

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023314.D
 Acq On : 28 Jul 2016 19:46
 Operator : UM/SJ
 Sample : H4205-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-42-6.1-15.0

Quant Time: Jul 29 01:28:17 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

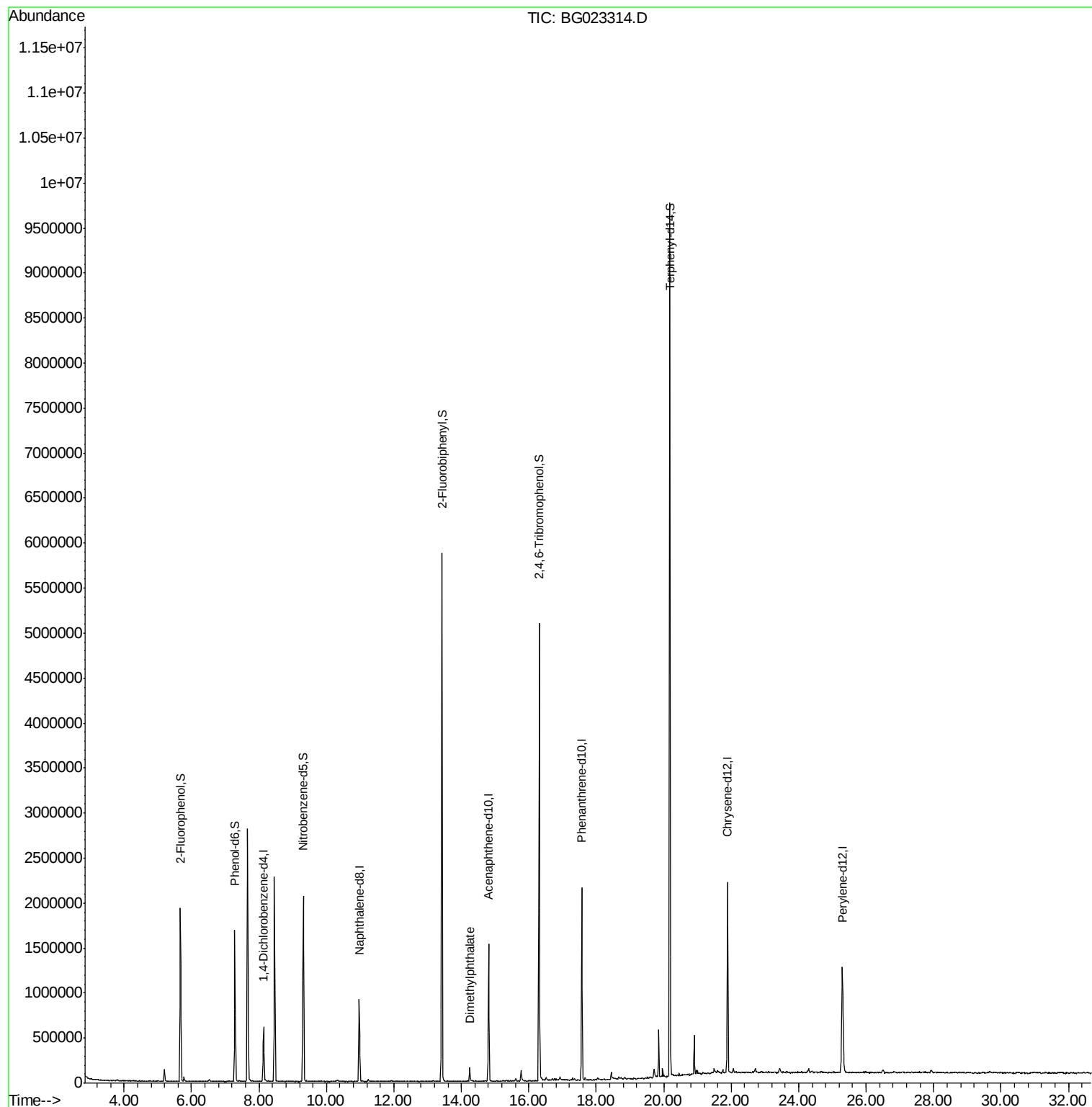
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	170638	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	770403	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	523522	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1249275	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1277311	20.00	ng	0.00
86) Perylene-d12	25.30	264	1297755	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	852717	85.31	ng	0.00
7) Phenol-d6	7.28	99	1058007	68.94	ng	0.00
23) Nitrobenzene-d5	9.31	82	1359833	86.32	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	935553	172.66	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2773850	99.17	ng	0.00
78) Terphenyl-d14	20.18	244	3318061	84.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.25	163	105763	2.74	ng	# 97

