

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023300.D
 Acq On : 28 Jul 2016 2:20
 Operator : UM/SJ
 Sample : H4152-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-13-6.0-15.0

Quant Time: Jul 28 03:37:13 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

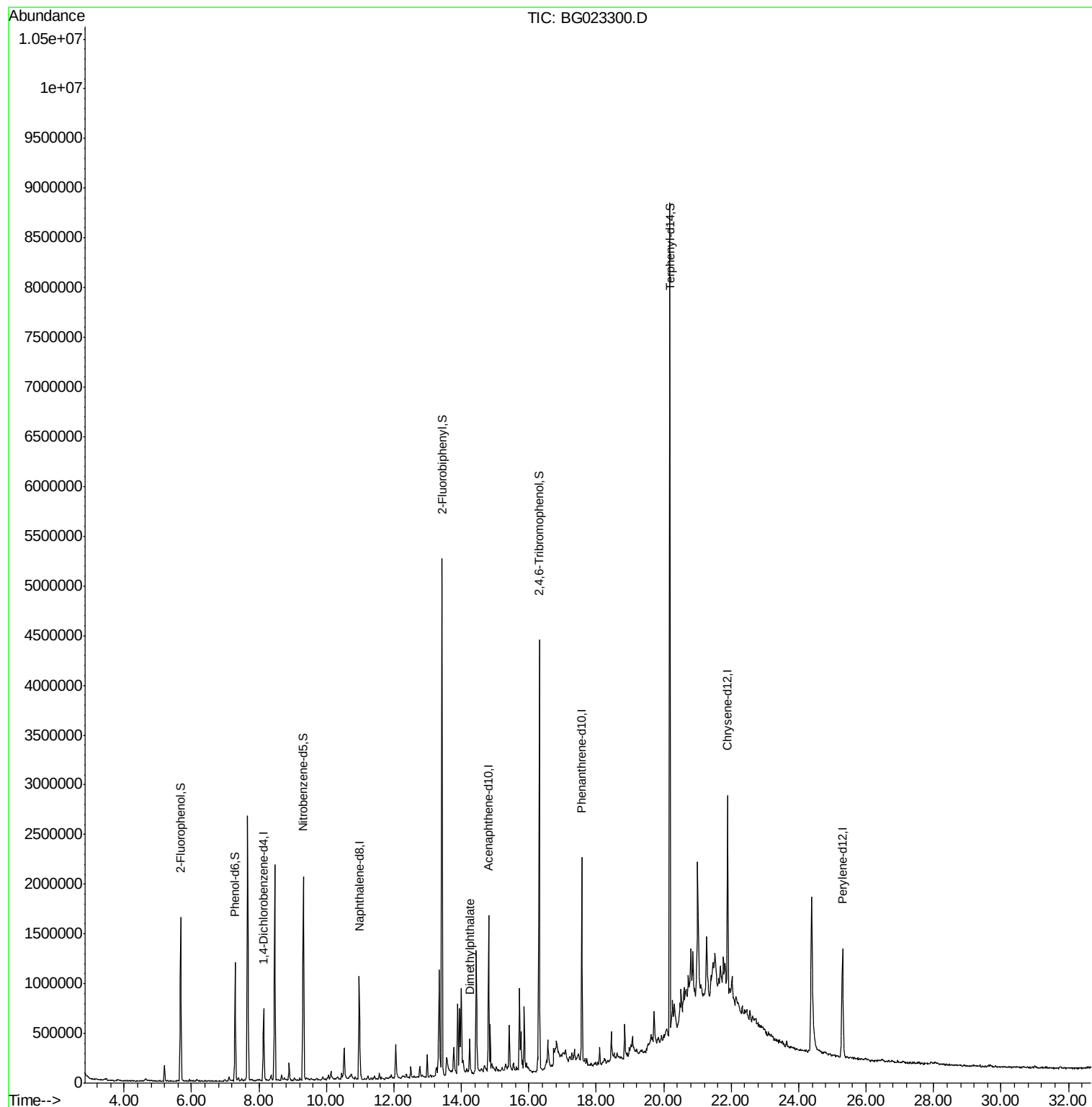
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	196902	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	859959	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	528364	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1155394	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1111552	20.00	ng	0.00
86) Perylene-d12	25.30	264	1162224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	726536	62.99	ng	0.00
7) Phenol-d6	7.29	99	756520	42.72	ng	0.00
23) Nitrobenzene-d5	9.31	82	1313121	74.67	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	782713	143.13	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2483035	87.96	ng	0.00
78) Terphenyl-d14	20.18	244	2955992	86.45	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	210463	5.40	ng	Qvalue 98

