

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023288.D
 Acq On : 27 Jul 2016 18:22
 Operator : UM/SJ
 Sample : H4152-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-17-6.5-15.0

Quant Time: Jul 28 02:29:30 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

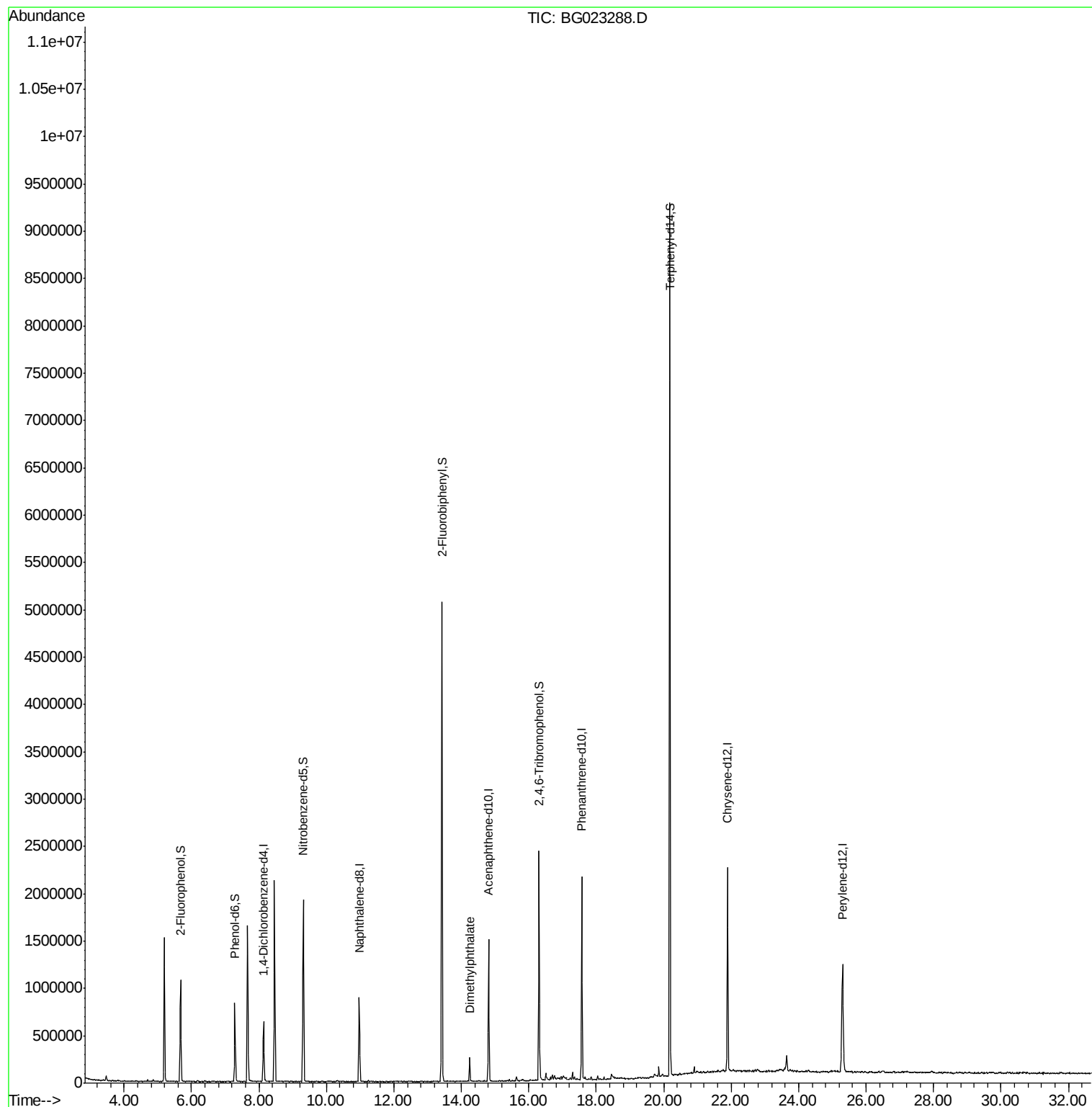
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	173892	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	749892	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	506918	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1245317	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1257488	20.00	ng	0.00
86) Perylene-d12	25.30	264	1256616	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	489053	48.01	ng	0.00
7) Phenol-d6	7.28	99	534980	34.21	ng	0.00
23) Nitrobenzene-d5	9.31	82	1263685	82.41	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	445461	84.90	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2500998	92.34	ng	0.00
78) Terphenyl-d14	20.18	244	3149307	81.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	172386	4.61	ng	Qvalue 98

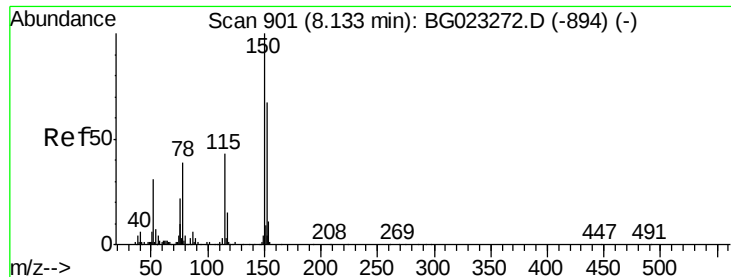
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023288.D

