

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023289.D
 Acq On : 27 Jul 2016 19:01
 Operator : UM/SJ
 Sample : H4152-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-18-6.0-15.0

Quant Time: Jul 28 02:30:52 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

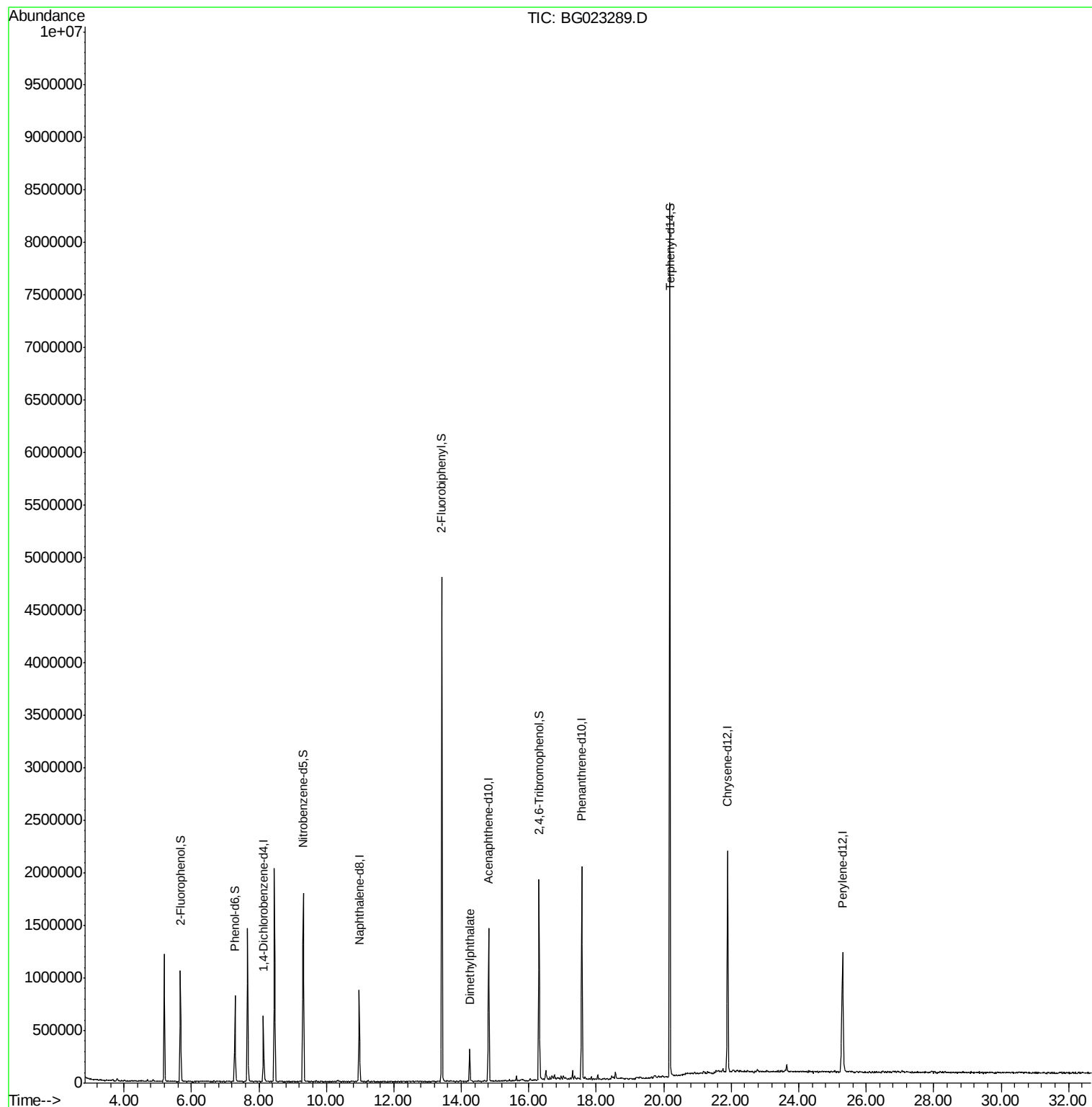
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	173528	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	727678	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	484051	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1173319	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1243791	20.00	ng	0.00
86) Perylene-d12	25.30	264	1209148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	463423	45.59	ng	0.00
7) Phenol-d6	7.29	99	531720	34.07	ng	0.00
23) Nitrobenzene-d5	9.31	82	1182770	79.49	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	333411	66.55	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2347679	90.77	ng	0.00
78) Terphenyl-d14	20.18	244	3065187	80.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.25	163	207096	5.80	ng	97