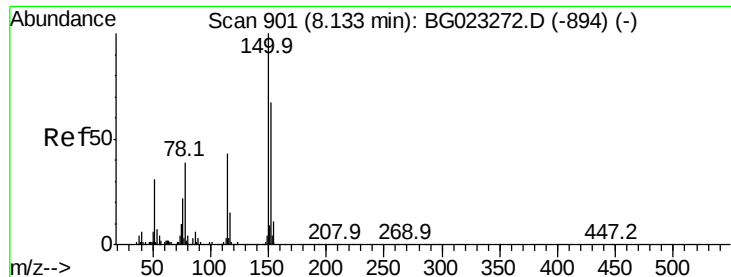
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023314.D

Acq: 28 Jul 2016 19:46

Instrument :

BNA_G

ClientSampleId :

GW-42-6.1-15.0

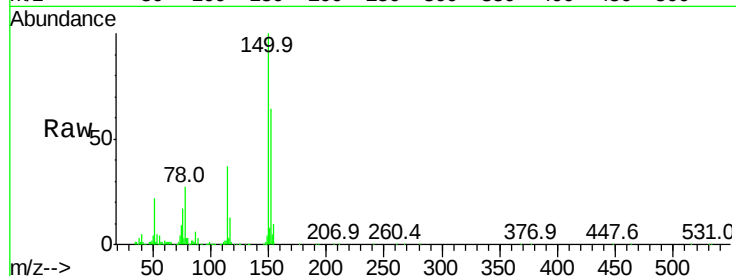
Tot Ion:152 Resp: 170638

Ion Ratio Lower Upper

152 100

150 155.9 144.7 217.1

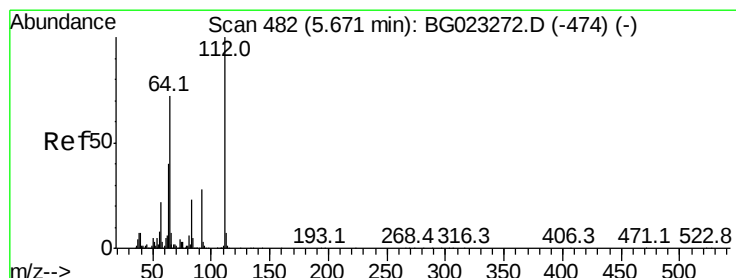
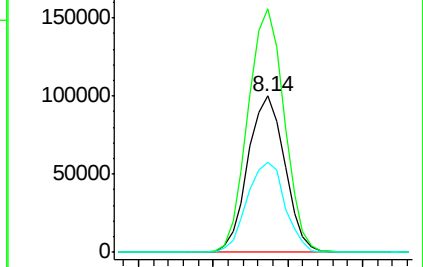
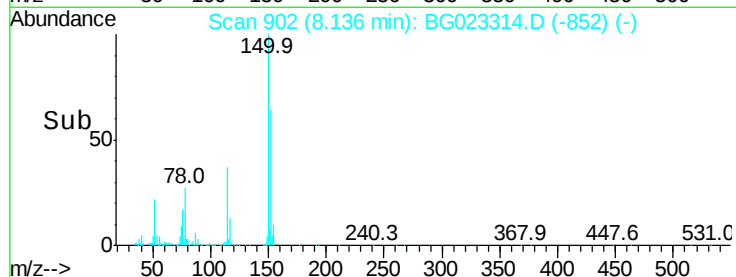
115 58.0 64.0 96.0#



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: 85.31 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023314.D

Acq: 28 Jul 2016 19:46

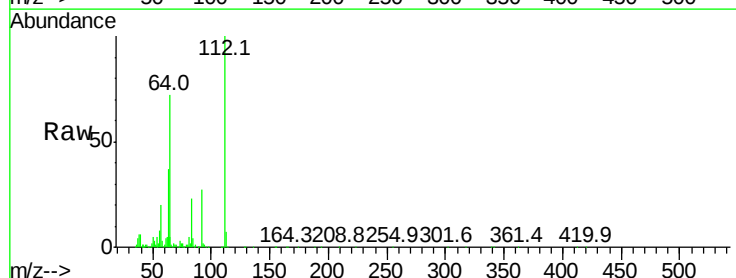
Tgt Ion:112 Resp: 852717

Ion Ratio Lower Upper

112 100

64 71.6 59.0 88.4

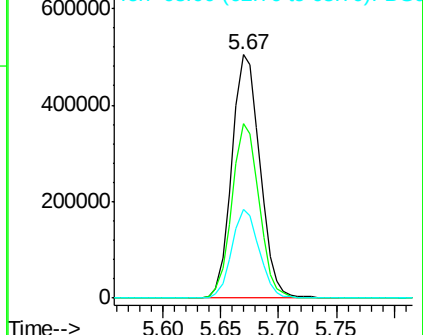
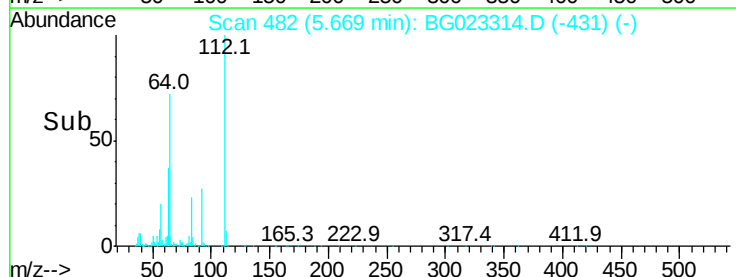
63 36.7 37.8 56.8#

