

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023318.D
 Acq On : 28 Jul 2016 22:26
 Operator : UM/SJ
 Sample : H4205-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-4.5-5.5

Quant Time: Jul 29 01:32:48 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

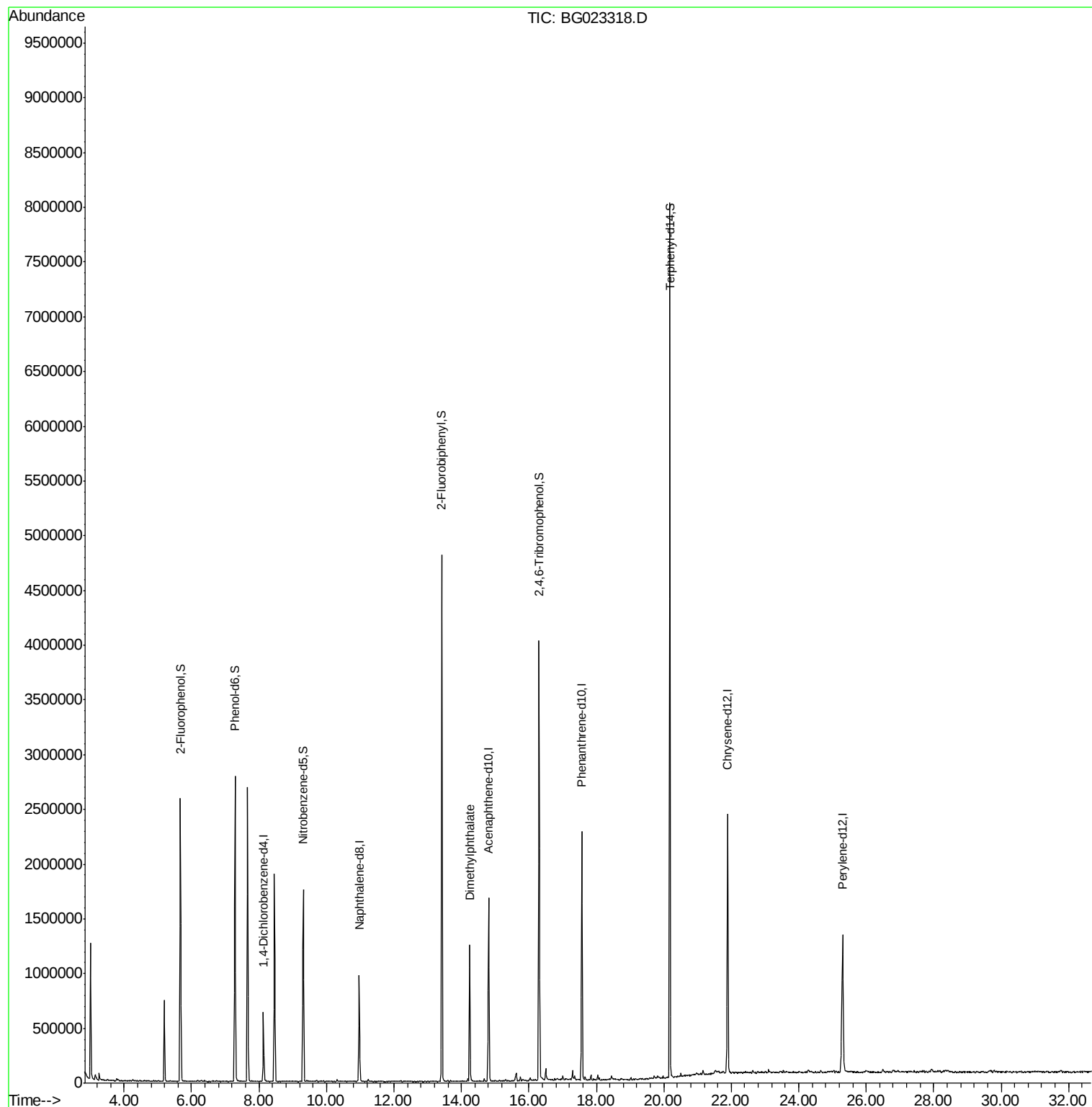
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	176770	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	803062	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	566622	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1325314	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1386085	20.00	ng	0.00
86) Perylene-d12	25.30	264	1394527	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1124799	108.63	ng	0.00
7) Phenol-d6	7.29	99	1699380	106.90	ng	0.00
23) Nitrobenzene-d5	9.31	82	1123469	68.41	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	702004	119.70	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2294844	75.80	ng	0.00
78) Terphenyl-d14	20.18	244	2843899	66.70	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.25	163	763141	18.25	ng	100

