

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072816\
 Data File : BG023309.D
 Acq On : 28 Jul 2016 16:26
 Operator : UM/SJ
 Sample : H4205-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-37-7.0-15.0

Quant Time: Jul 29 01:08:02 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

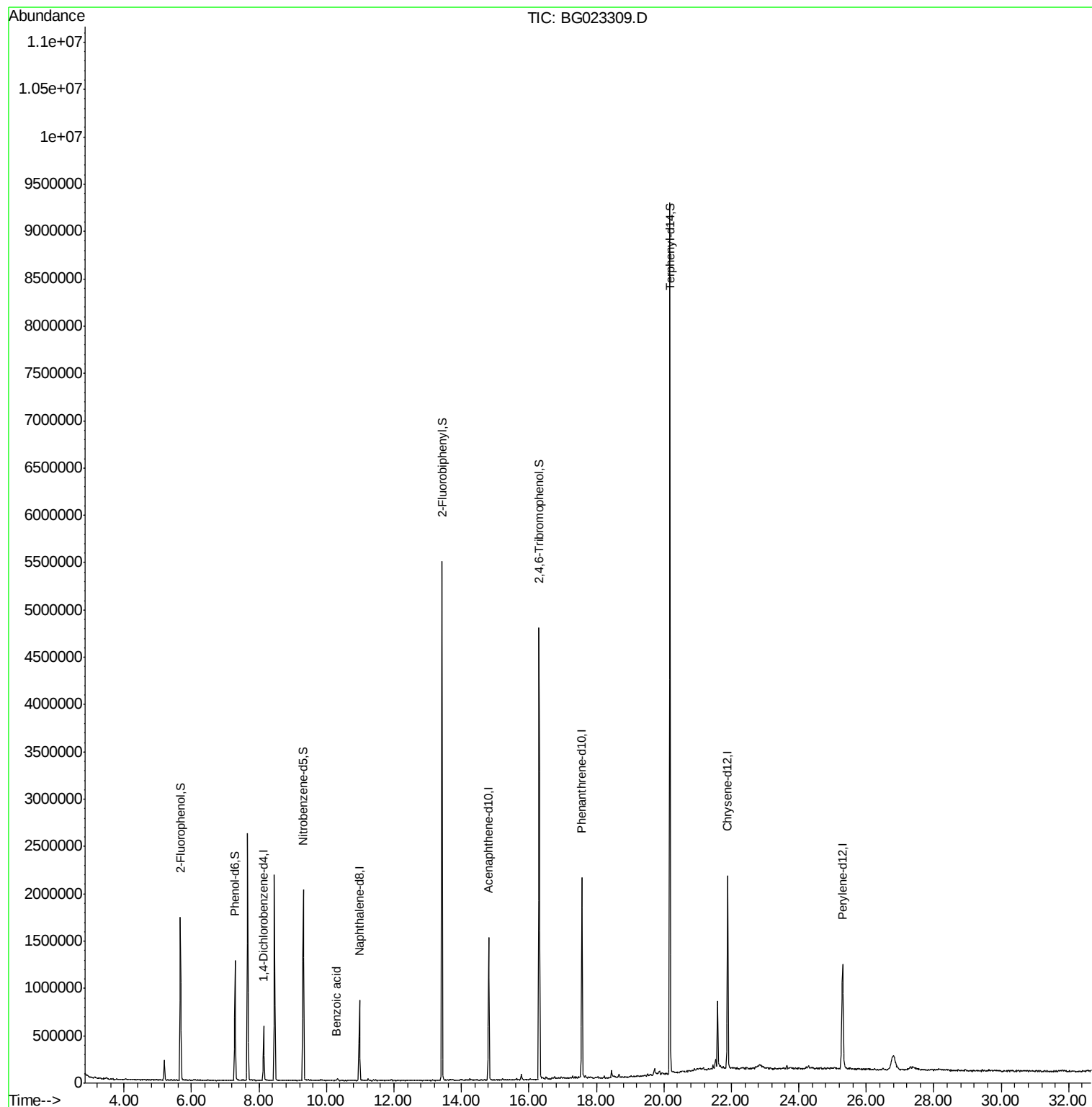
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	155944	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	743277	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	514466	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1223492	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1223028	20.00	ng	0.00
86) Perylene-d12	25.30	264	1232725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	742644	81.30	ng	0.00
7) Phenol-d6	7.29	99	787106	56.12	ng	0.00
23) Nitrobenzene-d5	9.31	82	1300013	85.53	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	869378	163.27	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2657852	96.69	ng	0.00
78) Terphenyl-d14	20.18	244	3243284	86.20	ng	0.00
Target Compounds						
32) Benzoic acid	10.28	122	66	8.12	ng	Qvalue # 87

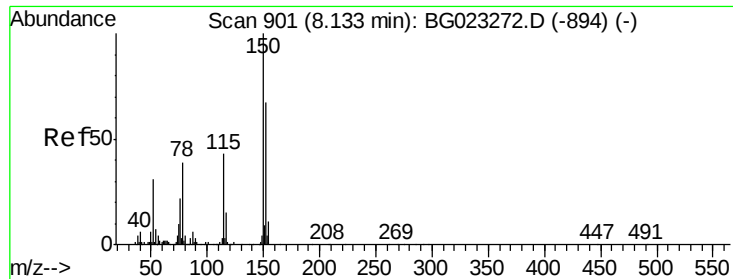
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023309.D