Acq: 27 Jul 2016 18:22

Instrument :

BNA_G

ClientSampleId :

GW-17-6.5-15.0

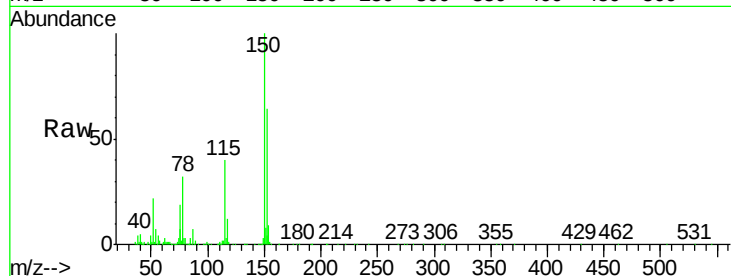
Tot Ion:152 Resp: 173892

Ion Ratio Lower Upper

152 100

150 157.3 144.7 217.1

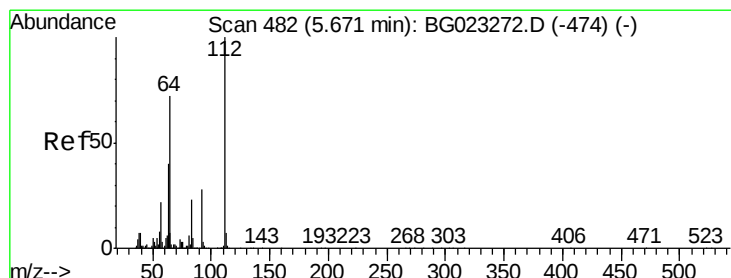
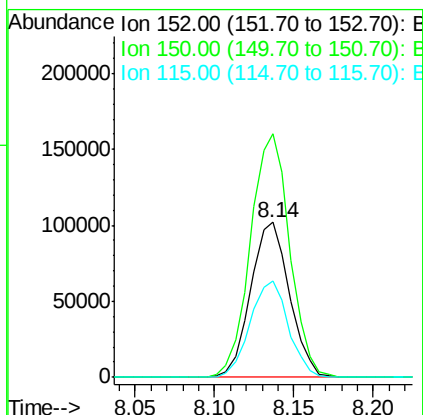
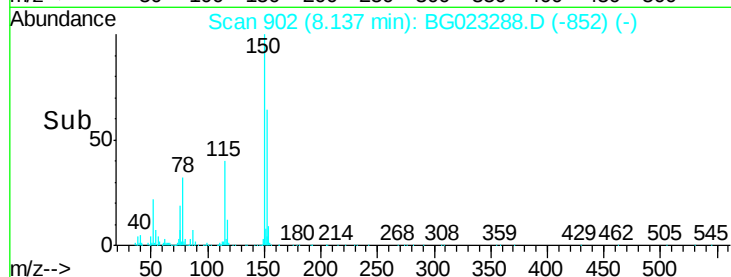
115 62.6 64.0 96.0#



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: 48.01 ng

RT: 5.68 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023288.D

Acq: 27 Jul 2016 18:22

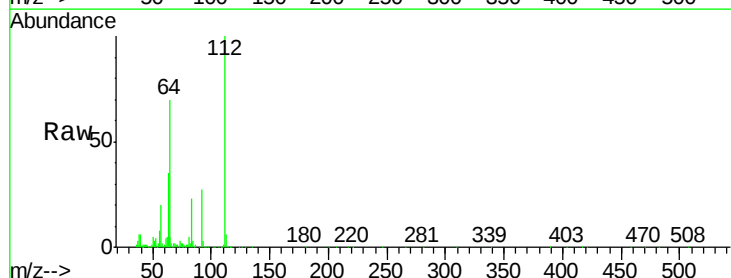
Tgt Ion:112 Resp: 489053

Ion Ratio Lower Upper

112 100

64 70.4 59.0 88.4

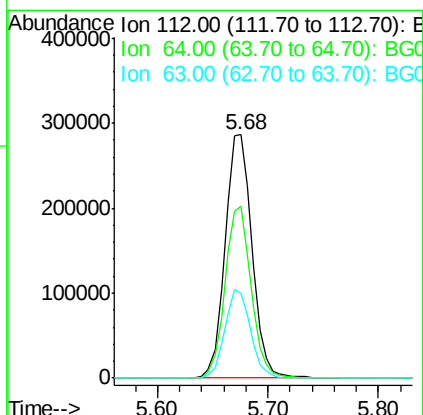
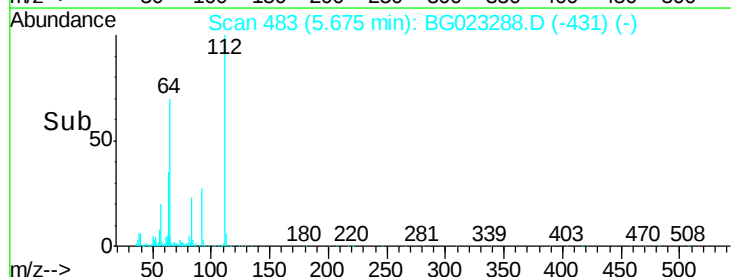
63 35.1 37.8 56.8#