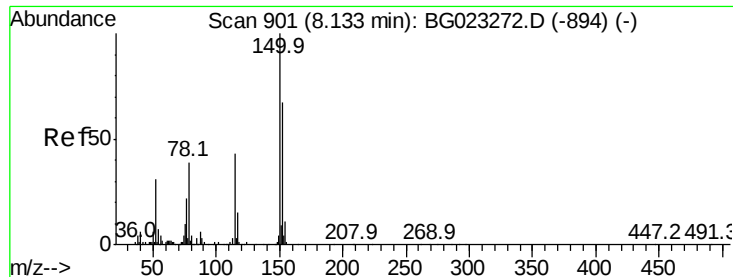
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

Instrument :

BNA_G

ClientSampleId :

SB-38-4.5-5.5

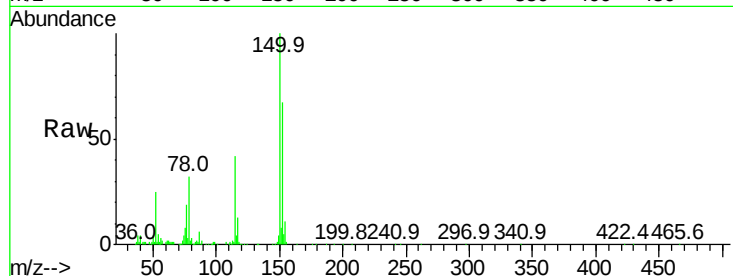
Tot Ion:152 Resp: 176770

Ion Ratio Lower Upper

152 100

150 150.0 144.7 217.1

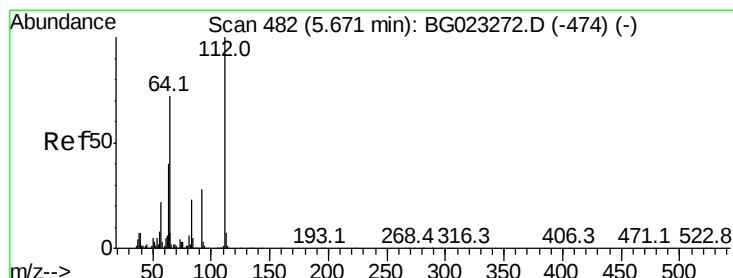
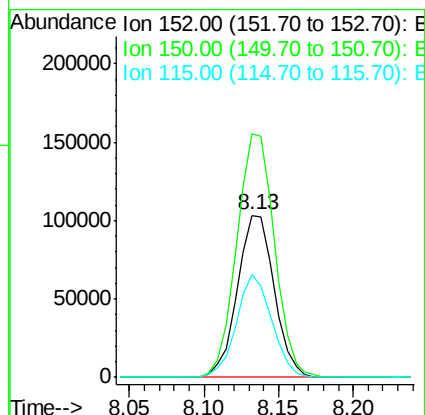
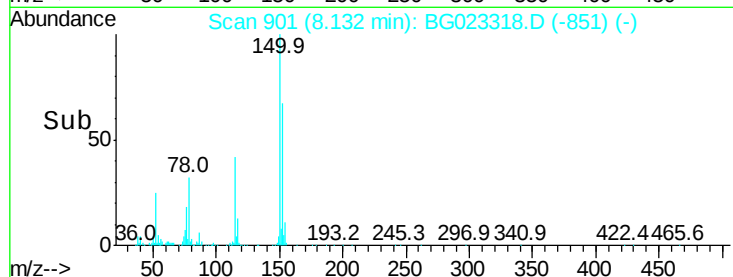
115 63.6 64.0 96.0#



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: 108.63 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

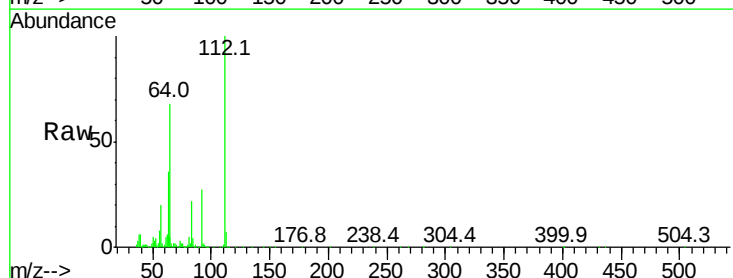
Tgt Ion:112 Resp: 1124799

Ion Ratio Lower Upper

112 100

64 68.0 59.0 88.4

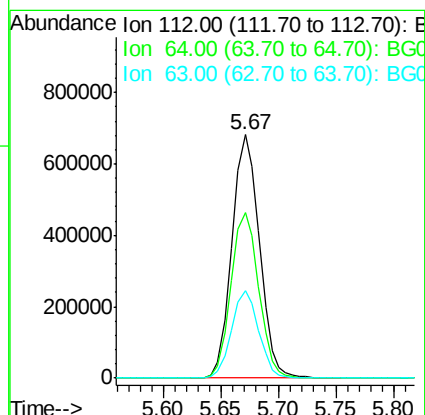
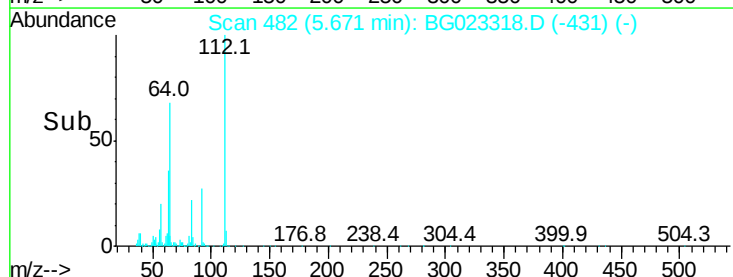
63 36.1 37.8 56.8#