Acq: 28 Jul 2016 16:26

Instrument :

BNA_G

ClientSampleId :

GW-37-7.0-15.0

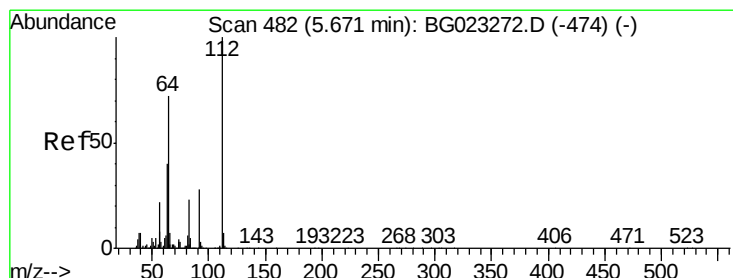
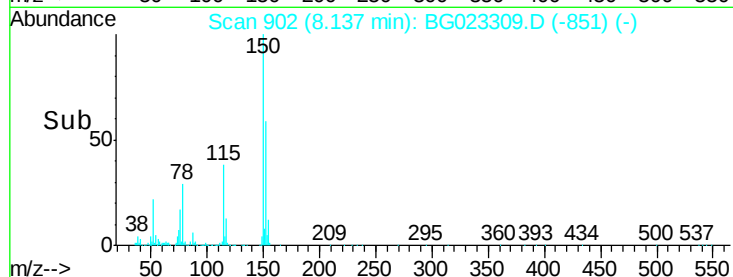
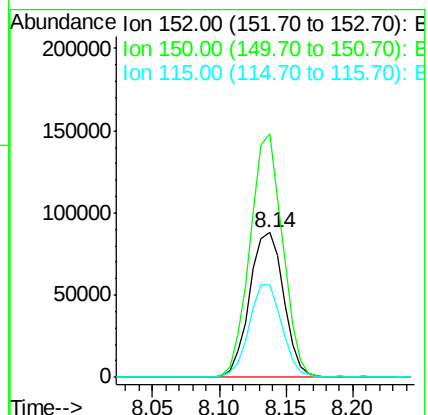
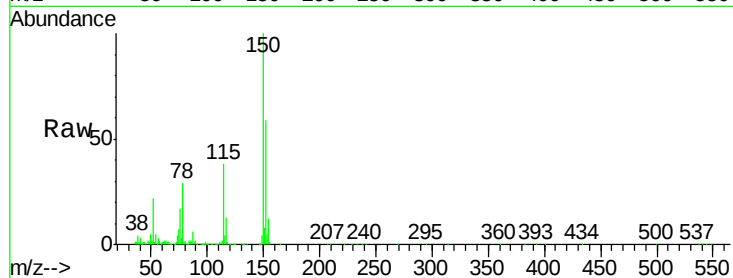
Tgt Ion:152 Resp: 155944

Ion Ratio Lower Upper

152 100

150 168.1 144.7 217.1

115 63.6 64.0 96.0#



#5

2-Fluorophenol

Concen: 81.30 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023309.D

Acq: 28 Jul 2016 16:26

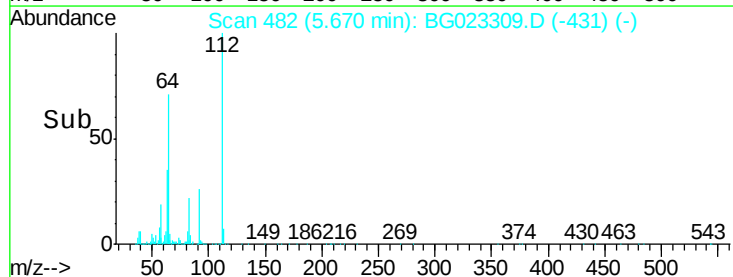
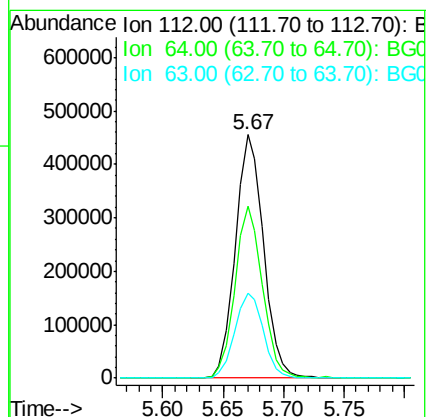
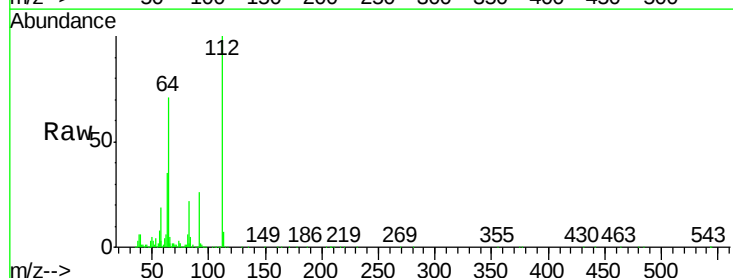
Tgt Ion:112 Resp: 742644