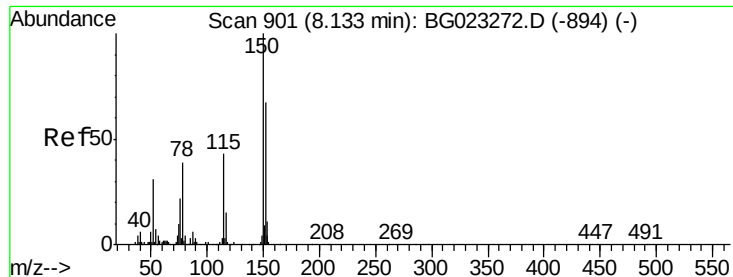
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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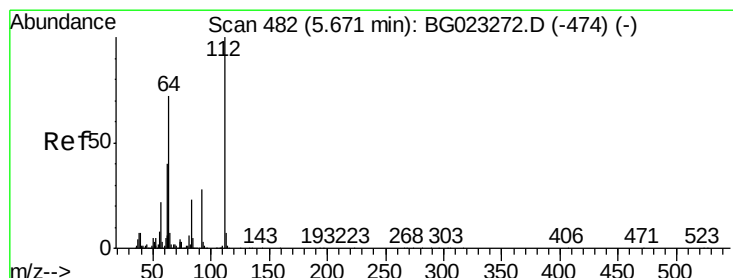
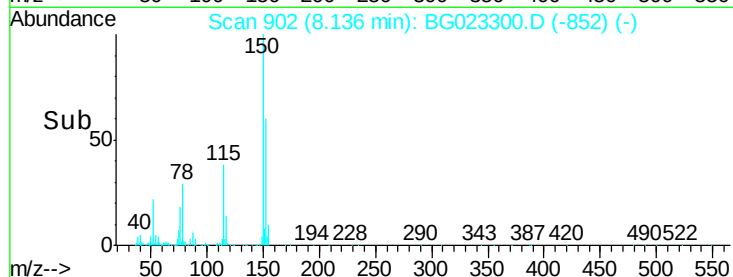
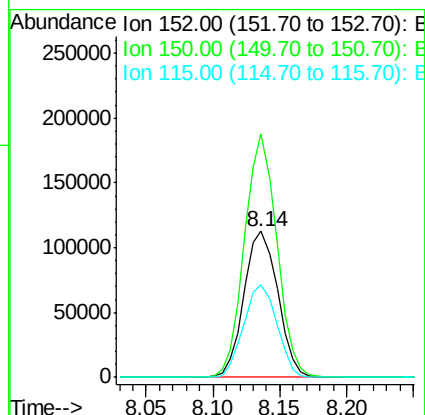
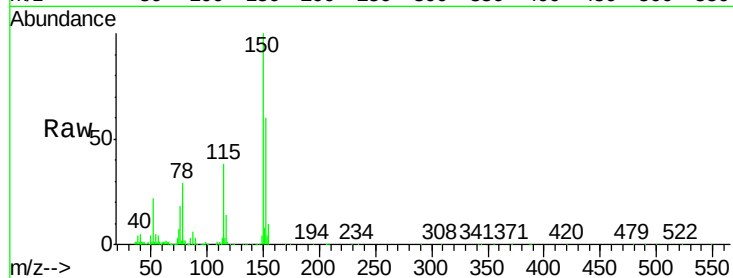


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

Instrument :
BNA_G
ClientSampleId :
GW-13-6.0-15.0

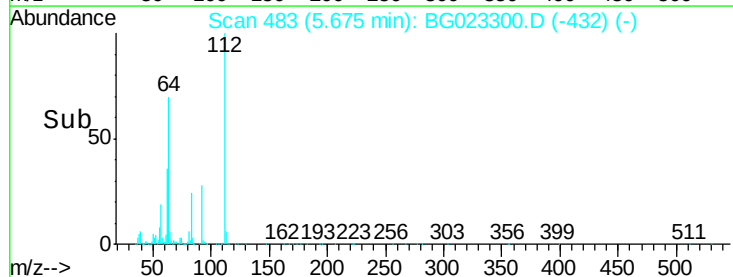
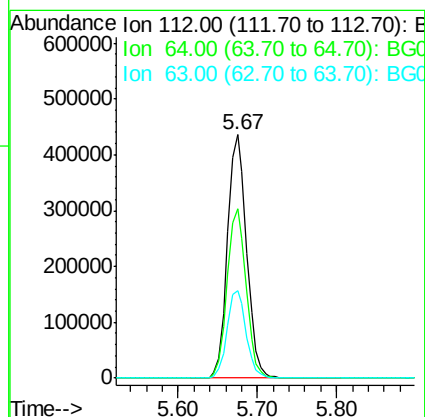
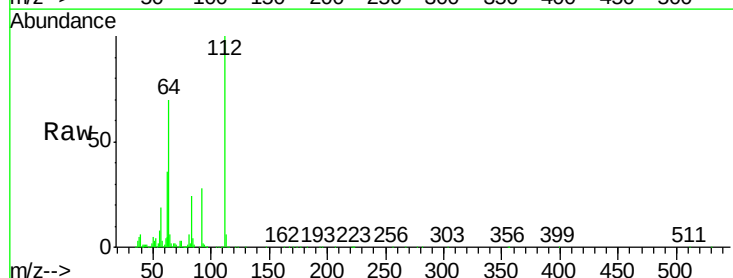
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.7	144.7	217.1
115	63.6	64.0	96.0