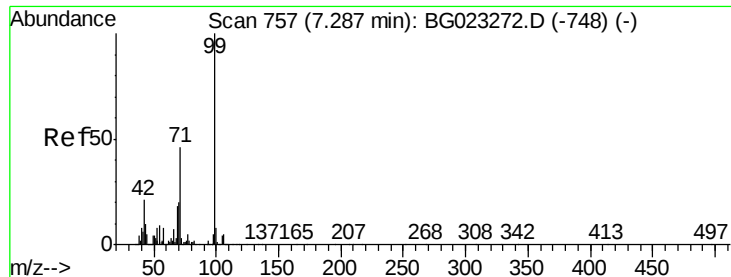


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 34.21 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023288.D

Acq: 27 Jul 2016 18:22

Instrument :

BNA_G

ClientSampleId :

GW-17-6.5-15.0

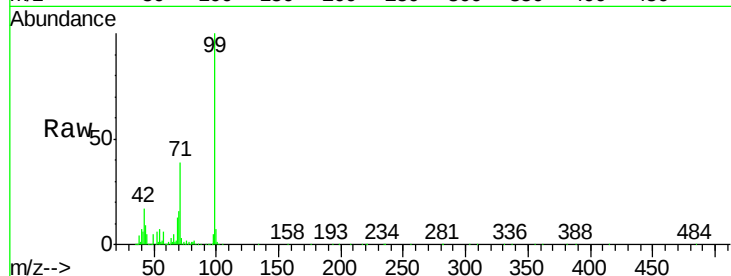
Tot Ion: 99 Resp: 534980

Ion Ratio Lower Upper

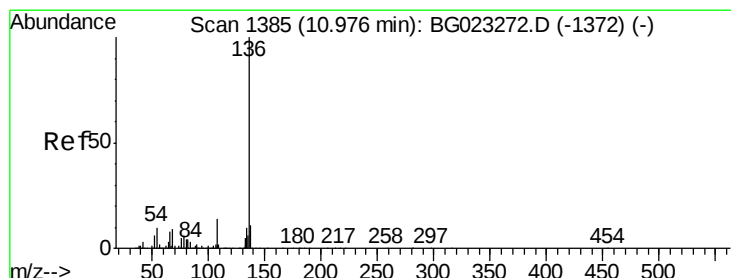
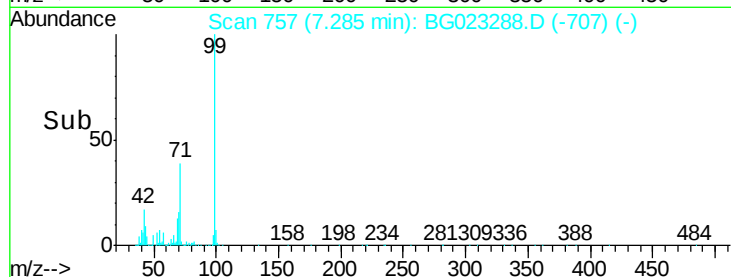
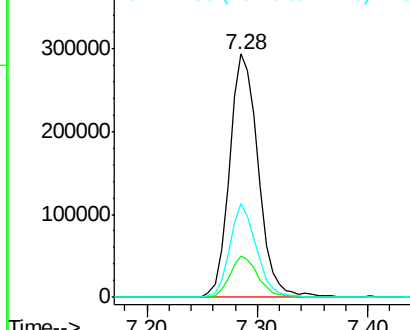
99 100