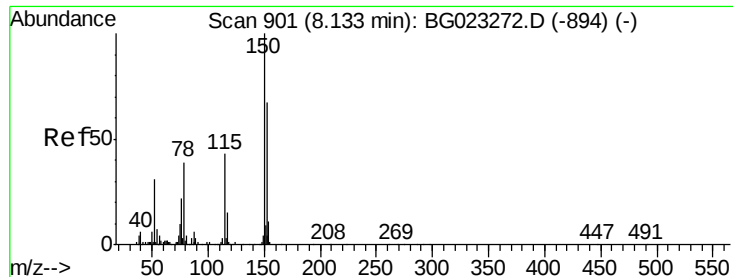
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

Instrument :

BNA_G

ClientSampleId :

GW-18-6.0-15.0

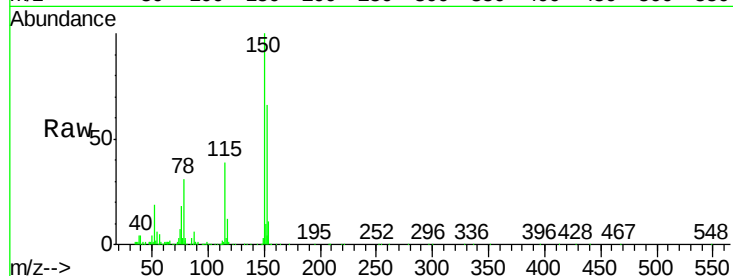
Tot Ion:152 Resp: 173528

Ion Ratio Lower Upper

152 100

150 150.7 144.7 217.1

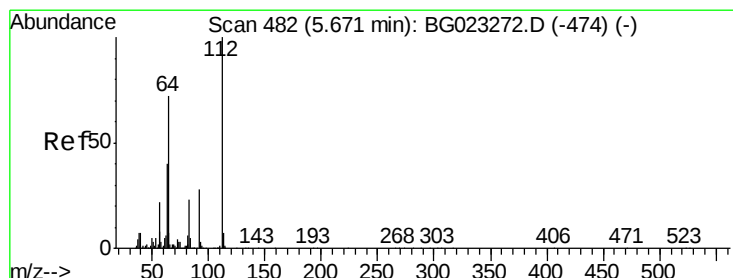
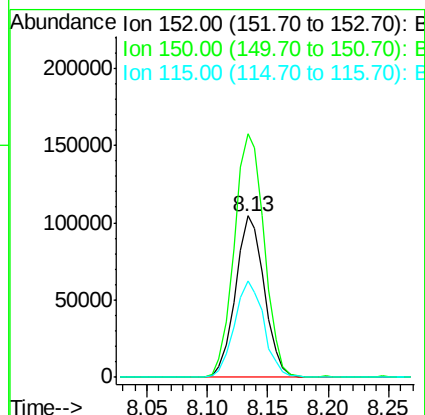
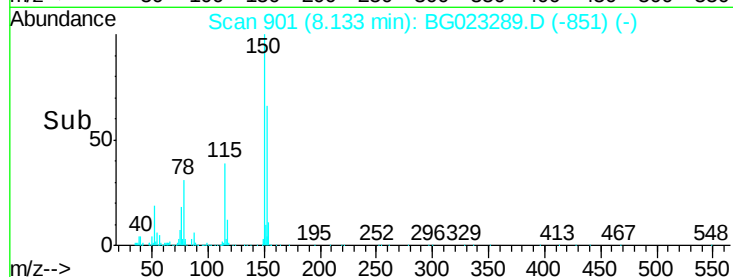
115 59.4 64.0 96.0#