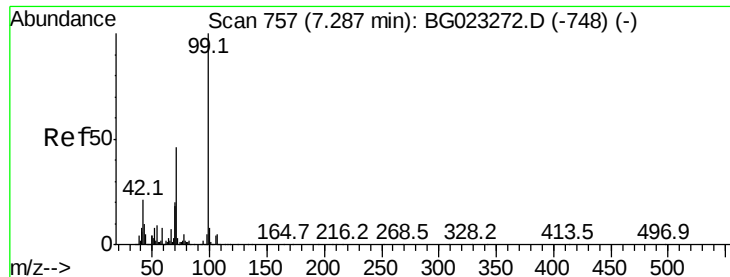


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 68.94 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023314.D

Acq: 28 Jul 2016 19:46

Instrument :

BNA_G

ClientSampleId :

GW-42-6.1-15.0

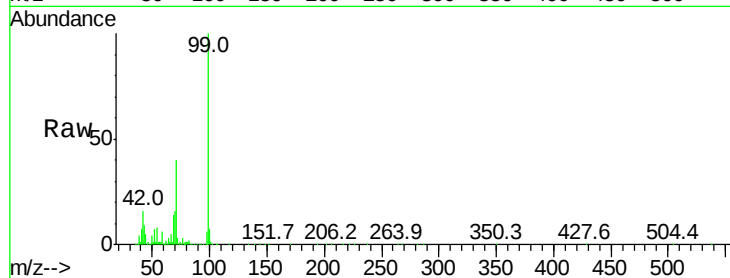
Tot Ion: 99 Resp: 1058007

Ion Ratio Lower Upper

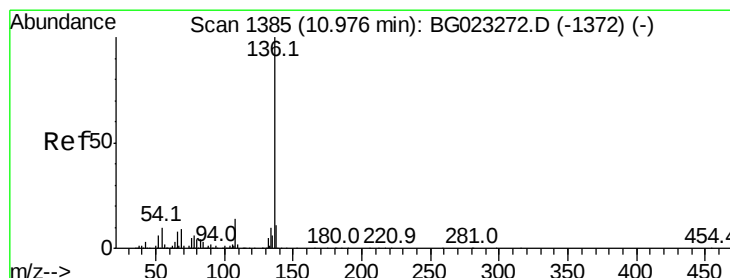
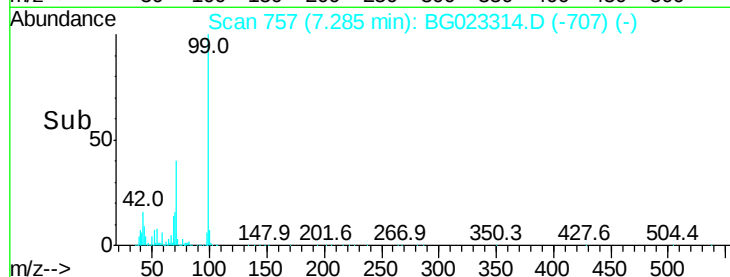
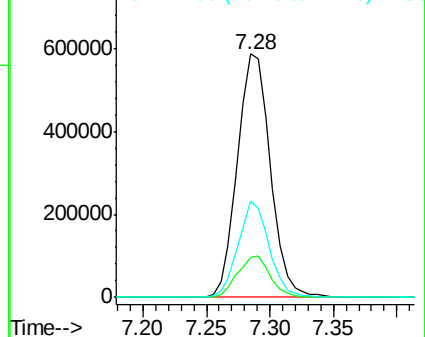
99 100