42 16.9 17.8 26.6#

71 38.5 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: BG023288.D

Acq: 27 Jul 2016 18:22

Tgt Ion: 136 Resp: 749892

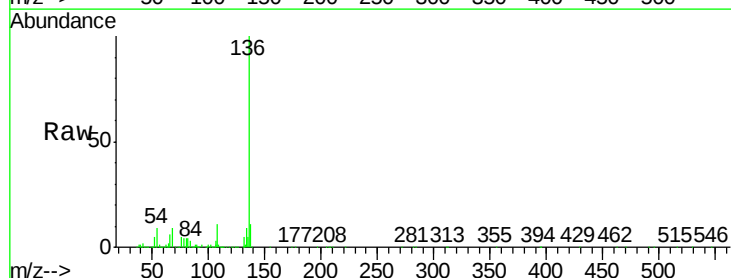
Ion Ratio Lower Upper

136 100

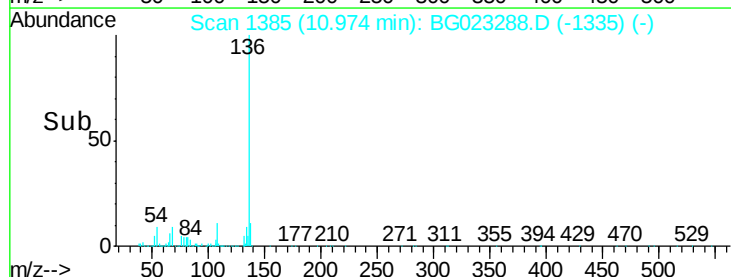
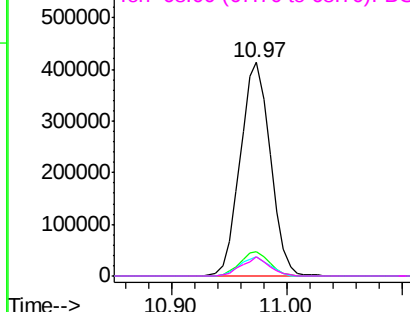
137 11.3 9.6 14.4

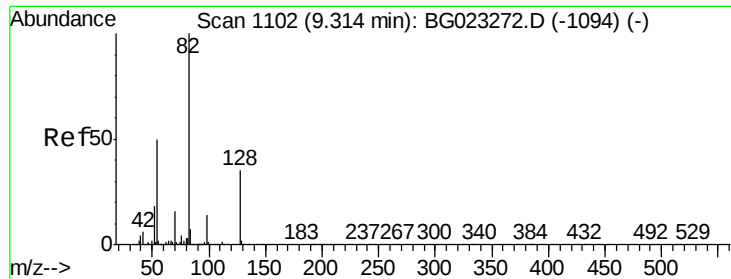
54 9.2 7.3 10.9

68 8.8 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

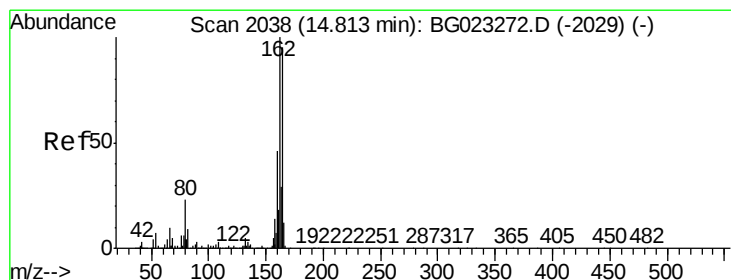
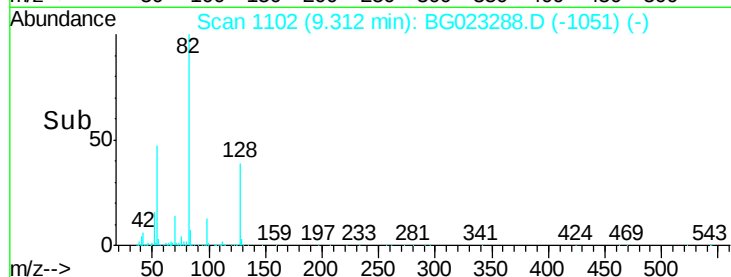
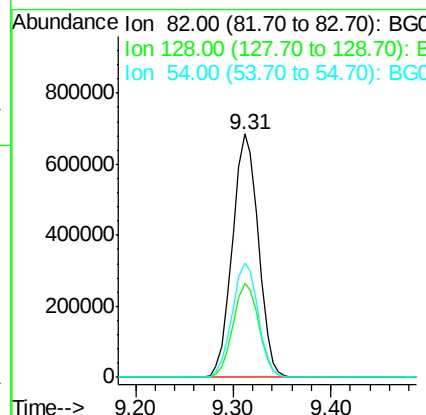
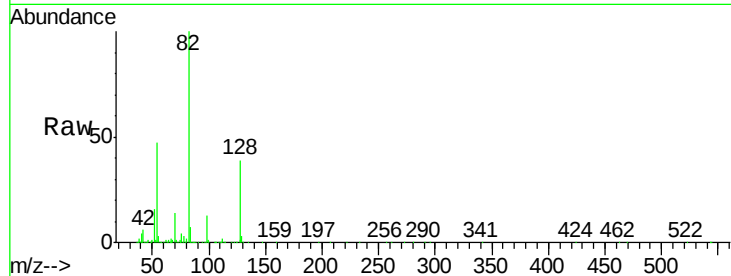




#23
 Nitrobenzene-d5
 Concen: 82.41 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023288.D
 Acq: 27 Jul 2016 18:22

