Resp: 1068316

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.5 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