42 16.4 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# 1385

Delta R.T. -0.00 min

Lab File: BG023314.D

Acq: 28 Jul 2016 19:46

Tgt Ion: 136 Resp: 770403

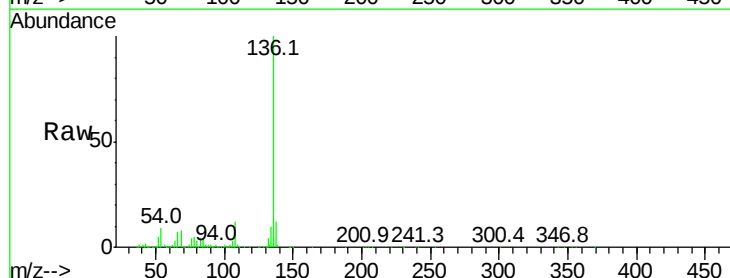
Ion Ratio Lower Upper

136 100

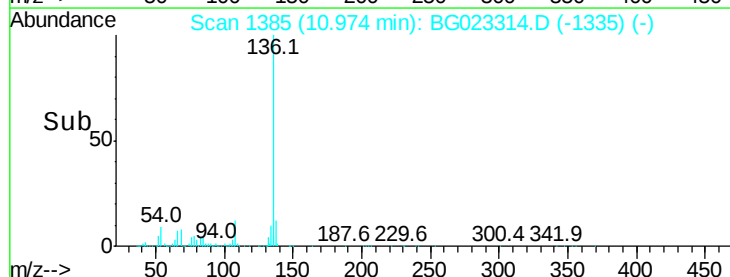
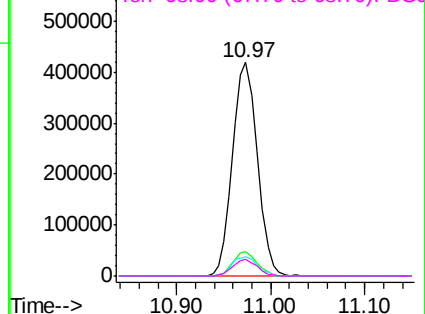
137 11.6 9.6 14.4

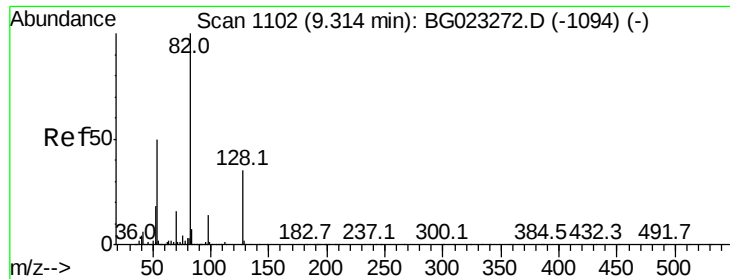
54 9.2 7.3 10.9

68 7.5 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



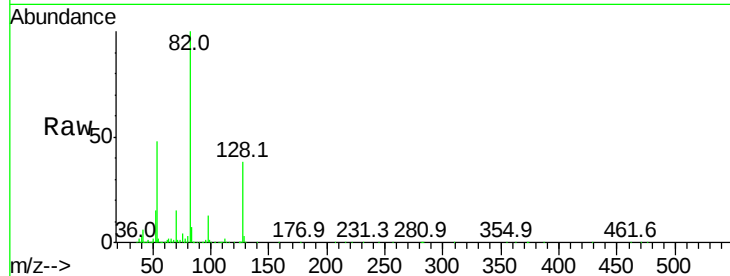


#23
 Nitrobenzene-d5
 Concen: 86.32 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023314.D
 Acq: 28 Jul 2016 19:46

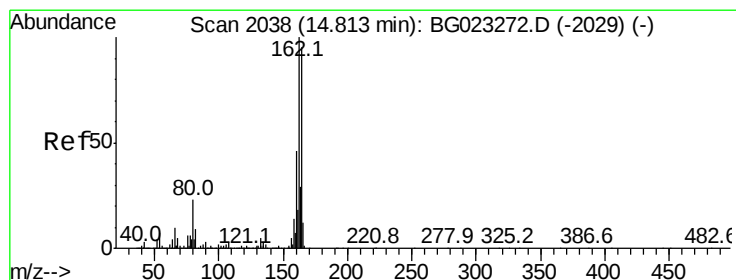
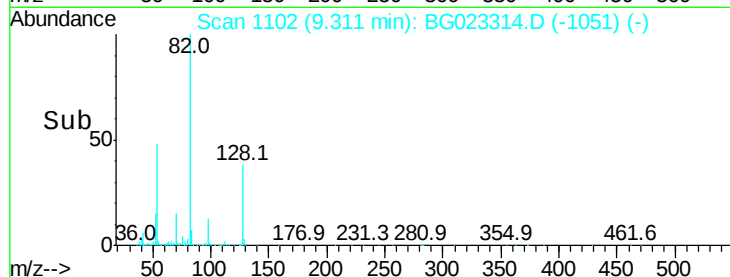
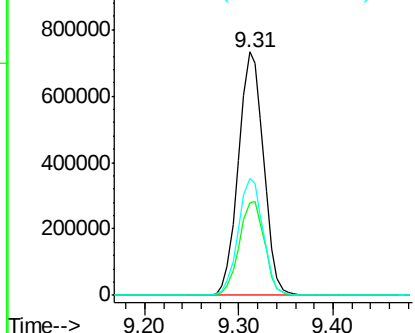
Instrument :
 BNA_G
 ClientSampleId :
 GW-42-6.1-15.0

Tot Ion: 82 Resp: 1359833

Ion	Ratio	Lower	Upper
82	100		
128	38.1	24.4	36.6#
54	48.1	41.4	62.0



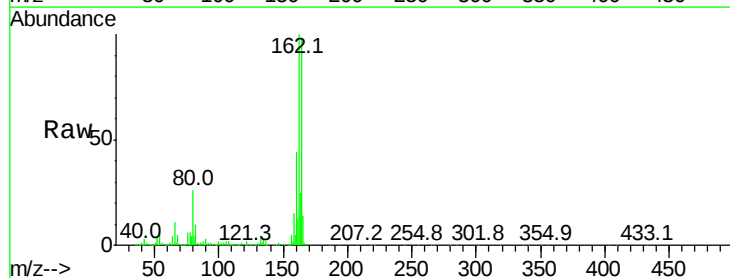
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC