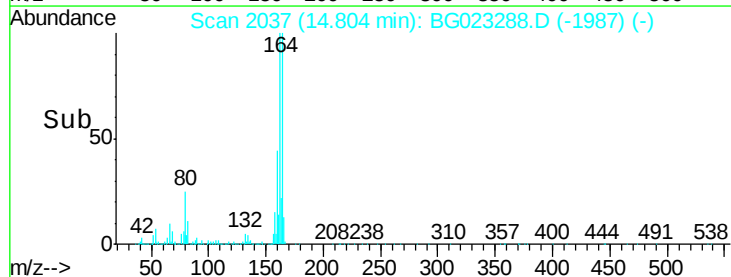
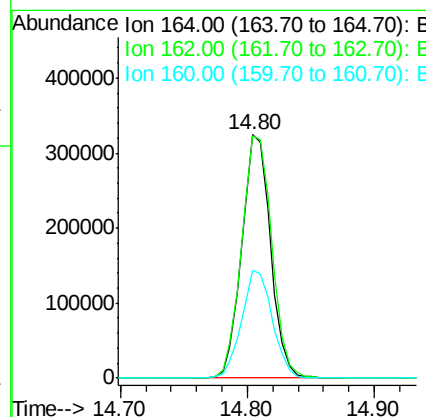
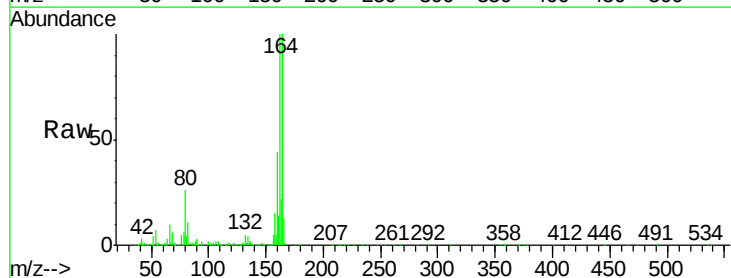
Instrument :
 BNA_G
 ClientSampleId :
 GW-17-6.5-15.0

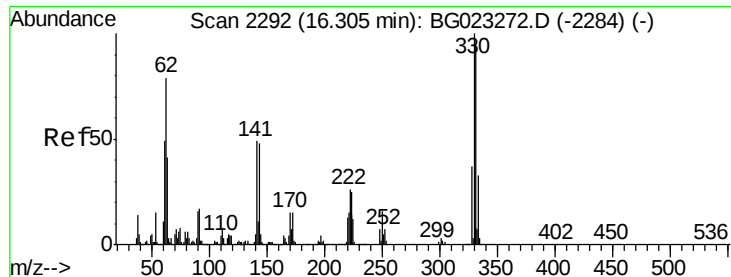
Tot Ion: 82 Resp: 1263685
 Ion Ratio Lower Upper
 82 100
 128 38.7 24.4 36.6#
 54 47.2 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023288.D
 Acq: 27 Jul 2016 18:22

Tgt Ion:164 Resp: 506918
 Ion Ratio Lower Upper
 164 100
 162 99.7 87.7 131.5
 160 44.2 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 84.90 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023288.D

Acq: 27 Jul 2016 18:22

Instrument :

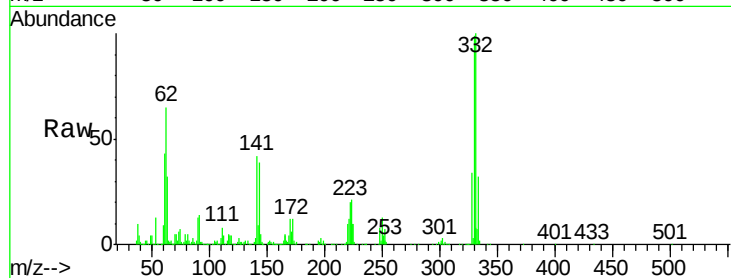
BNA_G

ClientSampleId :

GW-17-6.5-15.0

Tot Ion:330 Resp: 445461

Ion	Ratio	Lower	Upper
330	100		
332	98.5	77.4	116.2
141	40.8	31.7	47.5

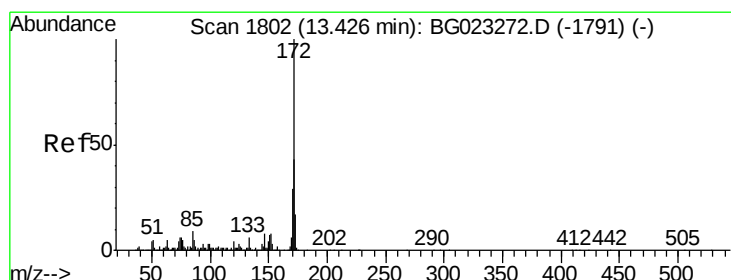
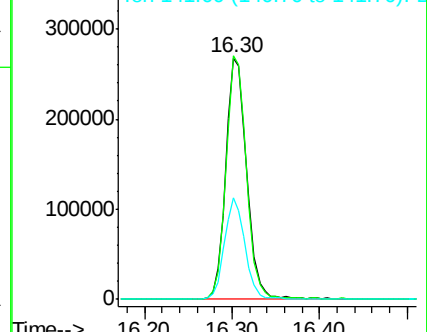
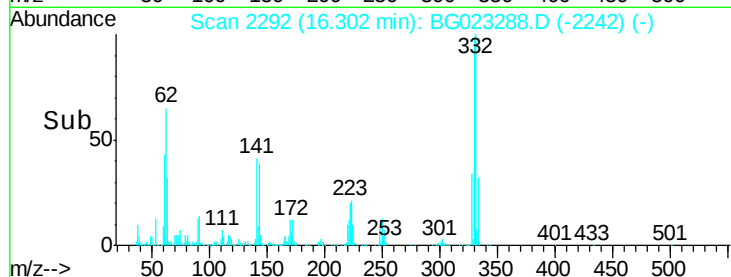