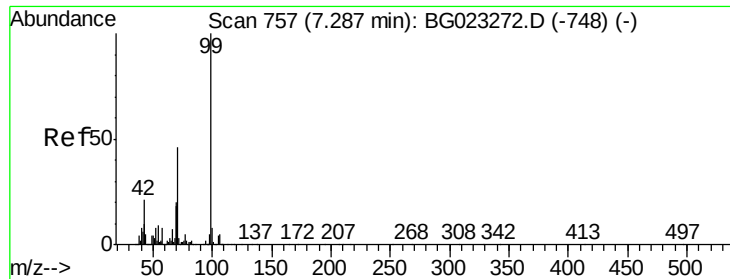


#5

2-Fluorophenol
Concen: 62.99 ng
RT: 5.67 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	59.0	88.4
63	36.1	37.8	56.8





#7

Phenol-d6

Concen: 42.72 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

Instrument :

BNA_G

ClientSampleId :

GW-13-6.0-15.0

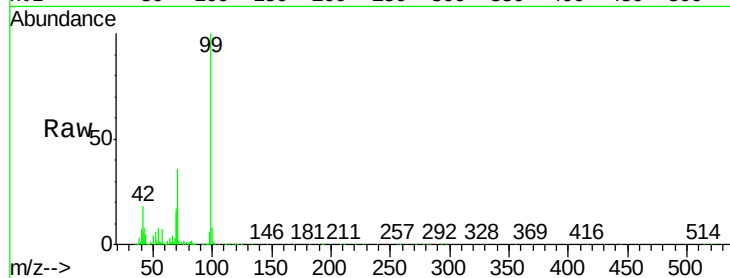
Tot Ion: 99 Resp: 756520

Ion Ratio Lower Upper

99 100

42 17.6 17.8 26.6#

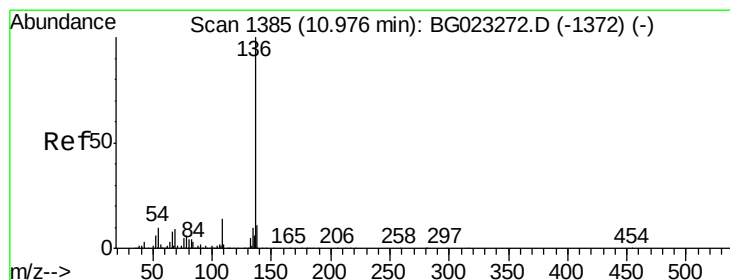
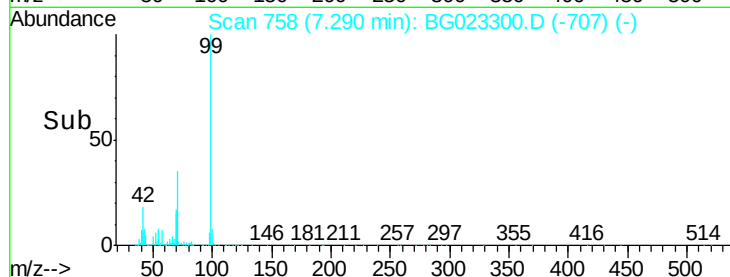
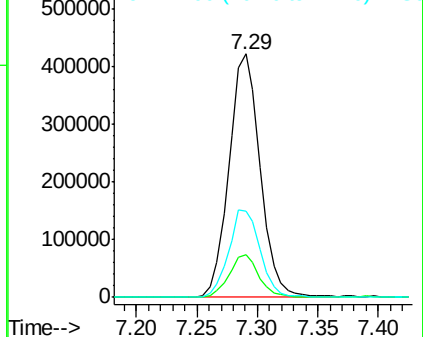
71 35.6 41.5 62.3#



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: BG023300.D

Acq: 28 Jul 2016 2:20

Tgt Ion: 136 Resp: 859959

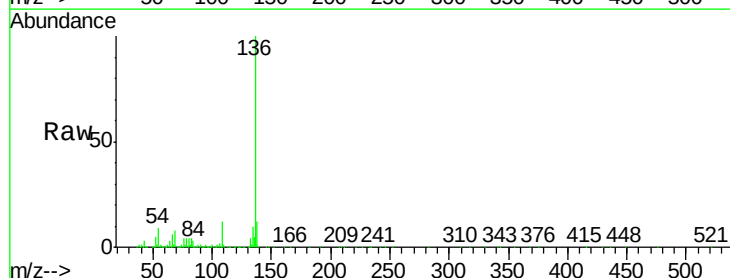
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 9.4 7.3 10.9