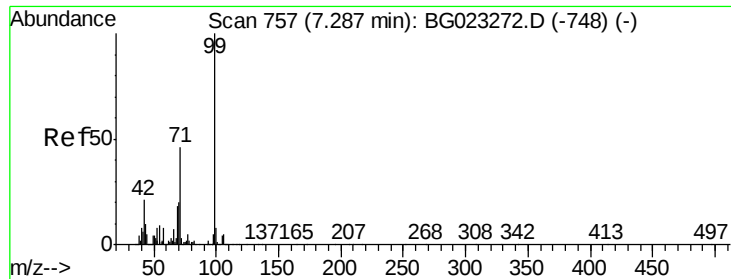
Ion Ratio Lower Upper

112 100

64 70.6 59.0 88.4

63 34.6 37.8 56.8#





#7

Phenol-d6

Concen: 56.12 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023309.D

Acq: 28 Jul 2016 16:26

Instrument :

BNA_G

ClientSampleId :

GW-37-7.0-15.0

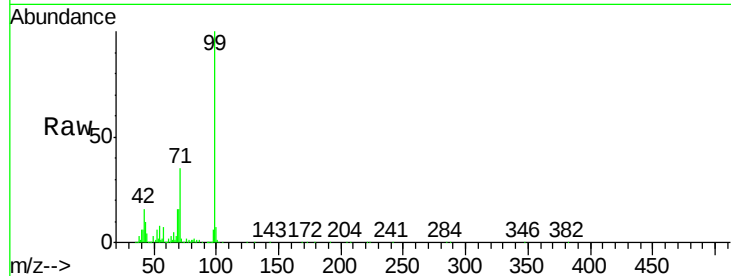
Tgt Ion: 99 Resp: 787106

Ion Ratio Lower Upper

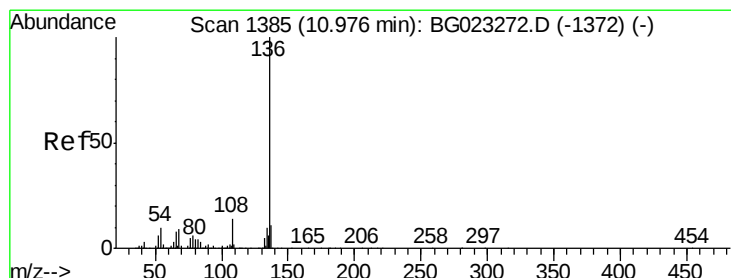
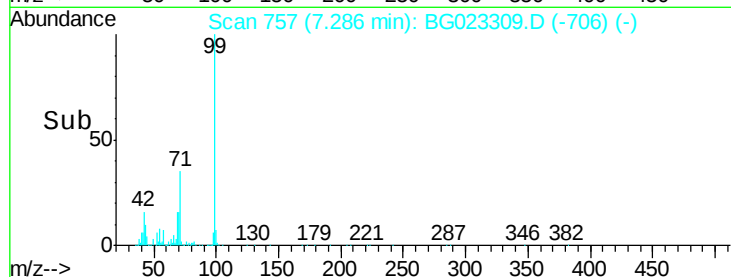
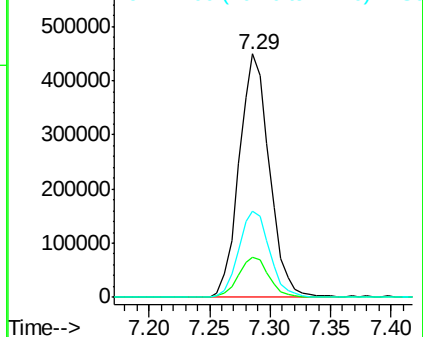
99 100