Abundance

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: 92.34 ng

RT: 13.42 min Scan# 1802

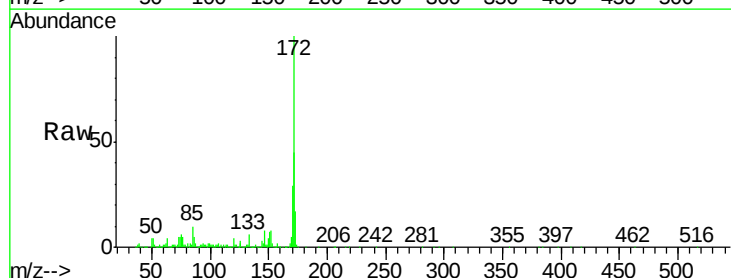
Delta R.T. 0.00 min

Lab File: BG023288.D

Acq: 27 Jul 2016 18:22

Tgt Ion:172 Resp: 2500998

Ion	Ratio	Lower	Upper
172	100		
171	44.5	31.6	47.4
170	29.2	21.3	31.9

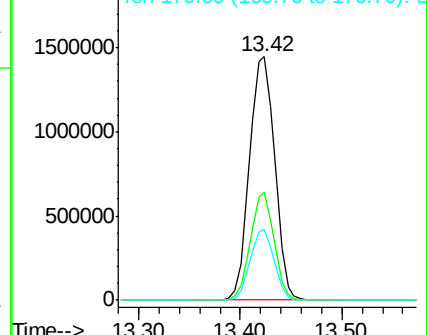
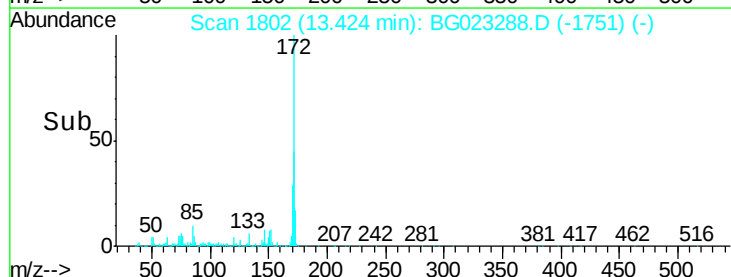


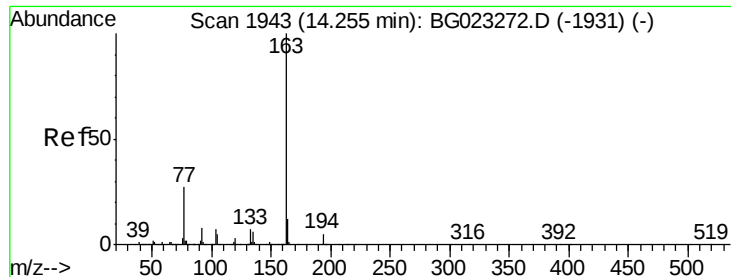
Abundance

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: 4.61 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023288.D

Acq: 27 Jul 2016 18:22

Instrument :

BNA_G

ClientSampleId :