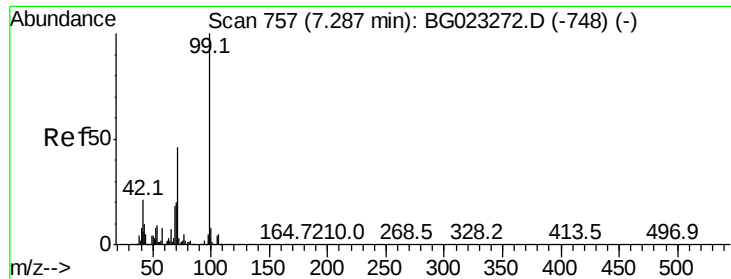


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 106.90 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

Instrument :

BNA_G

ClientSampleId :

SB-38-4.5-5.5

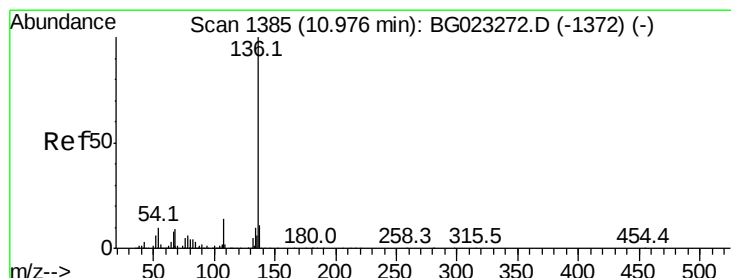
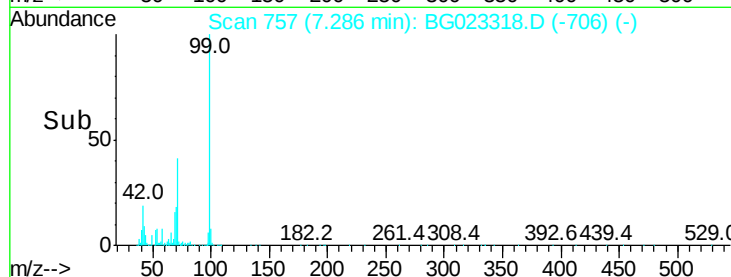
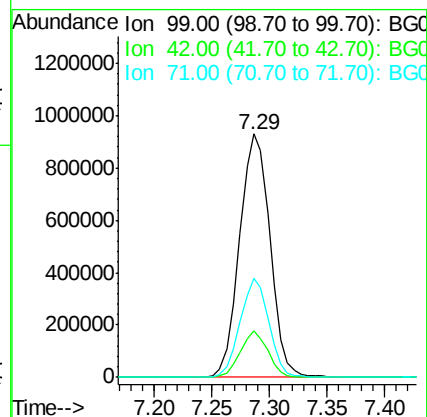
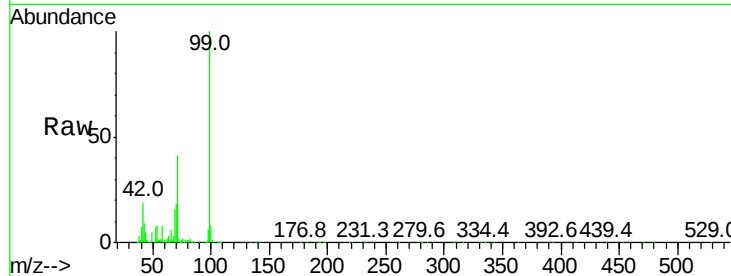
Tot Ion: 99 Resp: 1699380

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 40.6 41.5 62.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1384