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: 45.59 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

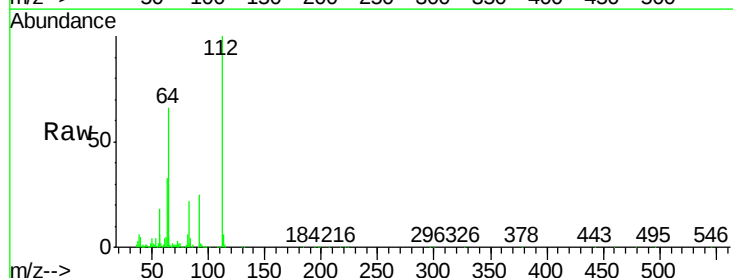
Tgt Ion:112 Resp: 463423

Ion Ratio Lower Upper

112 100

64 65.9 59.0 88.4

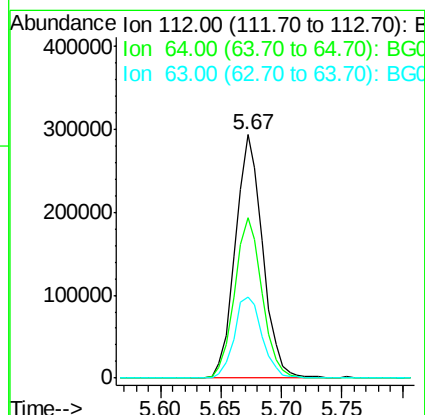
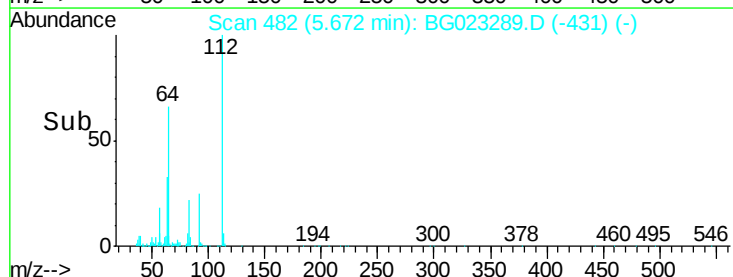
63 33.3 37.8 56.8#

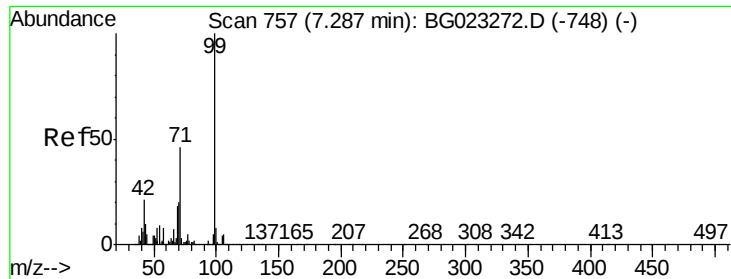


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 34.07 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

Instrument :

BNA_G

ClientSampleId :