GW-17-6.5-15.0

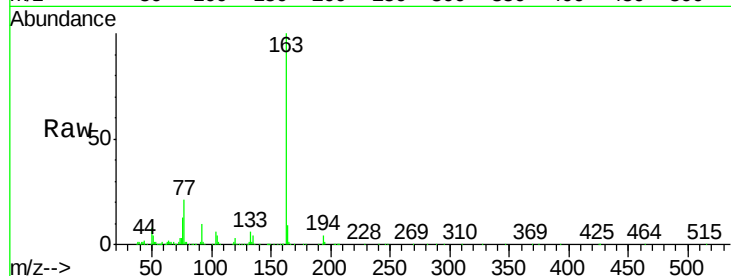
Tot Ion:163 Resp: 172386

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

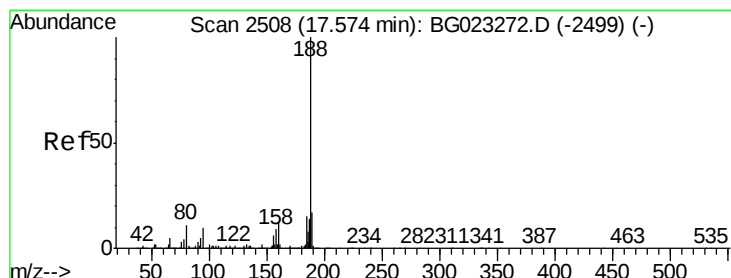
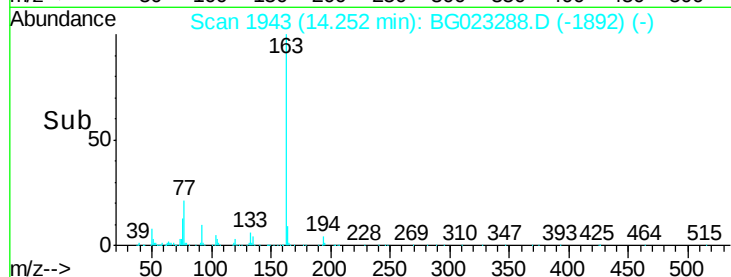
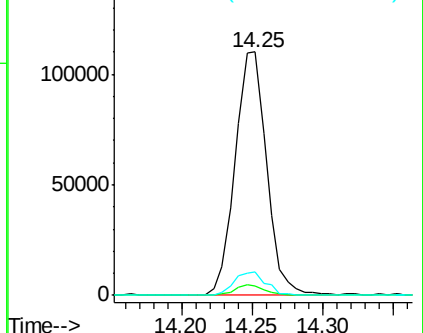
164 9.5 8.1 12.1



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: BG023288.D

Acq: 27 Jul 2016 18:22

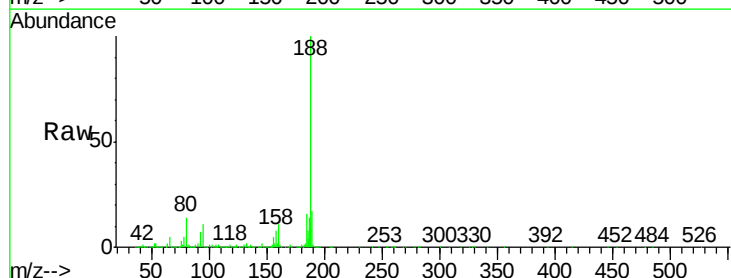
Tgt Ion:188 Resp: 1245317

Ion Ratio Lower Upper

188 100

94 10.5 5.2 7.8#

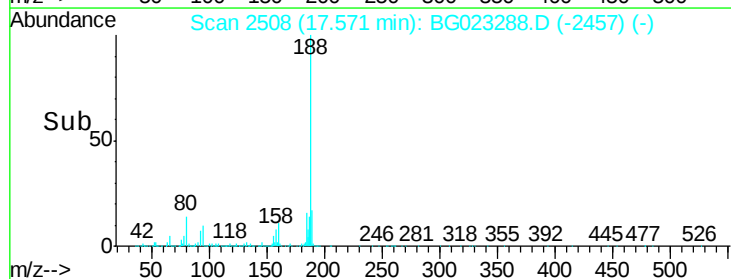
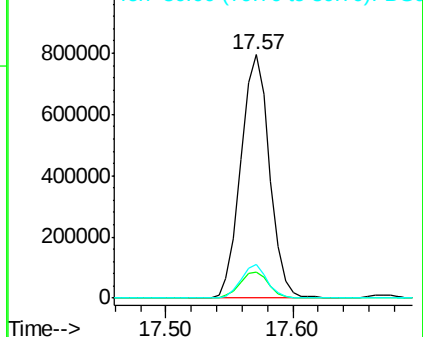
80 14.1 7.2 10.8#