Delta R.T. -0.01 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

Tgt Ion: 136 Resp: 803062

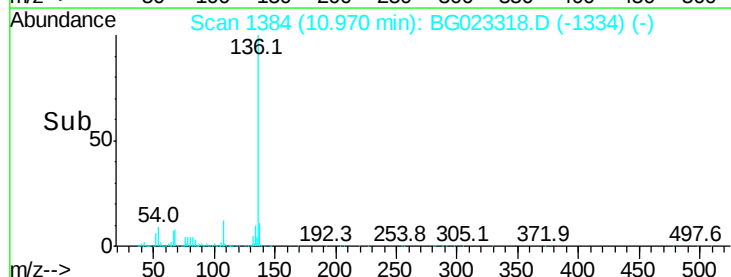
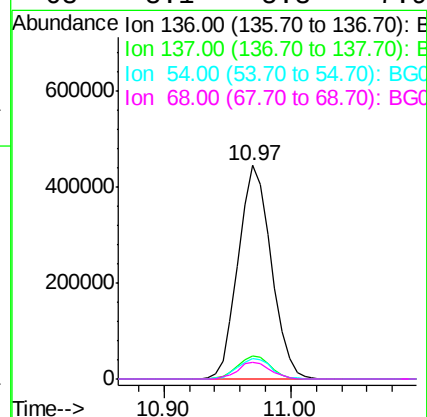
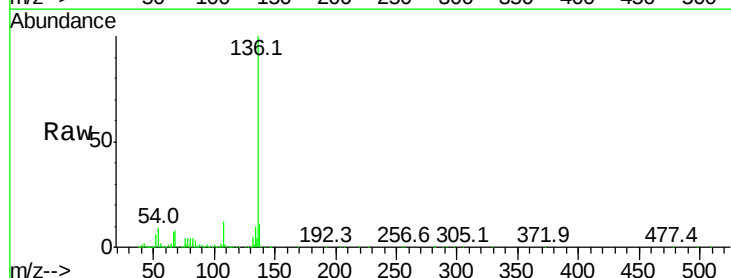
Ion Ratio Lower Upper

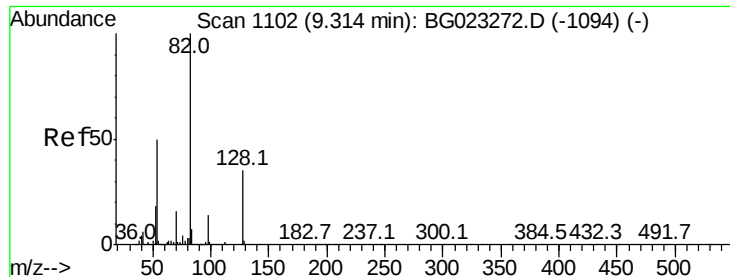
136 100

137 10.8 9.6 14.4

54 9.3 7.3 10.9

68 8.1 5.3 7.9#

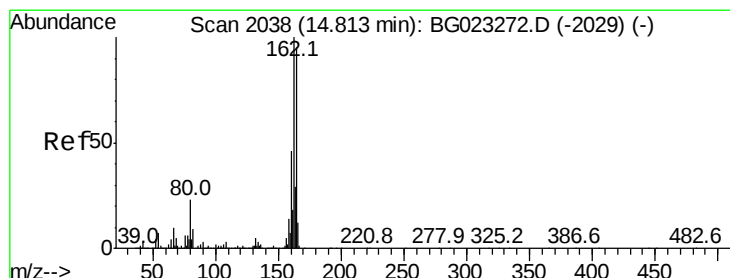
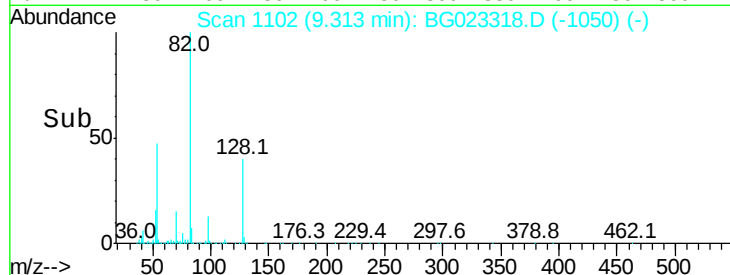
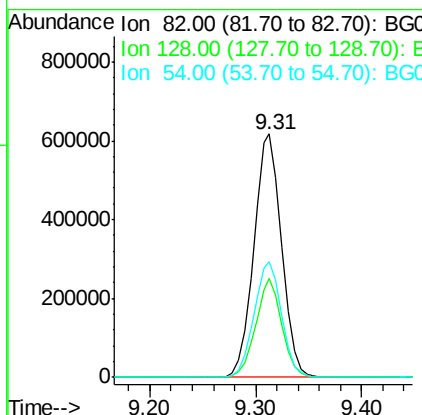
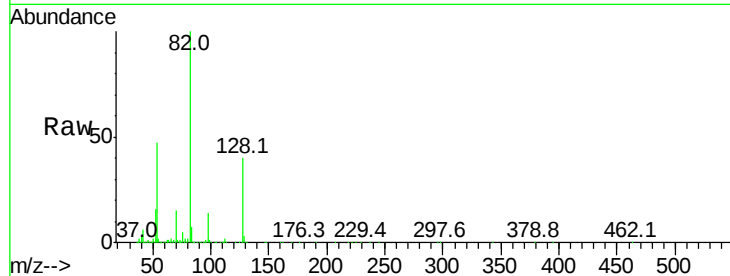




#23
Nitrobenzene-d5
Concen: 68.41 ng
RT: 9.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