GW-18-6.0-15.0

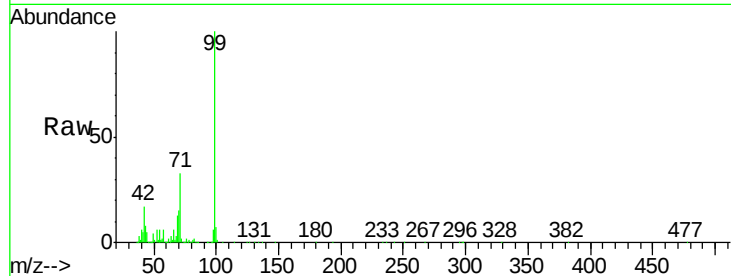
Tot Ion: 99 Resp: 531720

Ion Ratio Lower Upper

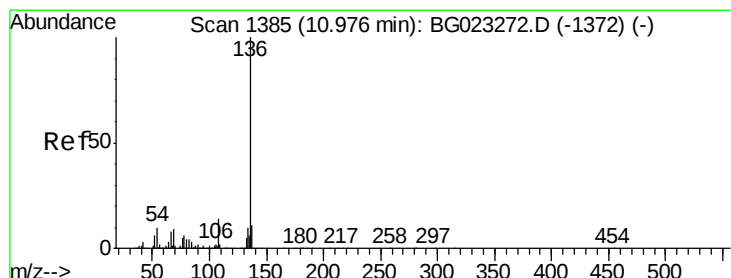
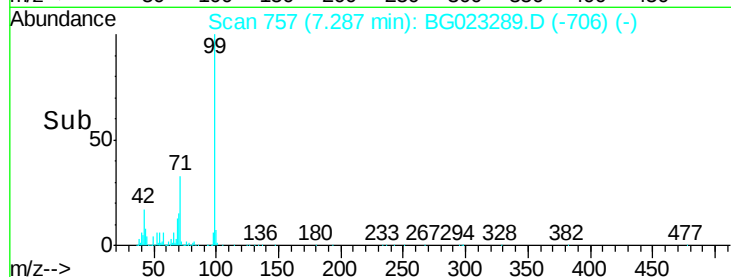
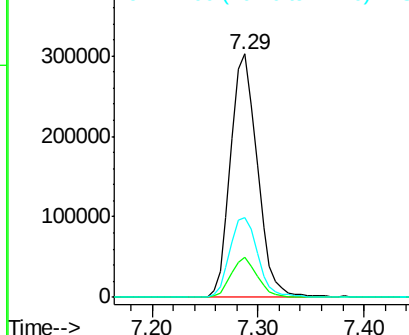
99 100

42 16.7 17.8 26.6#

71 33.0 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# 1384

Delta R.T. -0.01 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

Tgt Ion: 136 Resp: 727678

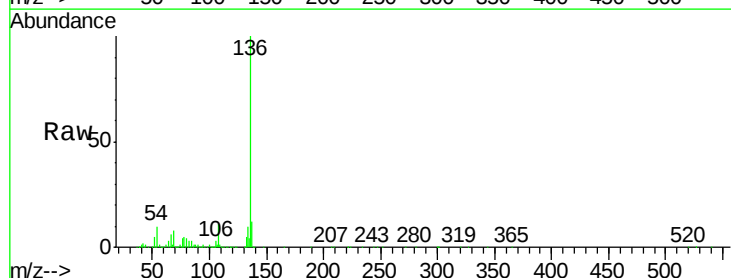
Ion Ratio Lower Upper

136 100

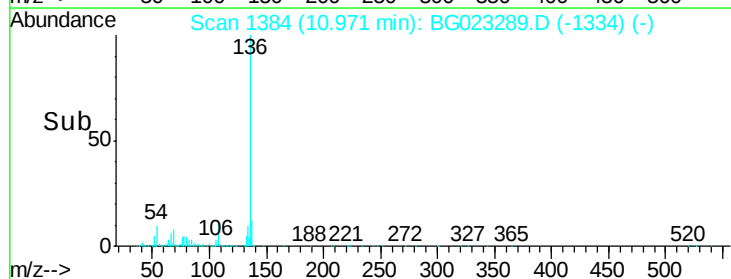
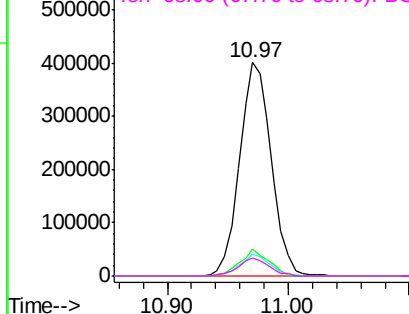
137 12.4 9.6 14.4