68 8.2 5.3 7.9#

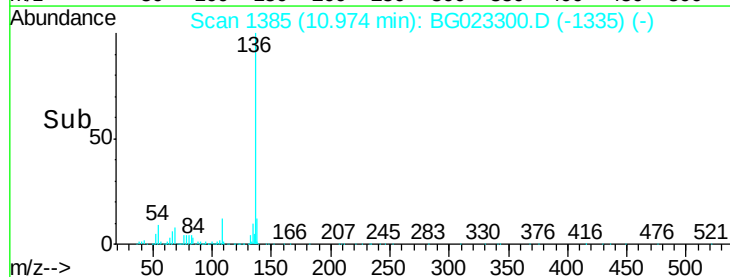
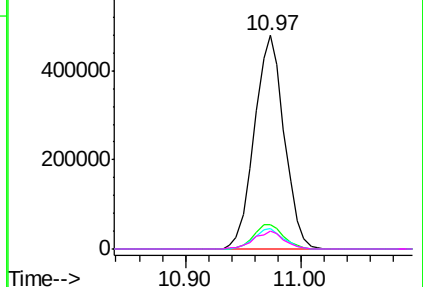


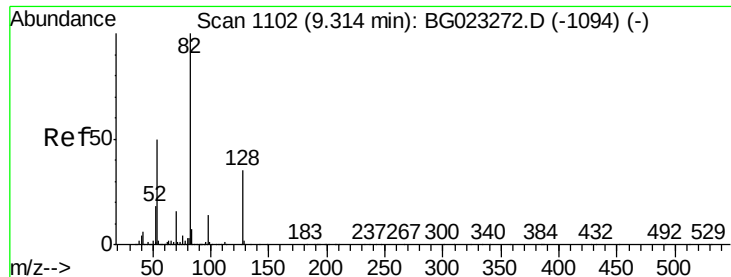
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

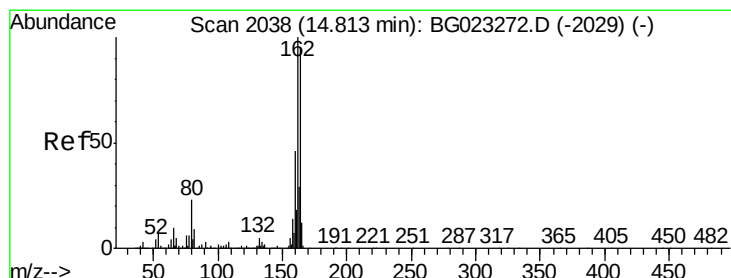
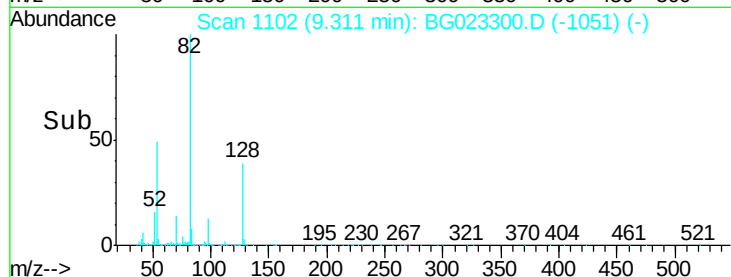
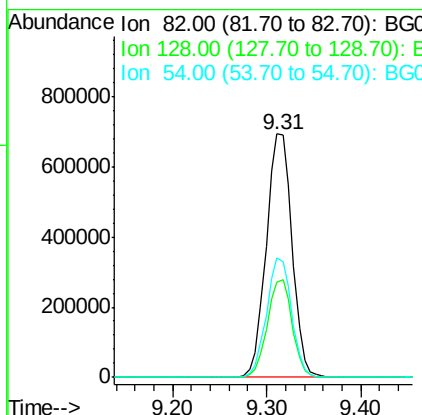
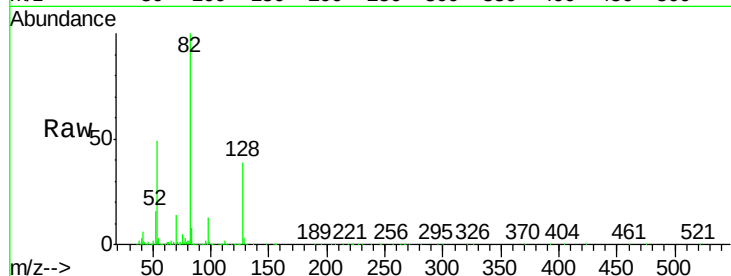




#23
 Nitrobenzene-d5
 Concen: 74.67 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023300.D
 Acq: 28 Jul 2016 2:20