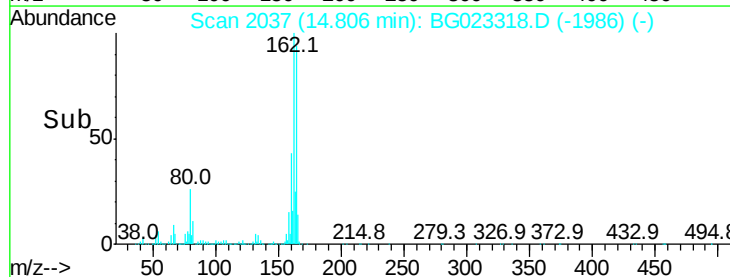
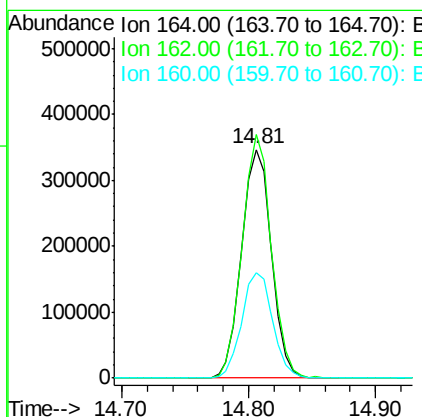
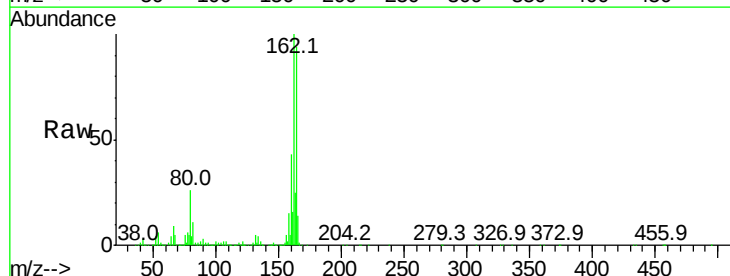
Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

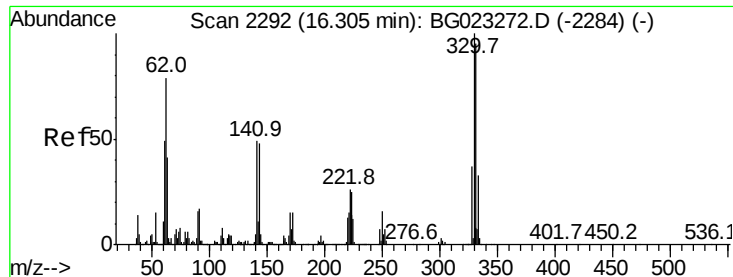
Tot Ion: 82 Resp: 1123469
Ion Ratio Lower Upper
82 100
128 40.5 24.4 36.6#
54 47.3 41.4 62.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Tgt Ion:164 Resp: 566622
Ion Ratio Lower Upper
164 100
162 106.4 87.7 131.5
160 46.1 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 119.70 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

Instrument :

BNA_G

ClientSampleId :

SB-38-4.5-5.5

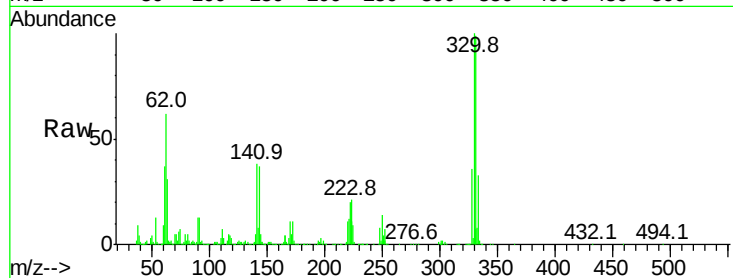
Tot Ion:330 Resp: 702004

Ion Ratio Lower Upper

330 100

332 100.1 77.4 116.2

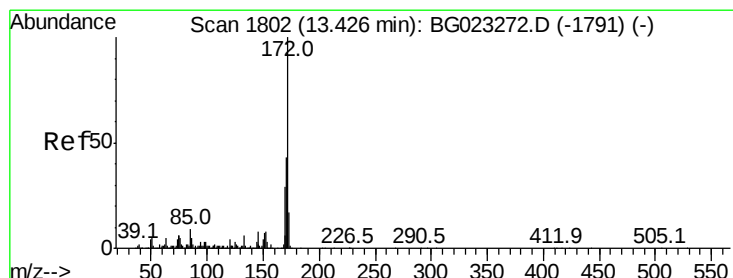
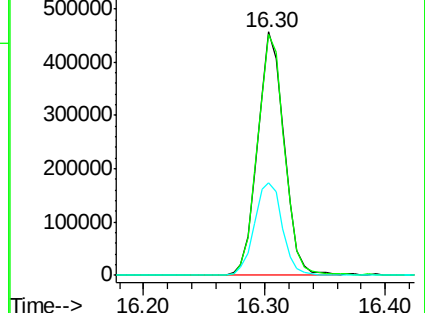
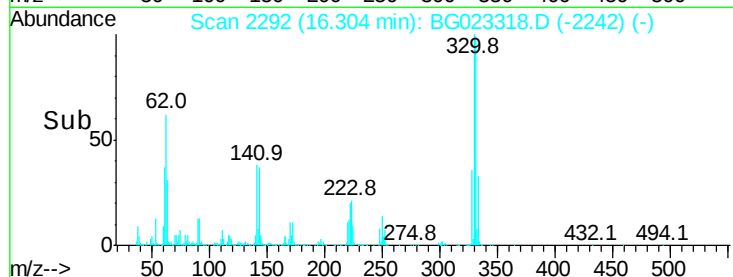
141 40.2 31.7 47.5