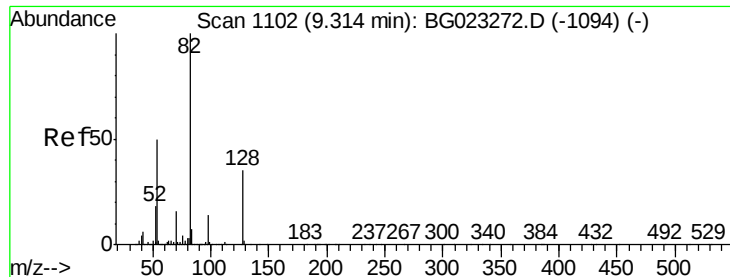
54 10.4 7.3 10.9

68 8.1 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

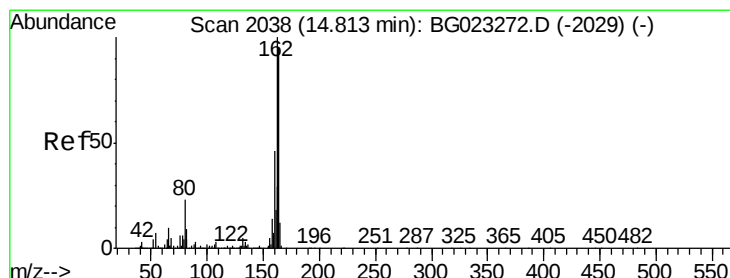
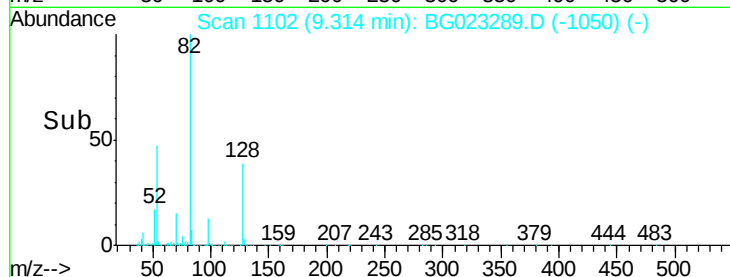
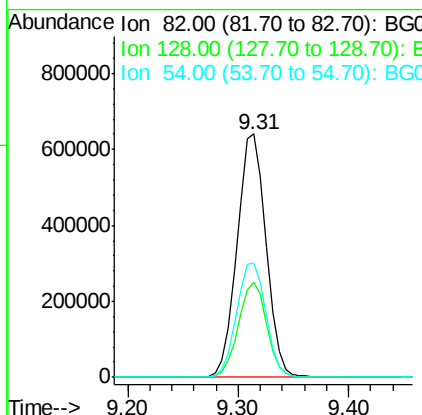
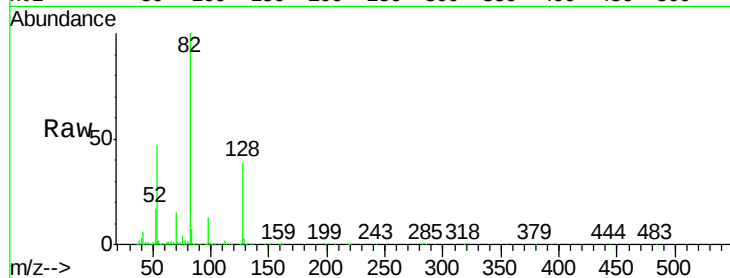




#23
 Nitrobenzene-d5
 Concen: 79.49 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023289.D
 Acq: 27 Jul 2016 19:01