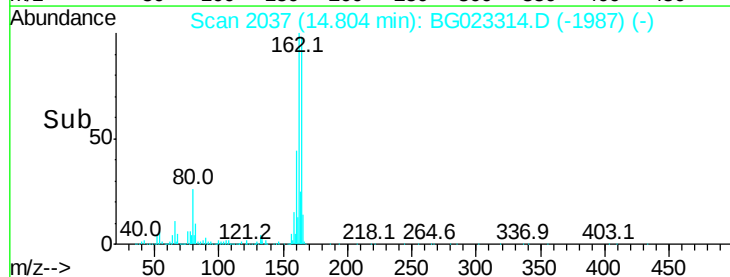
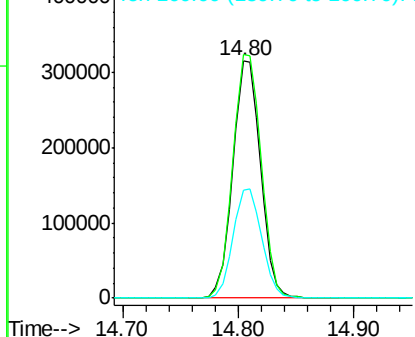
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023314.D
 Acq: 28 Jul 2016 19:46

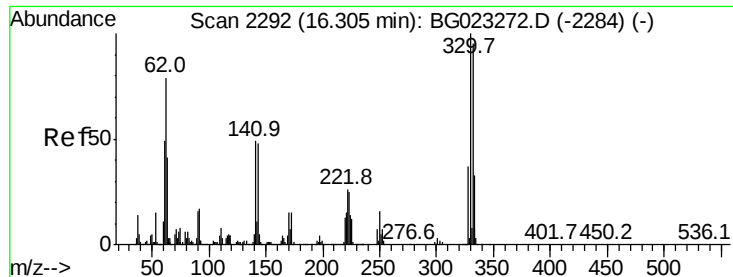
Tgt Ion:164 Resp: 523522

Ion	Ratio	Lower	Upper
164	100		
162	102.6	87.7	131.5
160	45.3	37.2	55.8



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

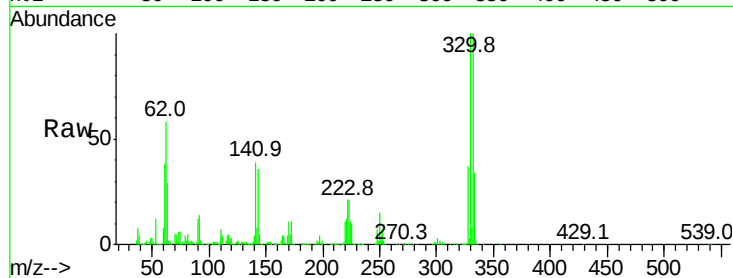




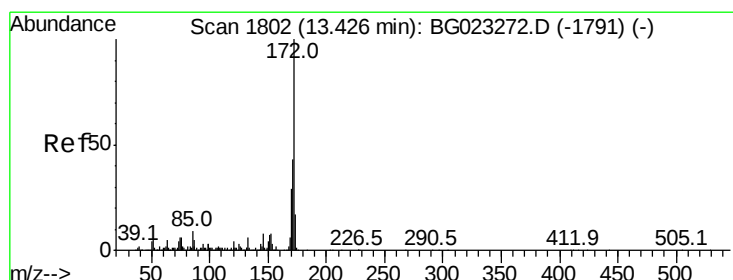
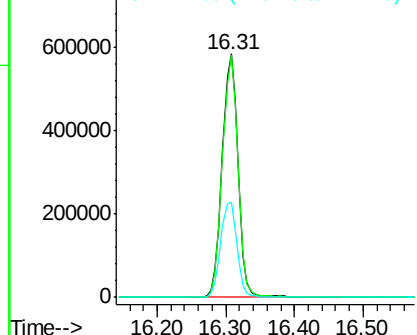
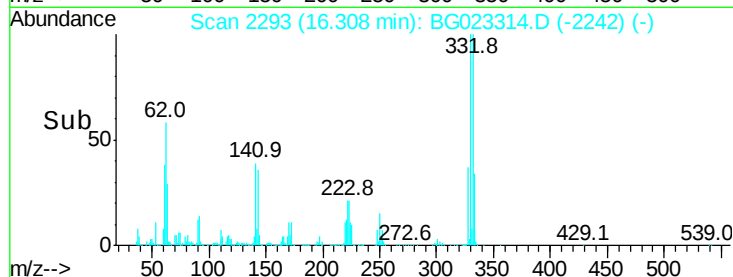
#41
 2,4,6-Tribromophenol
 Concen: 172.66 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BG023314.D
 Acq: 28 Jul 2016 19:46