42 16.5 17.8 26.6#

71 35.3 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# 1385

Delta R.T. -0.00 min

Lab File: BG023309.D

Acq: 28 Jul 2016 16:26

Tgt Ion: 136 Resp: 743277

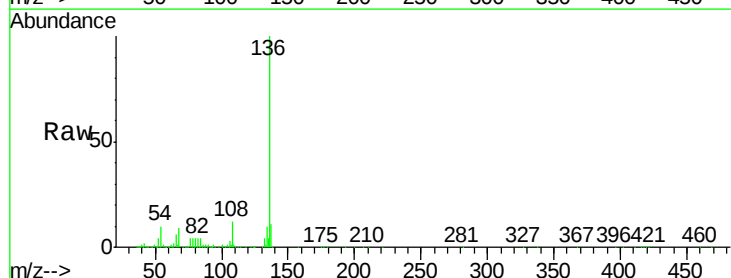
Ion Ratio Lower Upper

136 100

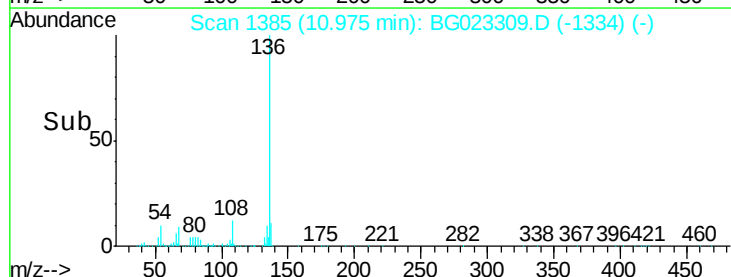
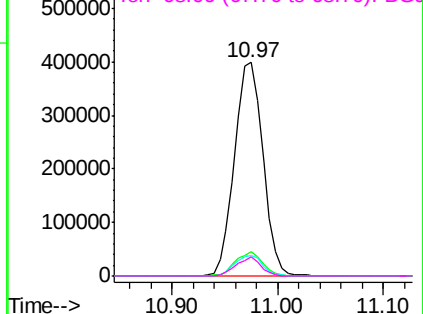
137 11.1 9.6 14.4

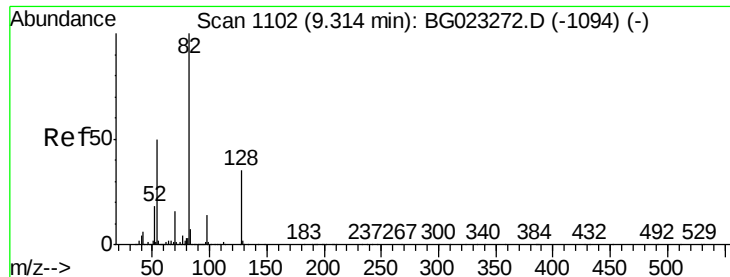
54 9.8 7.3 10.9

68 8.9 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

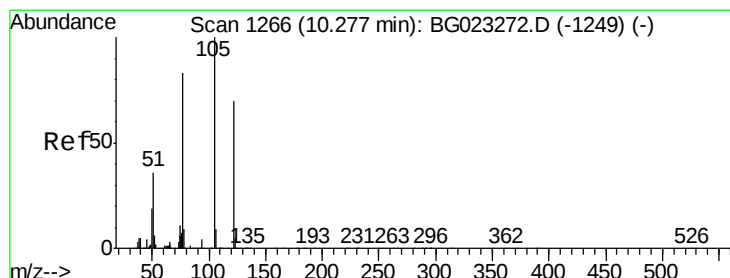
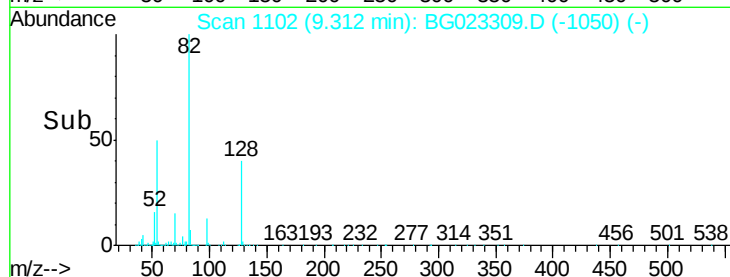
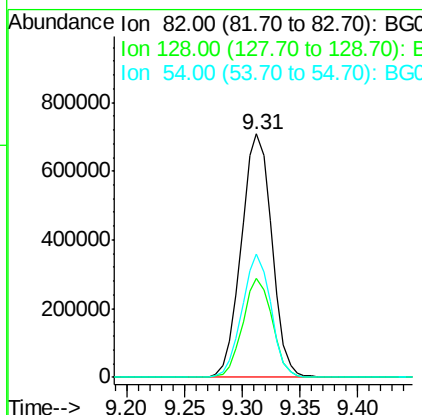
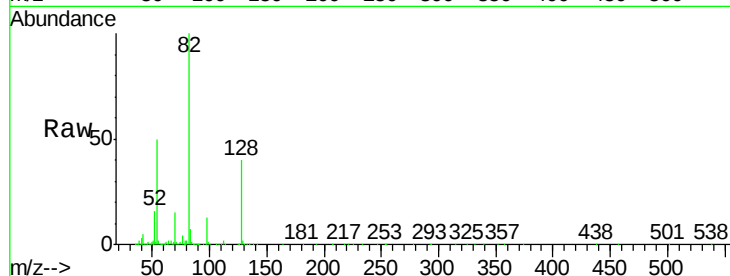




#23
 Nitrobenzene-d5
 Concen: 85.53 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023309.D
 Acq: 28 Jul 2016 16:26