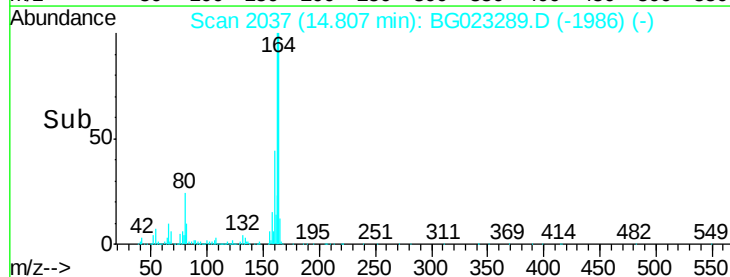
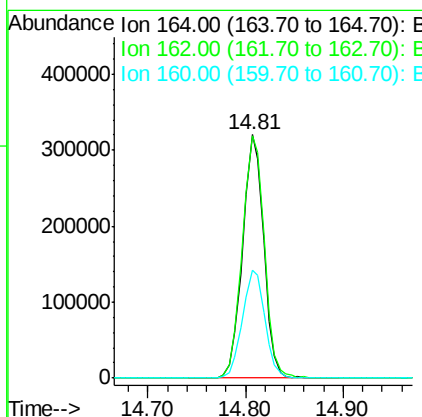
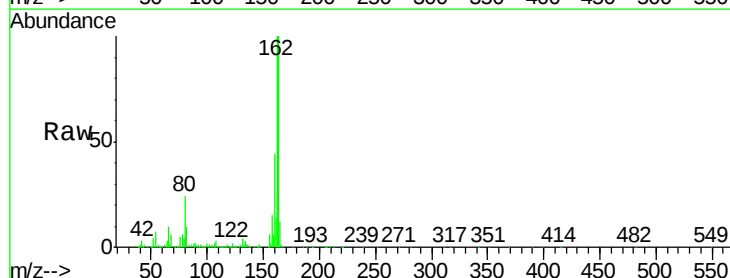
Instrument :
 BNA_G
 ClientSampleId :
 GW-18-6.0-15.0

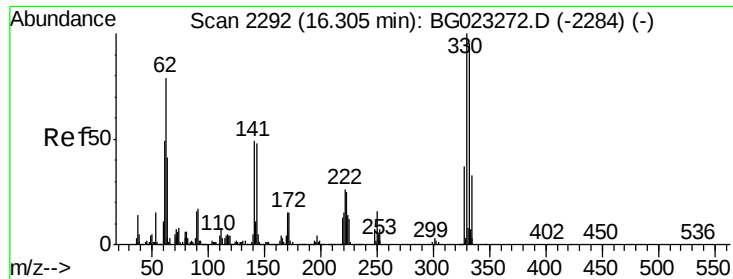
Tot Ion: 82 Resp: 1182770
 Ion Ratio Lower Upper
 82 100
 128 39.3 24.4 36.6#
 54 46.7 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023289.D
 Acq: 27 Jul 2016 19:01

Tgt Ion:164 Resp: 484051
 Ion Ratio Lower Upper
 164 100
 162 99.7 87.7 131.5
 160 44.3 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 66.55 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

Instrument :

BNA_G

ClientSampleId :