Instrument :
 BNA_G
 ClientSampleId :
 GW-42-6.1-15.0

Tot Ion:330 Resp: 935553
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 40.0 31.7 47.5

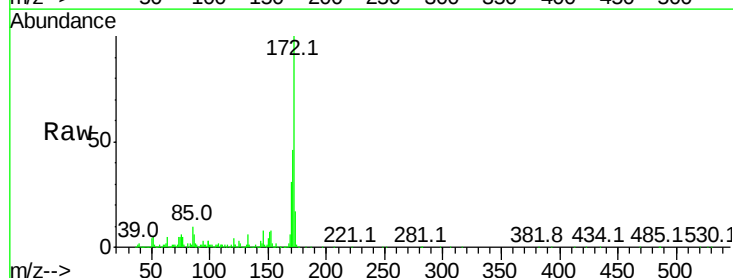


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

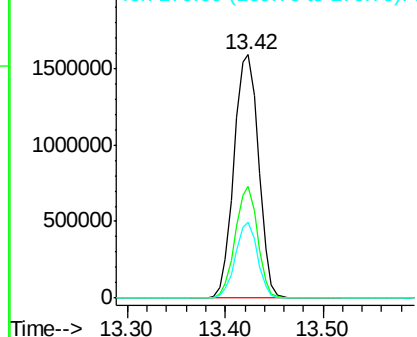
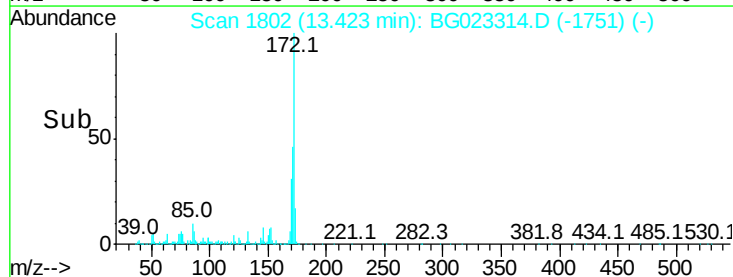


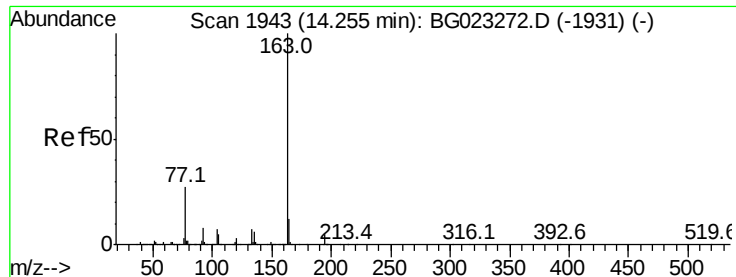
#44
 2-Fluorobiphenyl
 Concen: 99.17 ng
 RT: 13.42 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: BG023314.D
 Acq: 28 Jul 2016 19:46

Tgt Ion:172 Resp: 2773850
 Ion Ratio Lower Upper
 172 100
 171 46.1 31.6 47.4
 170 31.3 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: 2.74 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023314.D

Acq: 28 Jul 2016 19:46

Instrument :

BNA_G

ClientSampleId :