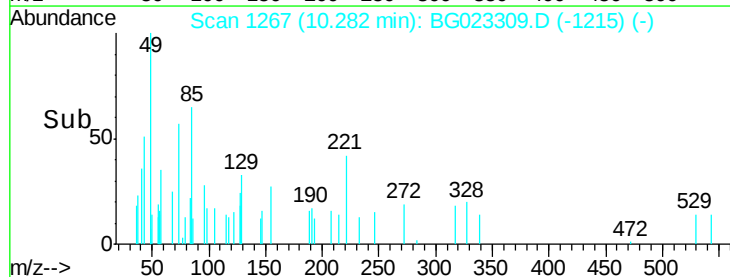
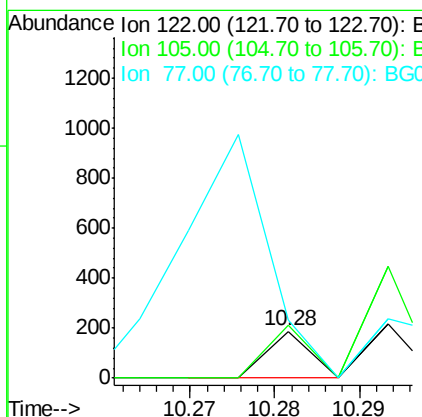
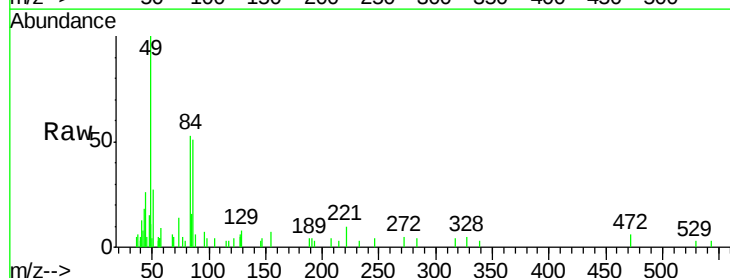
Instrument :
 BNA_G
 ClientSampleId :
 GW-37-7.0-15.0

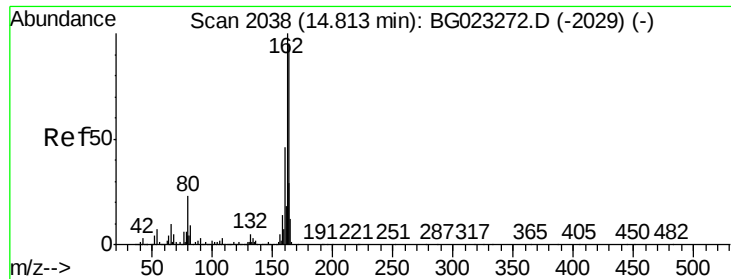
Tgt Ion: 82 Resp: 1300013
 Ion Ratio Lower Upper
 82 100
 128 40.4 24.4 36.6#
 54 50.5 41.4 62.0



#32
 Benzoic acid
 Concen: 8.12 ng
 RT: 10.28 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BG023309.D
 Acq: 28 Jul 2016 16:26

Tgt Ion: 122 Resp: 66
 Ion Ratio Lower Upper
 122 100
 105 112.8 117.2 157.2#
 77 122.3 109.2 149.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BG023309.D

Acq: 28 Jul 2016 16:26

Instrument :

BNA_G

ClientSampleId :

GW-37-7.0-15.0

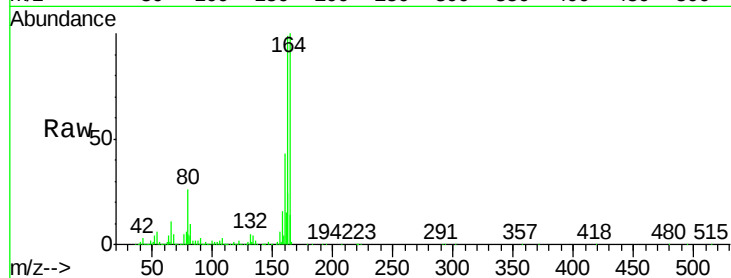
Tgt Ion:164 Resp: 514466

Ion Ratio Lower Upper

164 100

162 99.5 87.7 131.5

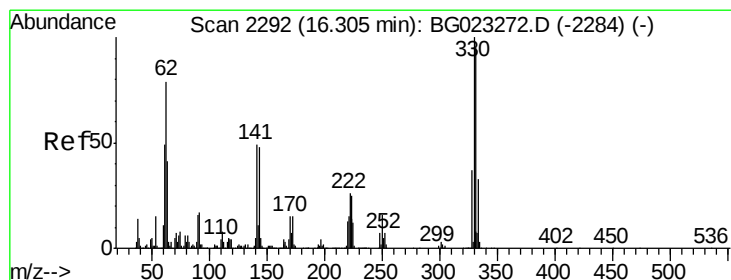
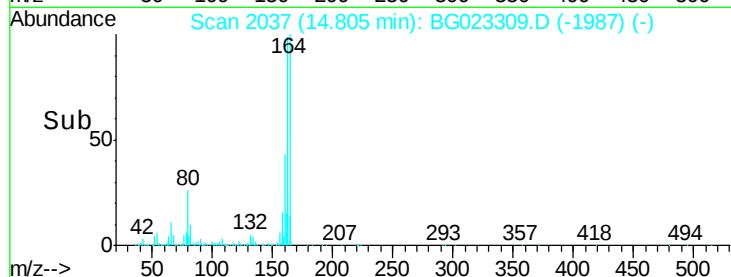
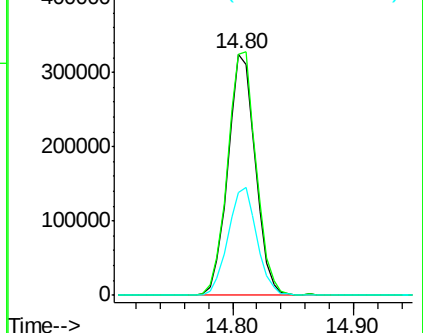
160 42.8 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 163.27 ng