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: 75.80 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

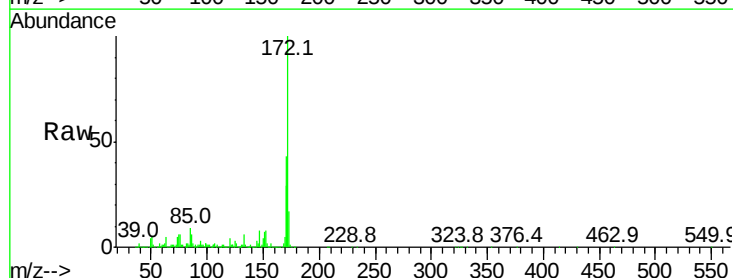
Tgt Ion:172 Resp: 2294844

Ion Ratio Lower Upper

172 100

171 43.2 31.6 47.4

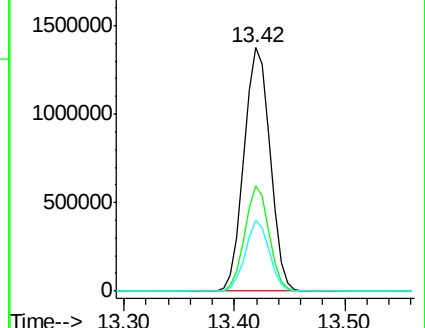
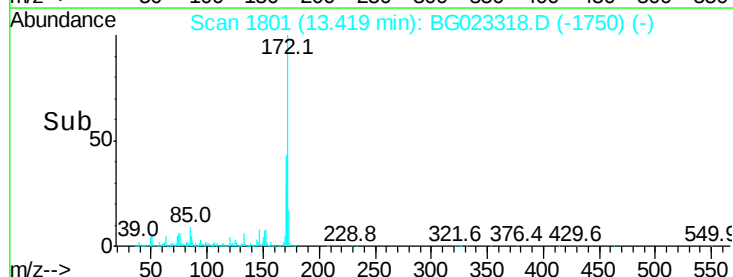
170 29.1 21.3 31.9

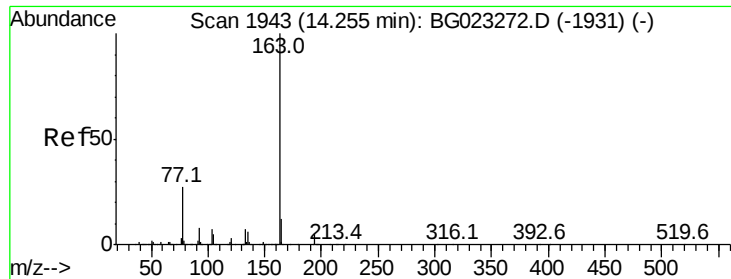


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 18.25 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

Instrument :

BNA_G

ClientSampleId :