GW-18-6.0-15.0

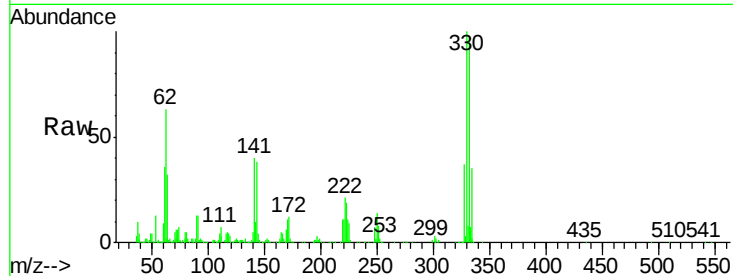
Tot Ion:330 Resp: 333411

Ion Ratio Lower Upper

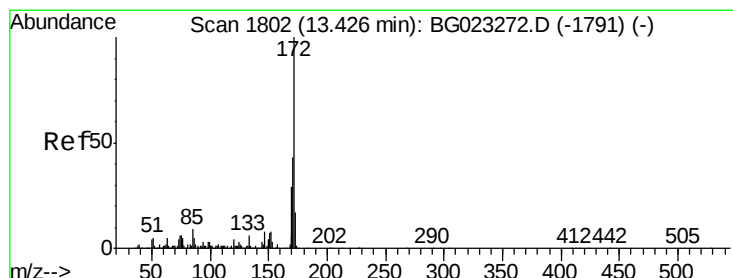
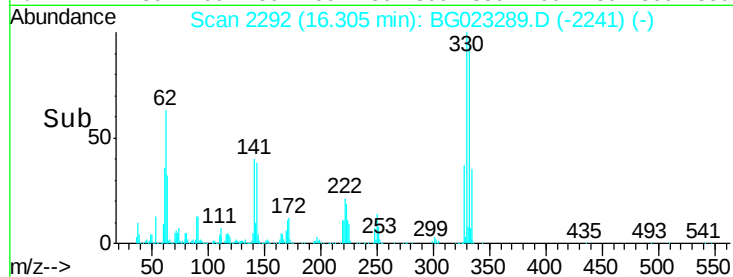
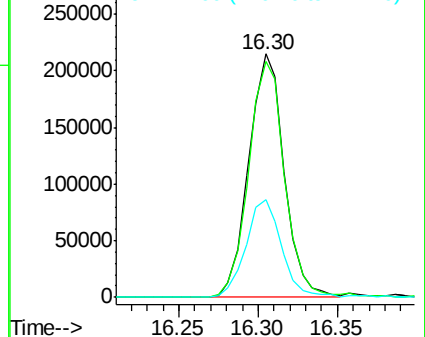
330 100

332 99.2 77.4 116.2

141 41.2 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: 90.77 ng

RT: 13.42 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

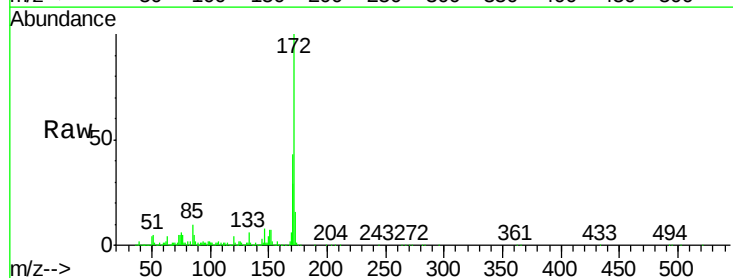
Tgt Ion:172 Resp: 2347679

Ion Ratio Lower Upper

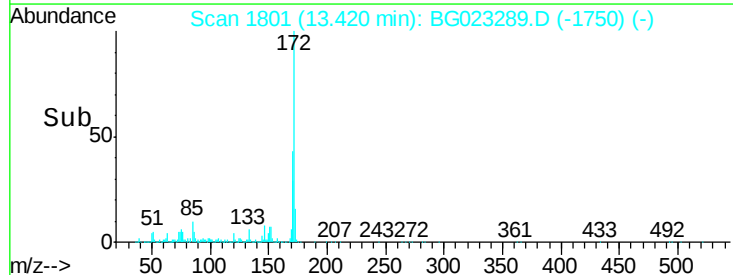
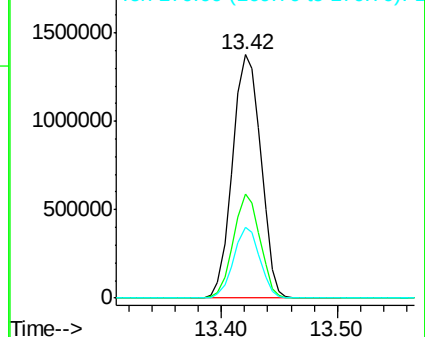
172 100