RT: 16.31 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BG023309.D

Acq: 28 Jul 2016 16:26

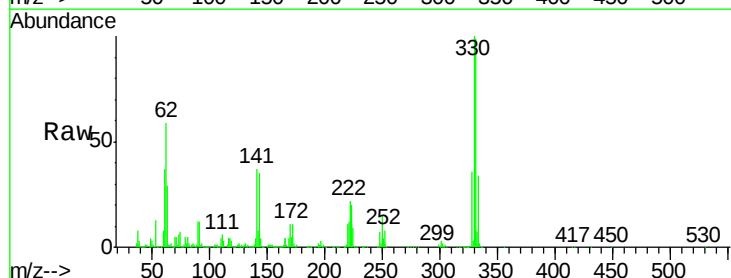
Tgt Ion:330 Resp: 869378

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

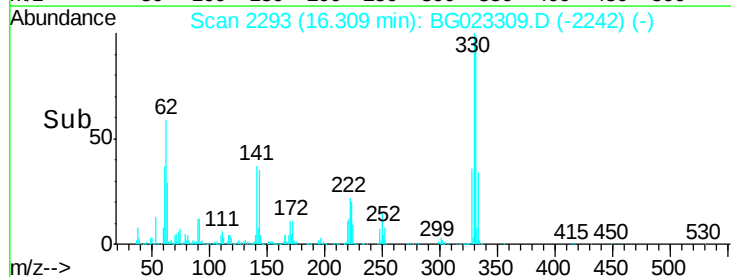
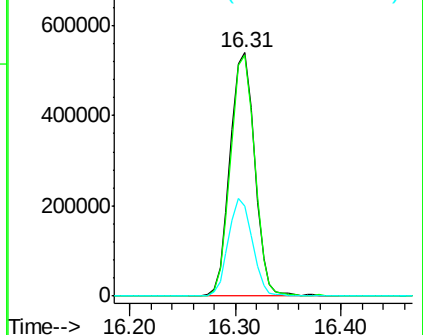
141 39.6 31.7 47.5

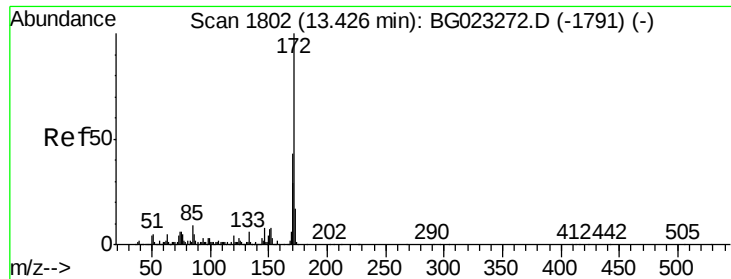


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

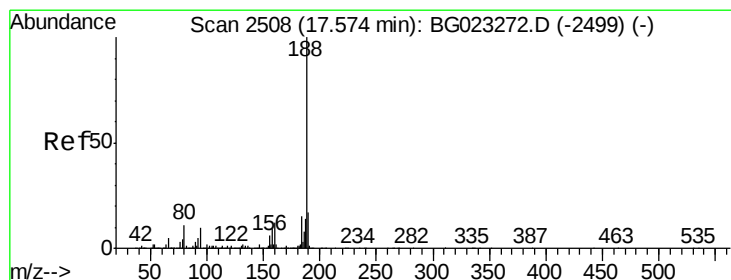
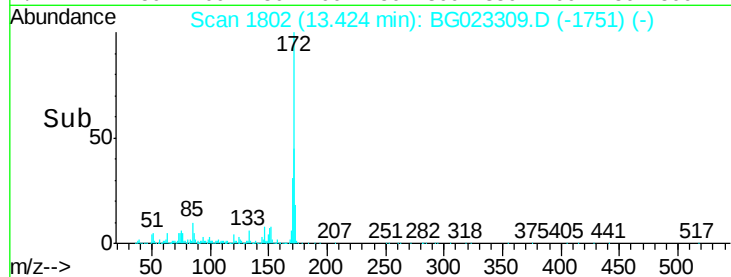
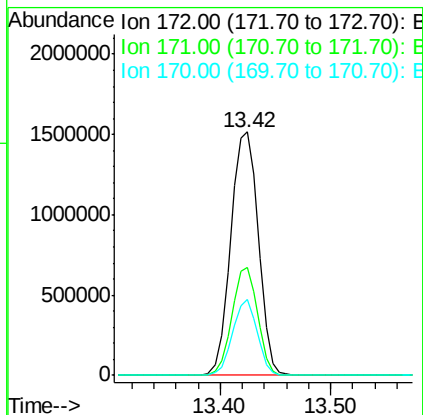
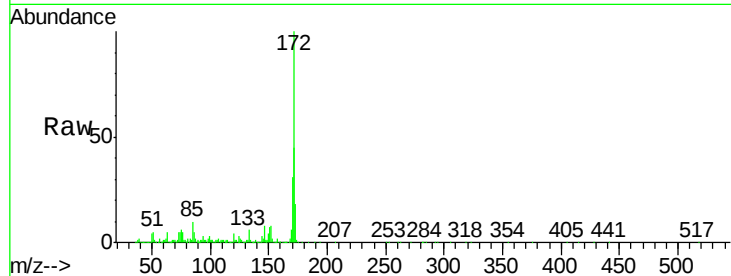