SB-38-4.5-5.5

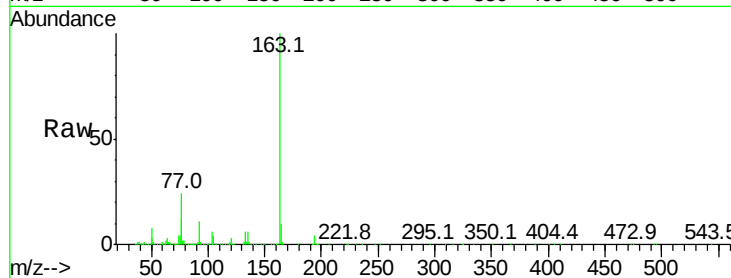
Tot Ion:163 Resp: 763141

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

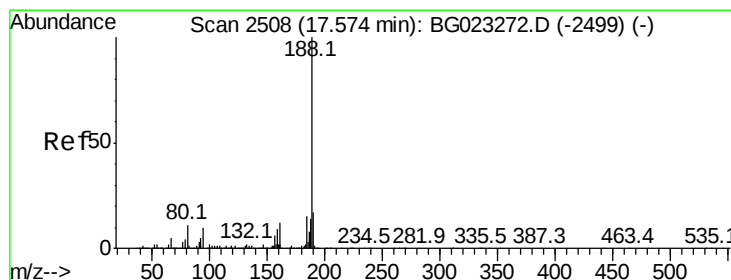
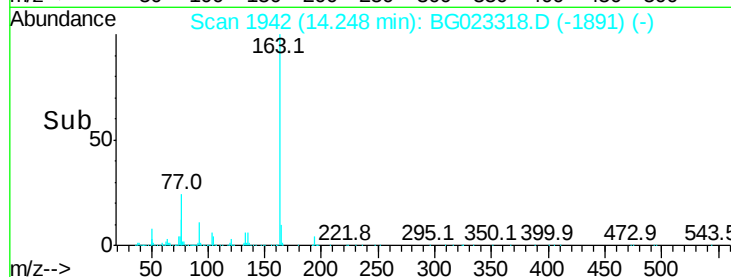
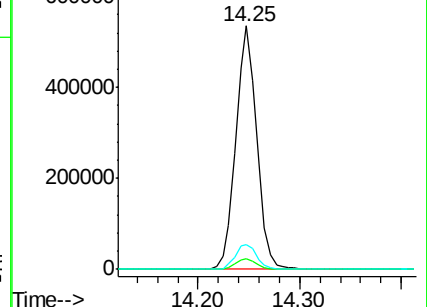
164 10.0 8.1 12.1



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# 2507

Delta R.T. -0.00 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

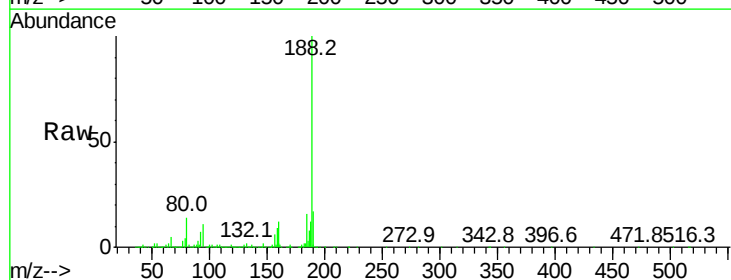
Tgt Ion:188 Resp: 1325314

Ion Ratio Lower Upper

188 100

94 10.8 5.2 7.8#

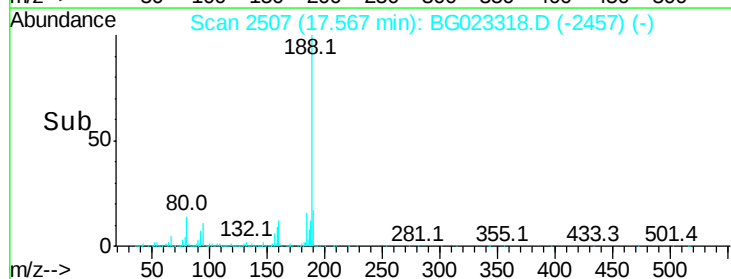
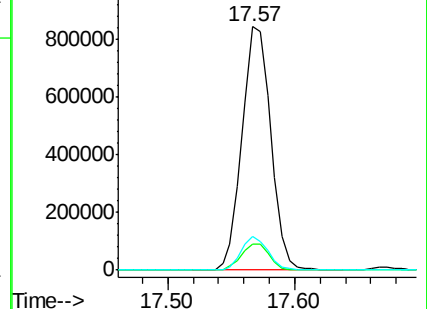
80 13.8 7.2 10.8#

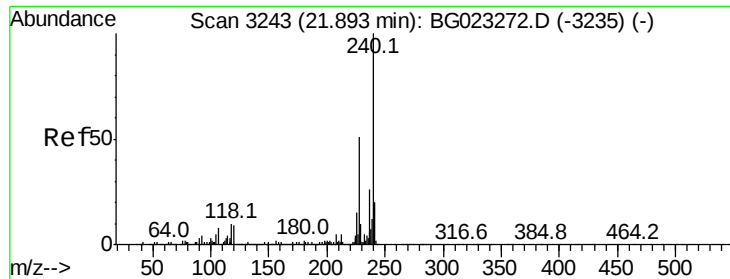


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG023318.D

Acq: 28 Jul 2016 22:26

Instrument :

BNA_G

ClientSampled :