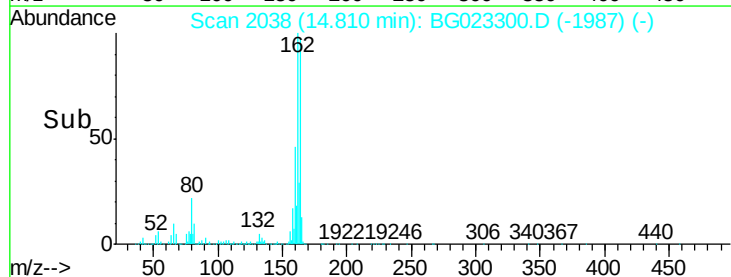
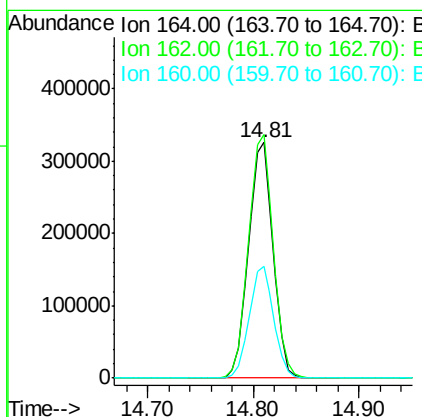
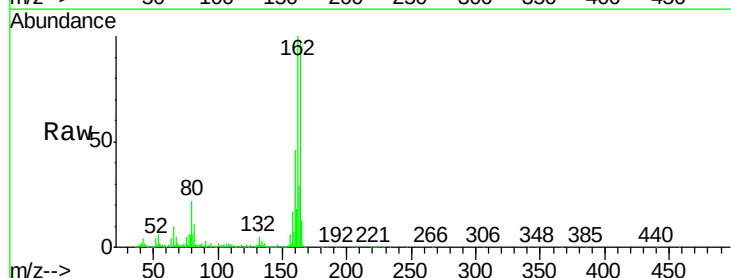
Instrument :
 BNA_G
 ClientSampleId :
 GW-13-6.0-15.0

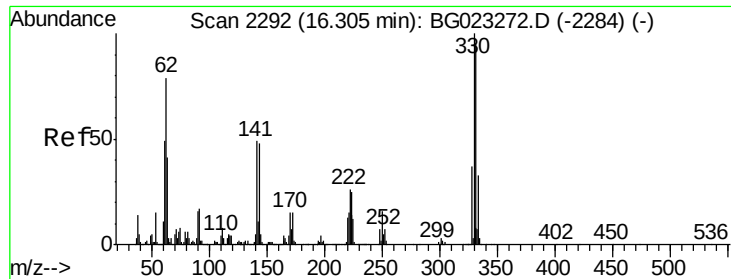
Tot Ion: 82 Resp: 1313121
 Ion Ratio Lower Upper
 82 100
 128 38.9 24.4 36.6#
 54 49.2 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG023300.D
 Acq: 28 Jul 2016 2:20

Tgt Ion:164 Resp: 528364
 Ion Ratio Lower Upper
 164 100
 162 103.3 87.7 131.5
 160 47.3 37.2 55.8

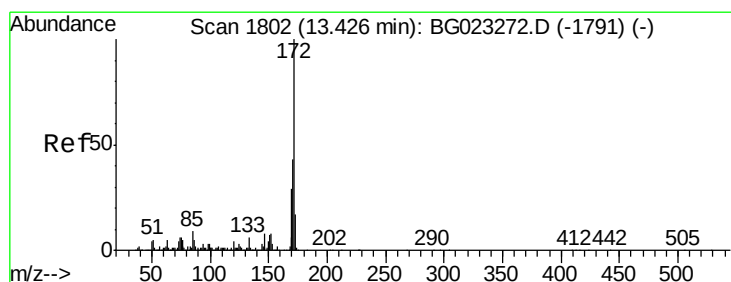
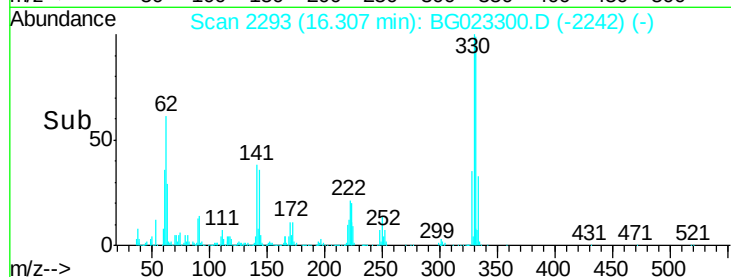
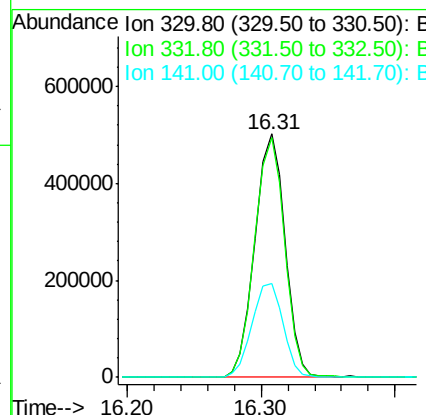
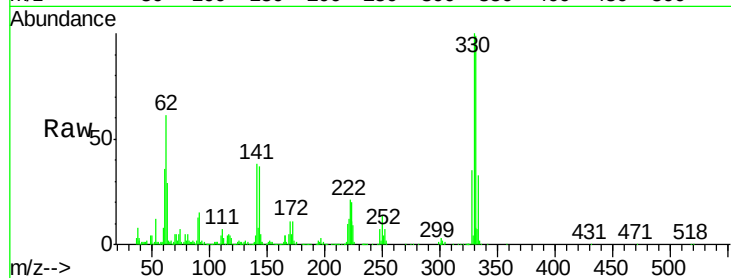