#44
2-Fluorobiphenyl
Concen: 96.69 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023309.D
Acq: 28 Jul 2016 16:26

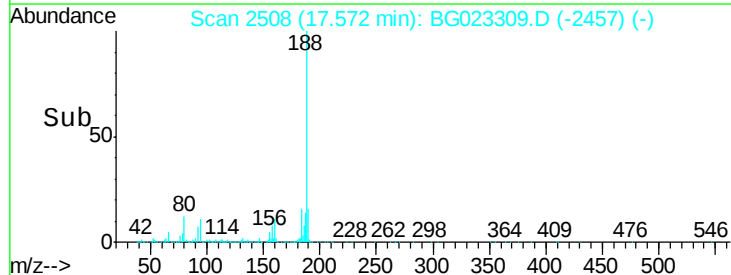
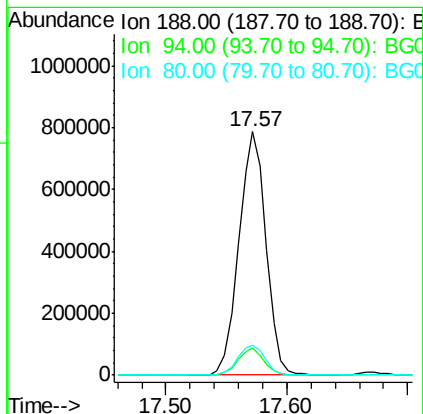
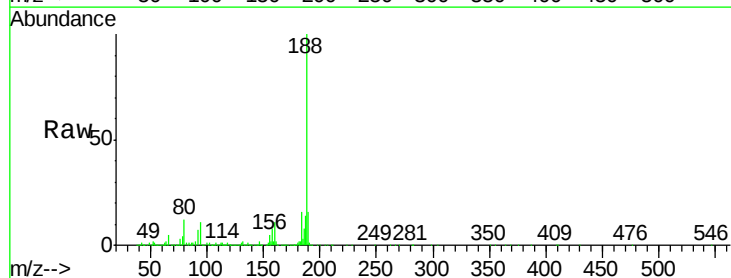
Instrument :
BNA_G
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GW-37-7.0-15.0

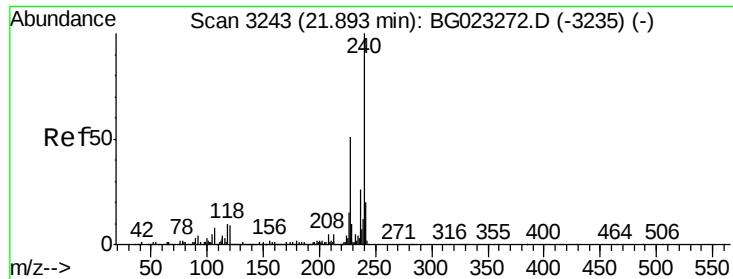
Tgt Ion:172 Resp: 2657852
Ion Ratio Lower Upper
172 100
171 44.6 31.6 47.4
170 31.4 21.3 31.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG023309.D
Acq: 28 Jul 2016 16:26

Tgt Ion:188 Resp: 1223492
Ion Ratio Lower Upper
188 100
94 11.2 5.2 7.8#
80 12.4 7.2 10.8#