GW-42-6.1-15.0

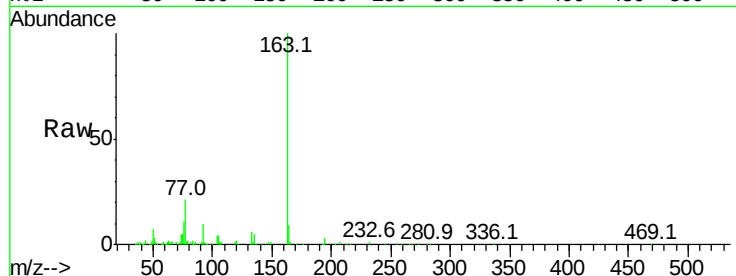
Tot Ion:163 Resp: 105763

Ion Ratio Lower Upper

163 100

194 2.9 3.6 5.4#

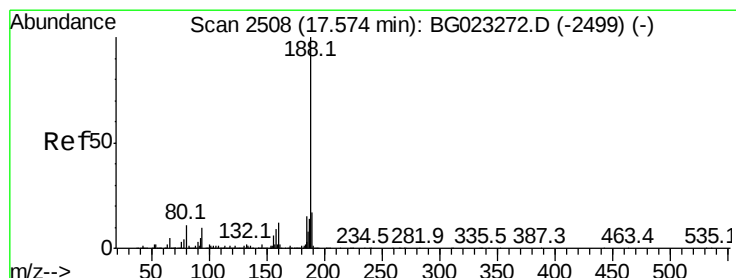
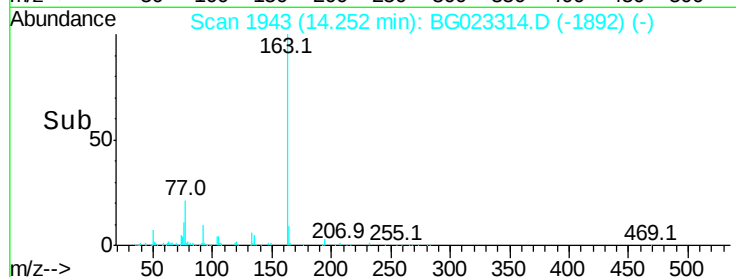
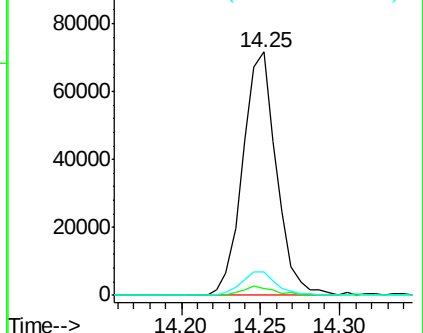
164 9.4 8.1 12.1



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: BG023314.D

Acq: 28 Jul 2016 19:46

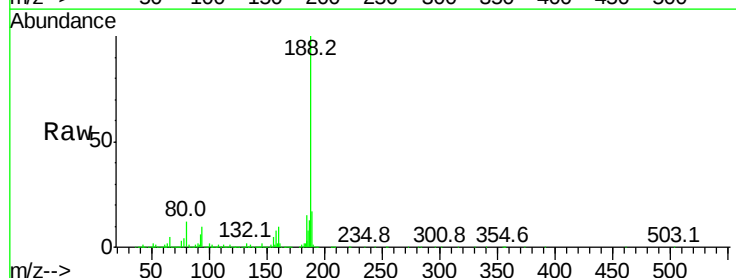
Tgt Ion:188 Resp: 1249275

Ion Ratio Lower Upper

188 100

94 9.7 5.2 7.8#

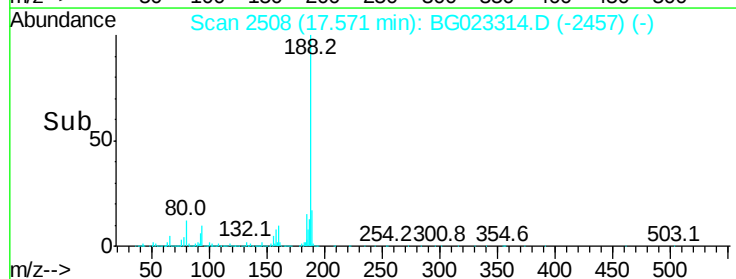
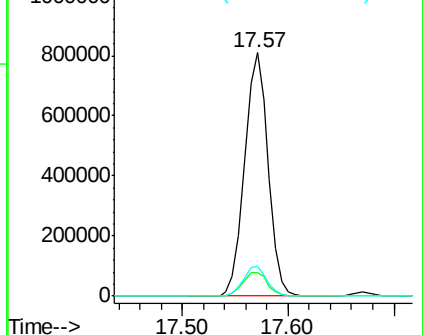
80 12.1 7.2 10.8#