SB-38-4.5-5.5

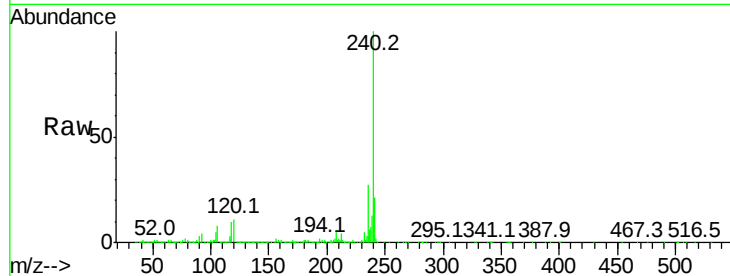
Tot Ion:240 Resp: 1386085

Ion Ratio Lower Upper

240 100

120 10.6 4.1 6.1#

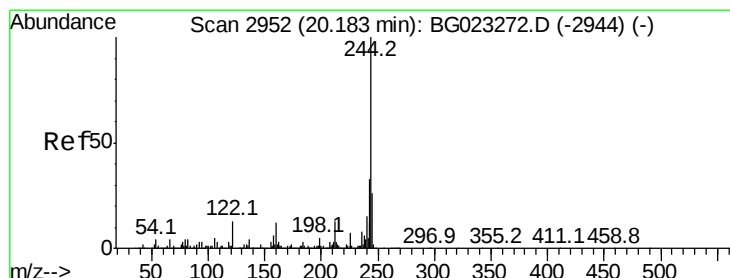
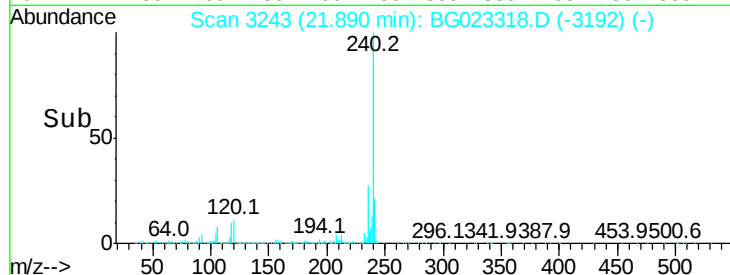
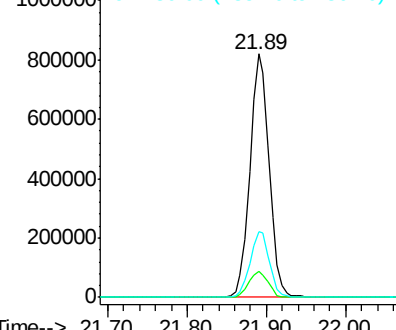
236 27.2 21.1 31.7



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: 66.70 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023318.D

Acq: 28 Jul 2016 22:26

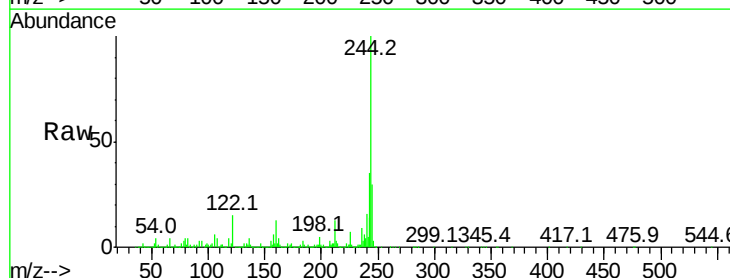
Tgt Ion:244 Resp: 2843899

Ion Ratio Lower Upper

244 100

212 13.1 10.8 16.2

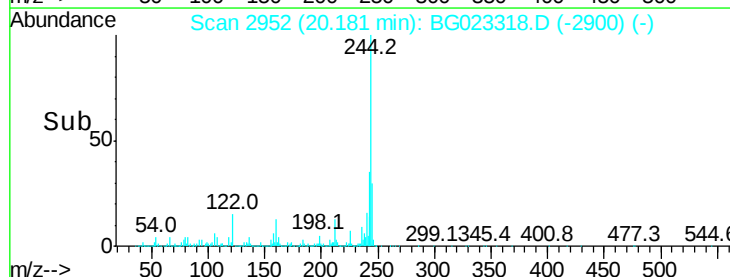
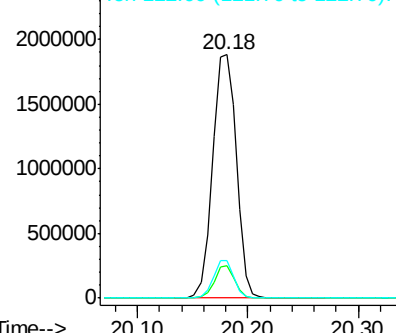
122 15.3 8.0 12.0#

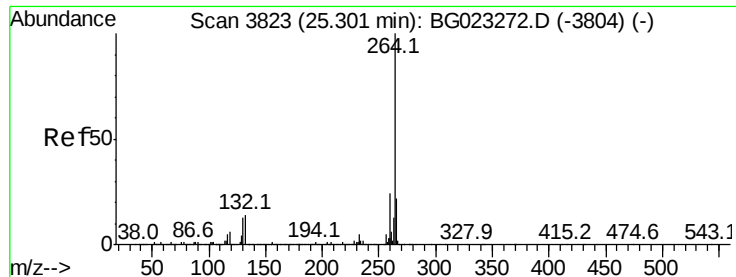


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.01 min
Lab File: BG023318.D
Acq: 28 Jul 2016 22:26

Instrument :
BNA_G
ClientSampleId :
SB-38-4.5-5.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.3	18.9	28.3