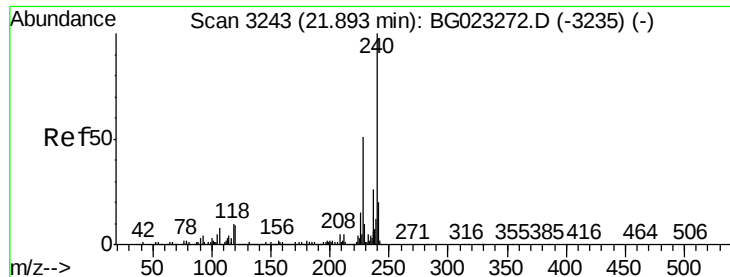


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

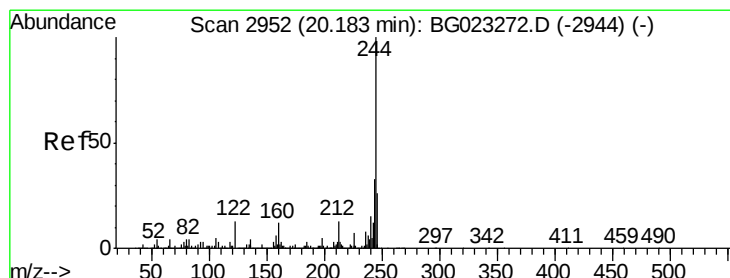
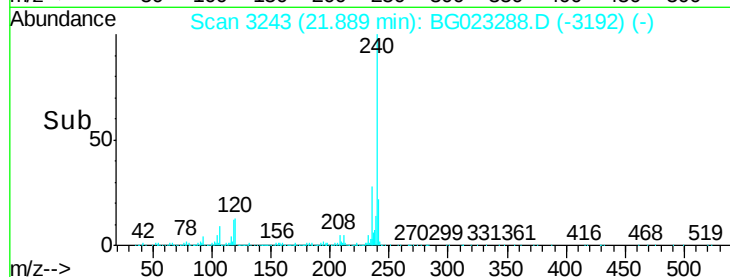
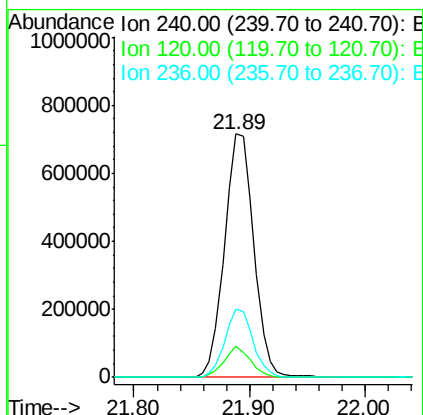
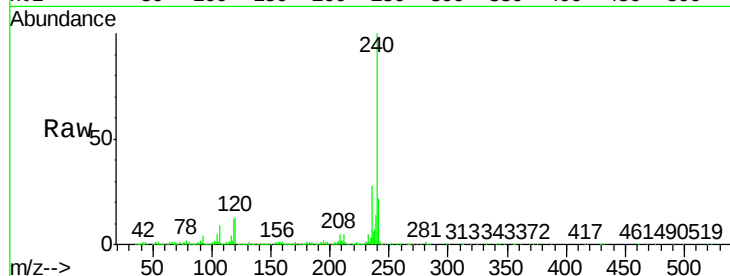




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3243
 Delta R.T. -0.00 min
 Lab File: BG023288.D
 Acq: 27 Jul 2016 18:22

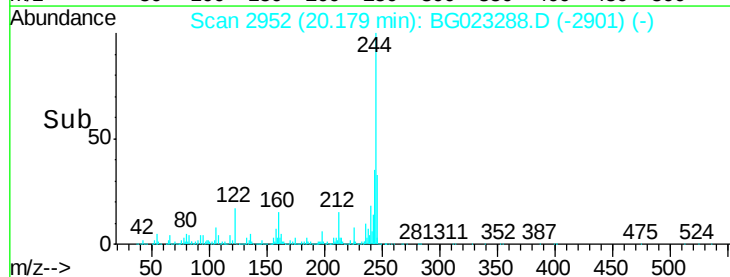
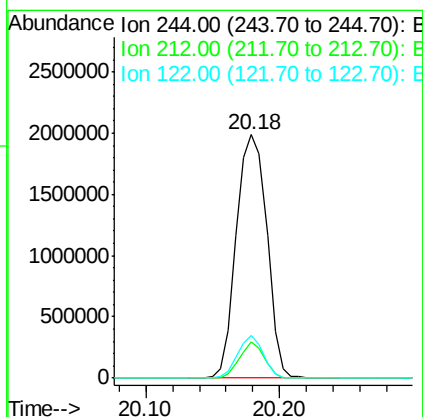
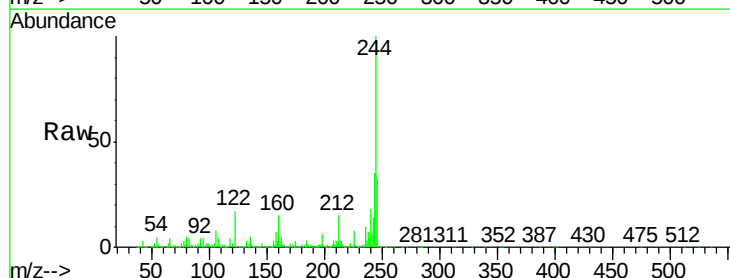
Instrument :
 BNA_G
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 GW-17-6.5-15.0

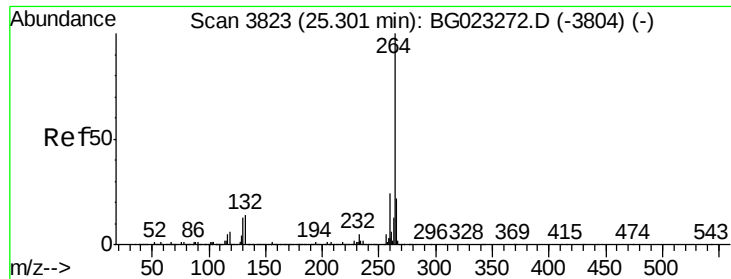
Tot Ion:240 Resp: 1257488
 Ion Ratio Lower Upper
 240 100
 120 12.6 4.1 6.1#
 236 28.1 21.1 31.7



#78
 Terphenyl-d14
 Concen: 81.41 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG023288.D
 Acq: 27 Jul 2016 18:22

Tgt Ion:244 Resp: 3149307
 Ion Ratio Lower Upper
 244 100
 212 15.0 10.8 16.2
 122 17.4 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: BG023288.D
Acq: 27 Jul 2016 18:22

Instrument :
BNA_G
ClientSampleId :
GW-17-6.5-15.0

Tot Ion:264 Resp: 1256616

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.4	27.6
265	21.9	18.9	28.3