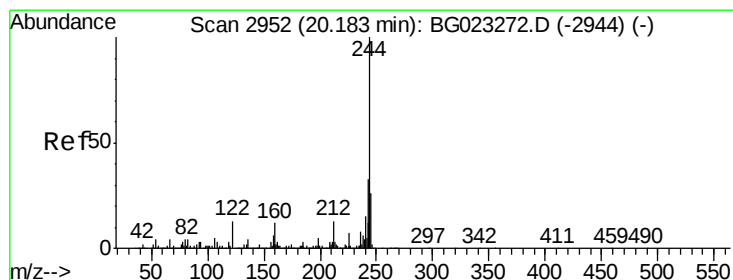
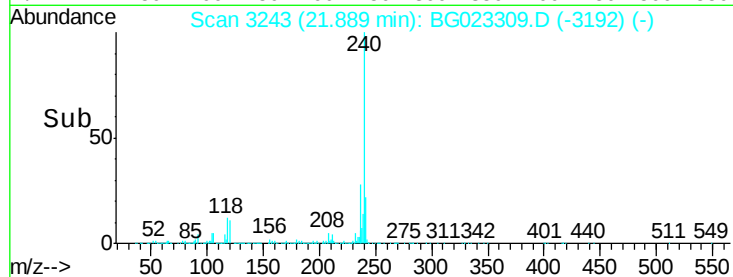
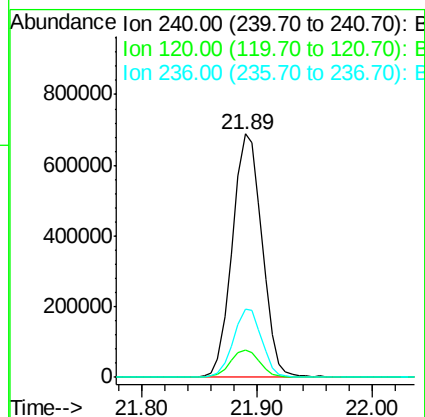
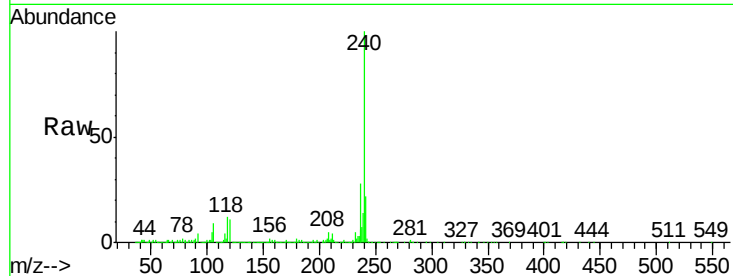




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. 0.00 min
 Lab File: BG023309.D
 Acq: 28 Jul 2016 16:26

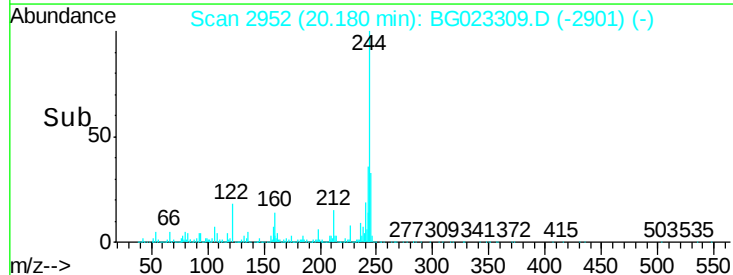
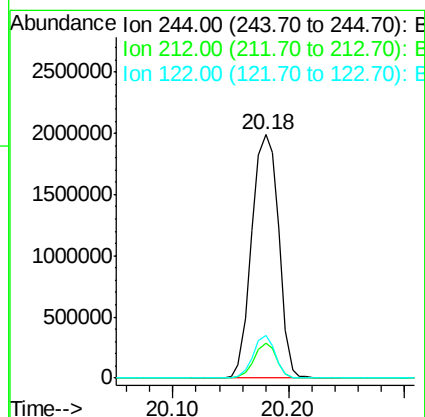
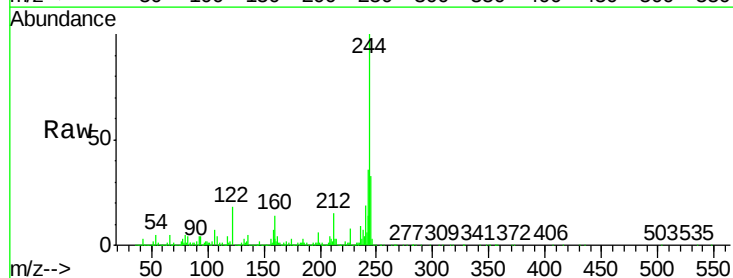
Instrument :
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 GW-37-7.0-15.0

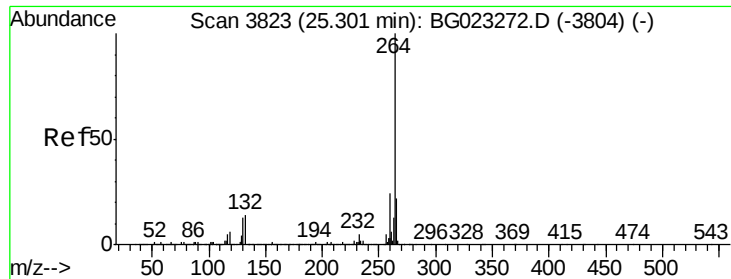
Tgt Ion:240 Resp: 1223028
 Ion Ratio Lower Upper
 240 100
 120 11.2 4.1 6.1#
 236 28.0 21.1 31.7



#78
 Terphenyl-d14
 Concen: 86.20 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG023309.D
 Acq: 28 Jul 2016 16:26

Tgt Ion:244 Resp: 3243284
 Ion Ratio Lower Upper
 244 100
 212 14.6 10.8 16.2
 122 17.6 8.0 12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023309.D
Acq: 28 Jul 2016 16:26

Instrument :
BNA_G
ClientSampleId :
GW-37-7.0-15.0

Tgt Ion:264 Resp: 1232725
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 20.4 18.9 28.3