#41
2,4,6-Tribromophenol
Concen: 143.13 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

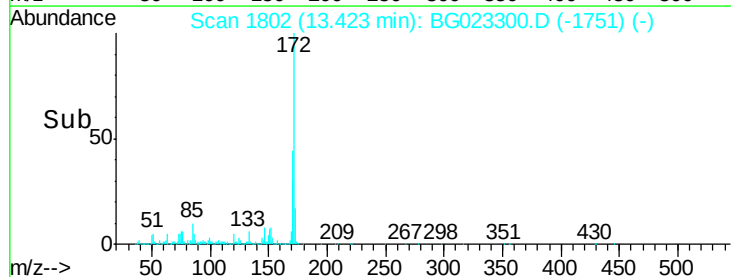
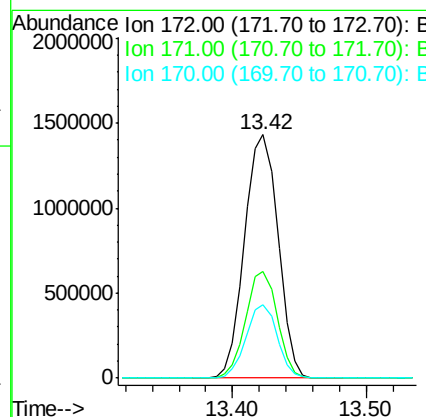
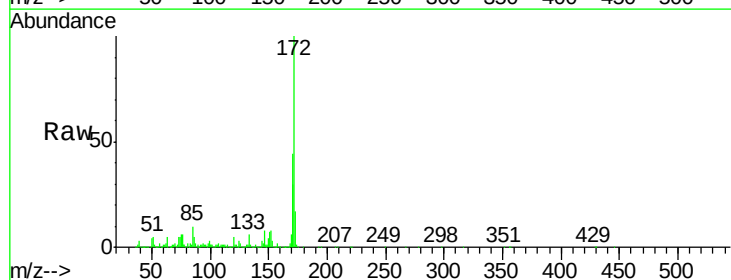
Instrument :
BNA_G
ClientSampleId :
GW-13-6.0-15.0

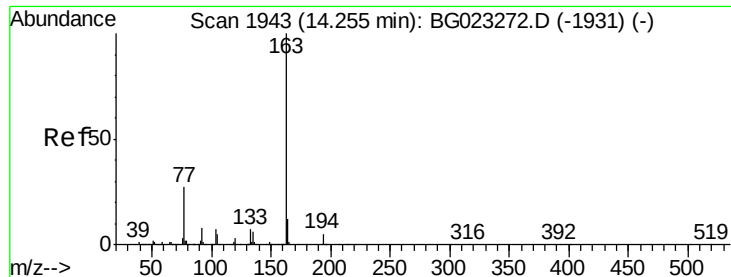
Tot Ion:330 Resp: 782713
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.2
141 39.5 31.7 47.5



#44
2-Fluorobiphenyl
Concen: 87.96 ng
RT: 13.42 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

Tgt Ion:172 Resp: 2483035
Ion Ratio Lower Upper
172 100
171 43.7 31.6 47.4
170 30.2 21.3 31.9





#49

Dimethylphthalate

Concen: 5.40 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023300.D

Acq: 28 Jul 2016 2:20

Instrument :

BNA_G

ClientSampleId :