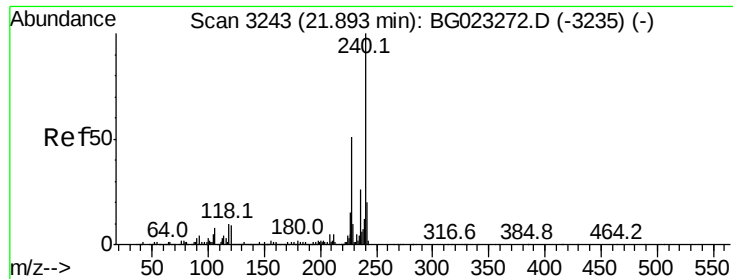


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

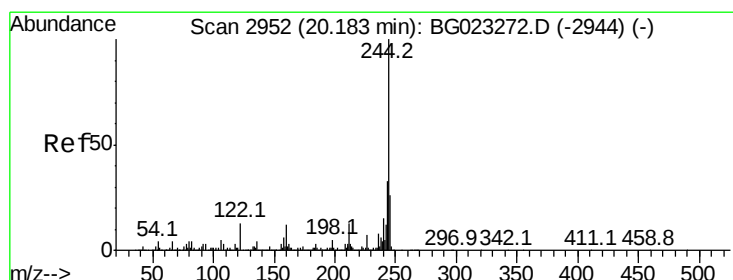
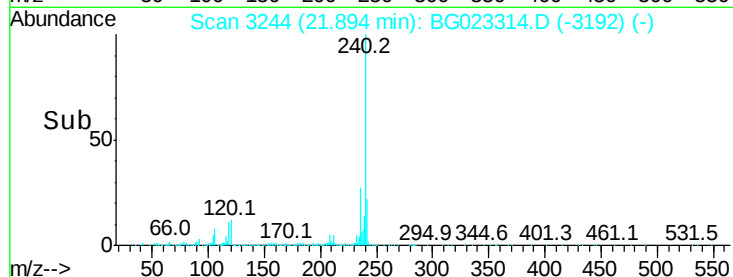
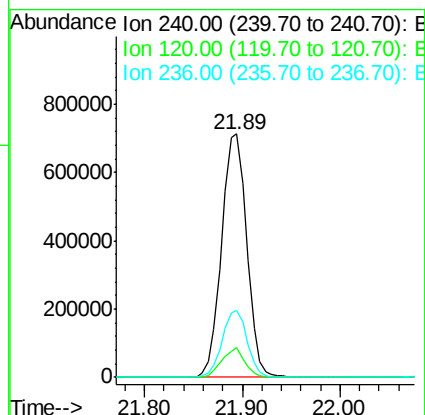
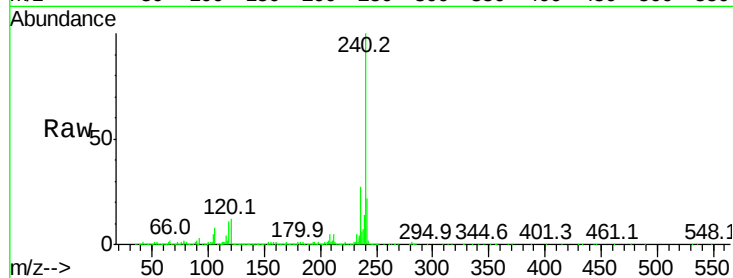




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3244
 Delta R.T. 0.01 min
 Lab File: BG023314.D
 Acq: 28 Jul 2016 19:46

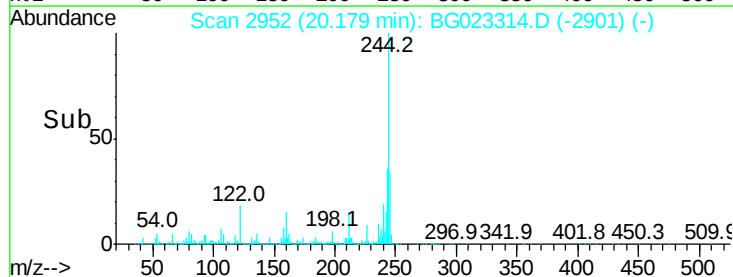
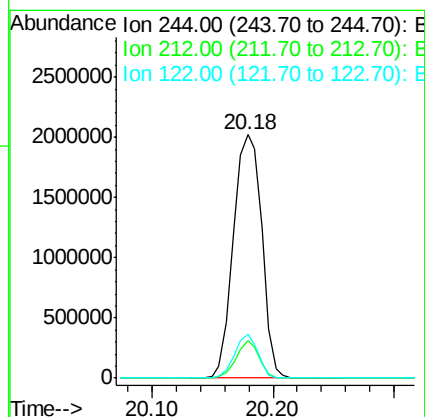
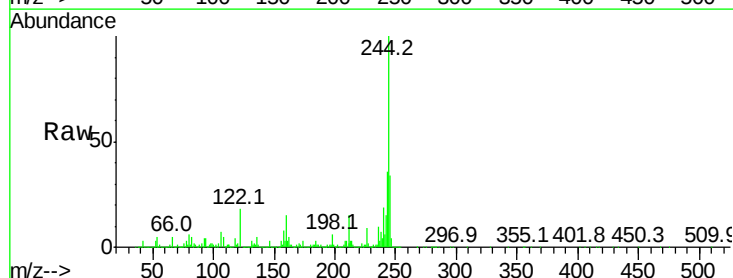
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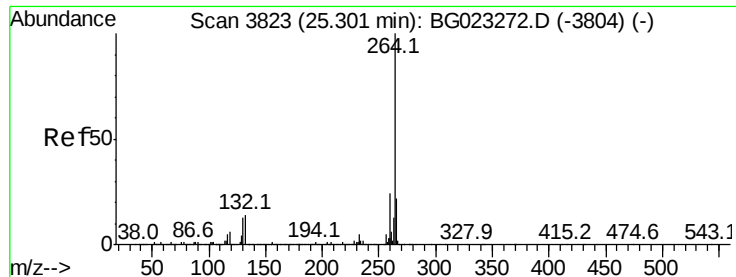
Tot Ion:240 Resp: 1277311
 Ion Ratio Lower Upper
 240 100
 120 12.2 4.1 6.1#
 236 27.5 21.1 31.7



#78
 Terphenyl-d14
 Concen: 84.44 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG023314.D
 Acq: 28 Jul 2016 19:46

Tgt Ion:244 Resp: 3318061
 Ion Ratio Lower Upper
 244 100
 212 15.4 10.8 16.2
 122 18.2 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023314.D
Acq: 28 Jul 2016 19:46

Instrument :
BNA_G
ClientSampleId :
GW-42-6.1-15.0

Tot Ion:264 Resp: 1297755

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	22.3	18.9	28.3