GW-13-6.0-15.0

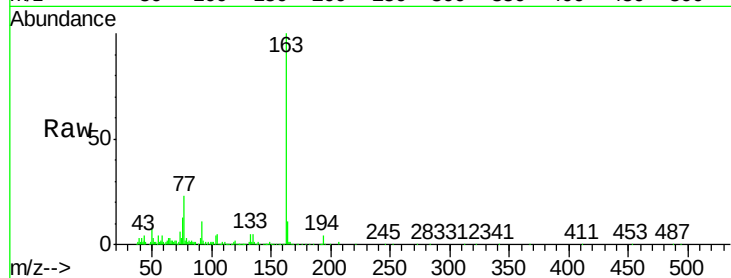
Tot Ion:163 Resp: 210463

Ion Ratio Lower Upper

163 100

194 3.6 3.6 5.4

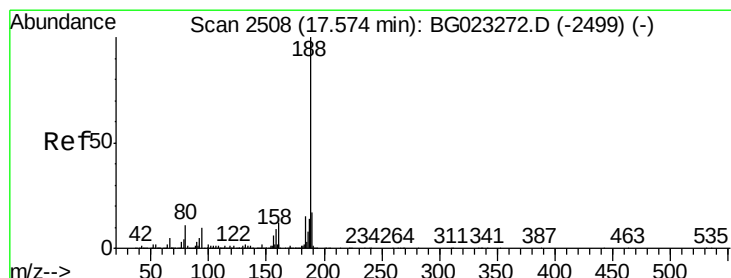
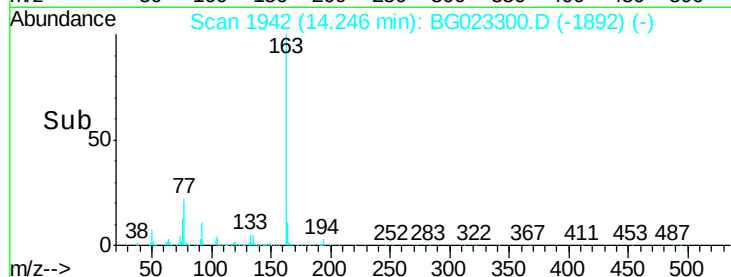
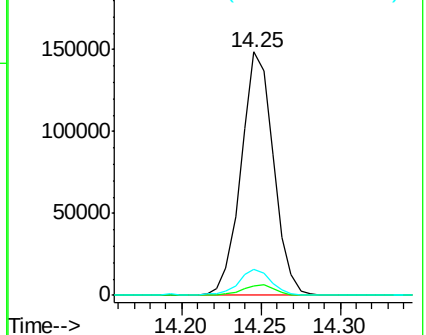
164 10.9 8.1 12.1



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: BG023300.D

Acq: 28 Jul 2016 2:20

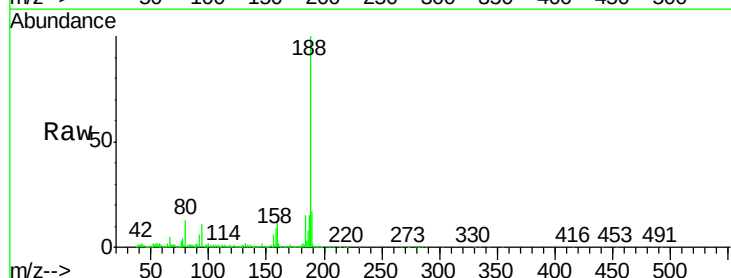
Tgt Ion:188 Resp: 1155394

Ion Ratio Lower Upper

188 100

94 10.5 5.2 7.8#

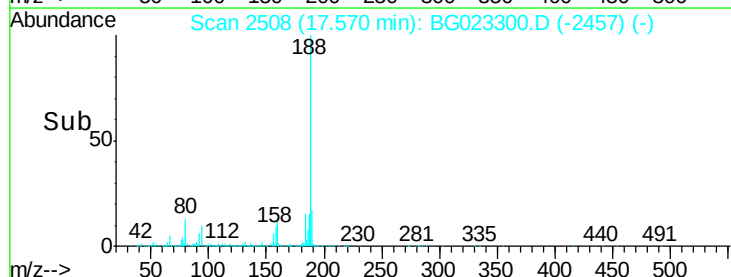
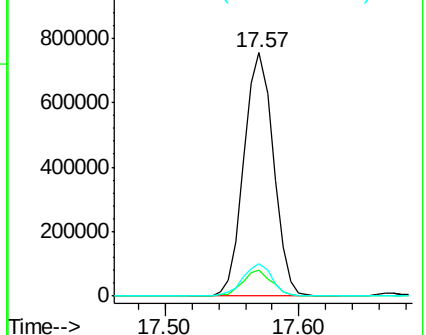
80 13.3 7.2 10.8#

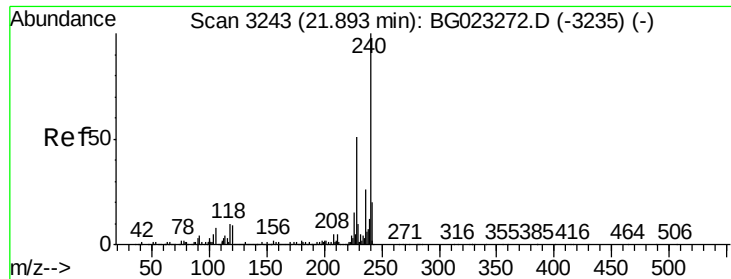


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

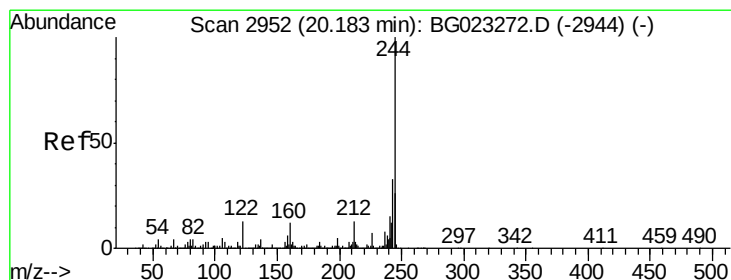
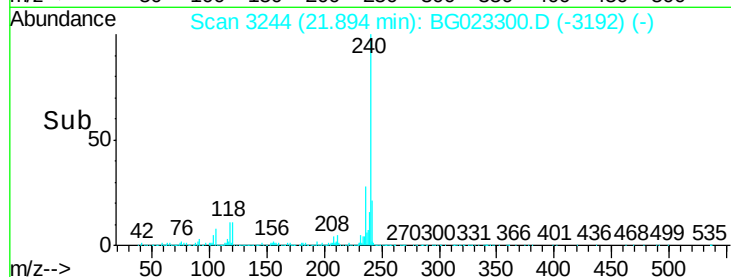
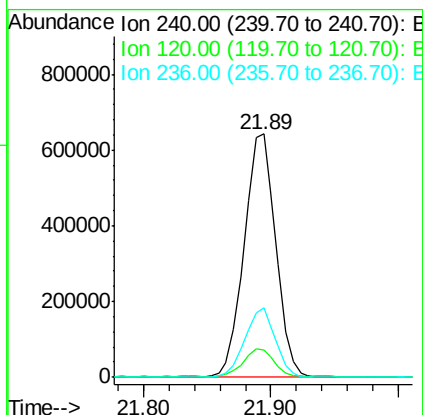
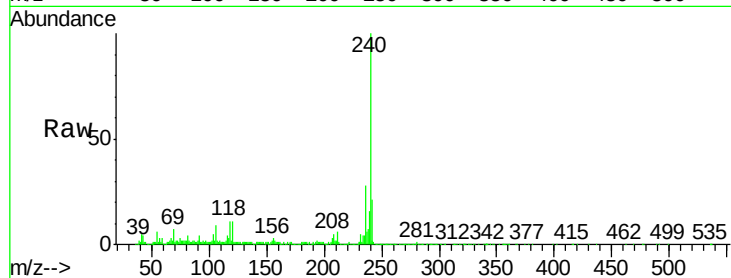




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

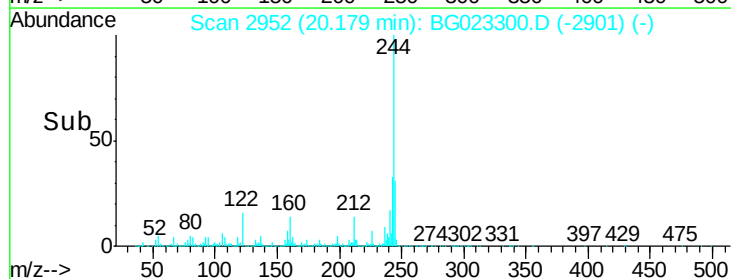
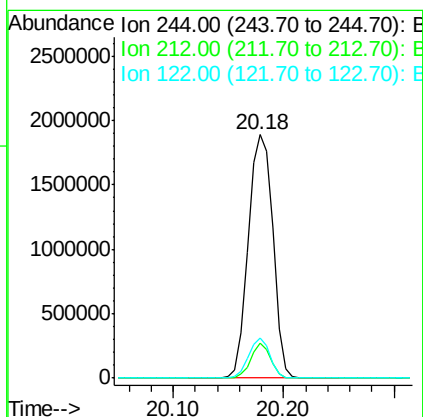
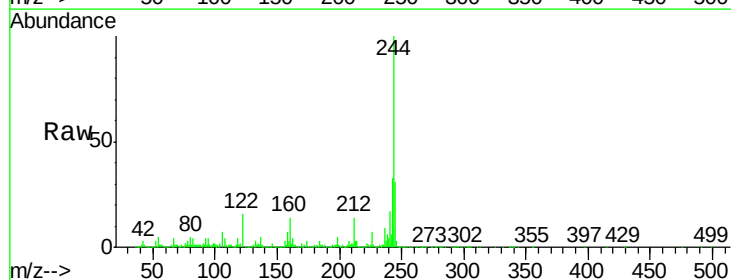
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GW-13-6.0-15.0

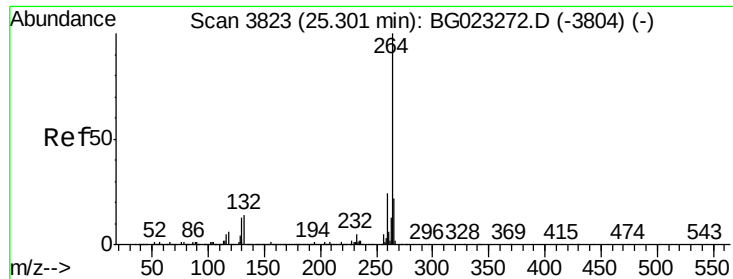
Tot Ion:240 Resp: 1111552
Ion Ratio Lower Upper
240 100
120 11.1 4.1 6.1#
236 28.3 21.1 31.7



#78
Terphenyl-d14
Concen: 86.45 ng
RT: 20.18 min Scan# 2952
Delta R.T. 0.00 min
Lab File: BG023300.D
Acq: 28 Jul 2016 2:20

Tgt Ion:244 Resp: 2955992
Ion Ratio Lower Upper
244 100
212 14.3 10.8 16.2
122 16.4 8.0 12.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.30 min Scan# 3824
 Delta R.T. -0.00 min
 Lab File: BG023300.D
 Acq: 28 Jul 2016 2:20

Instrument :
 BNA_G
 ClientSampleId :
 GW-13-6.0-15.0

Tot Ion:264 Resp: 1162224
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.4 27.6
 265 22.6 18.9 28.3