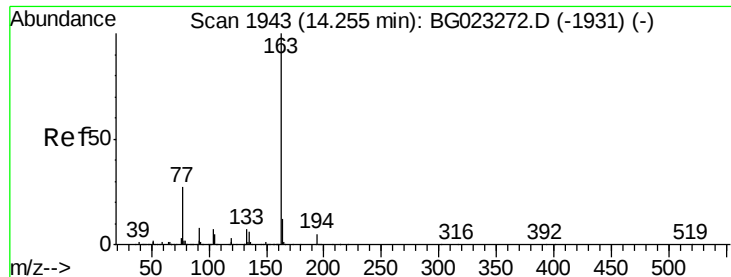
171 42.7 31.6 47.4

170 28.9 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: 5.80 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

Instrument :

BNA_G

ClientSampleId :

GW-18-6.0-15.0

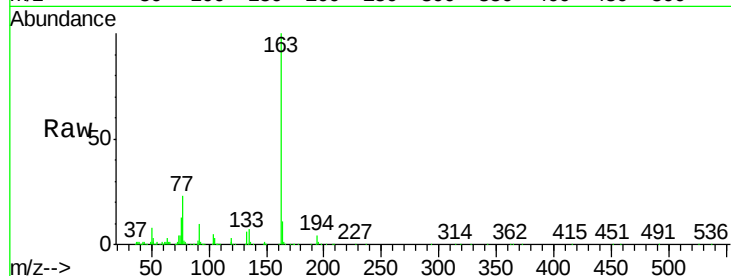
Tot Ion:163 Resp: 207096

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

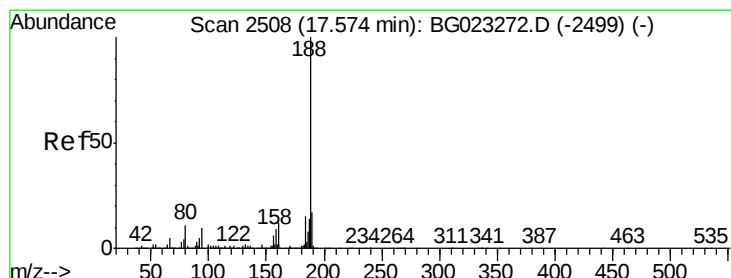
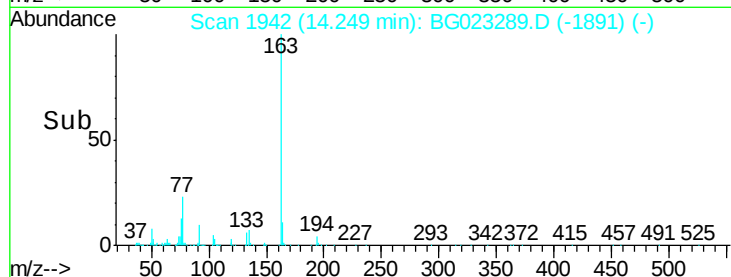
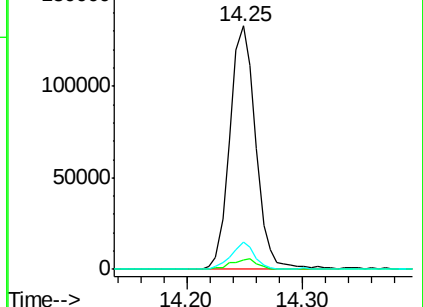
164 11.4 8.1 12.1



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# 2507

Delta R.T. -0.00 min

Lab File: BG023289.D

Acq: 27 Jul 2016 19:01

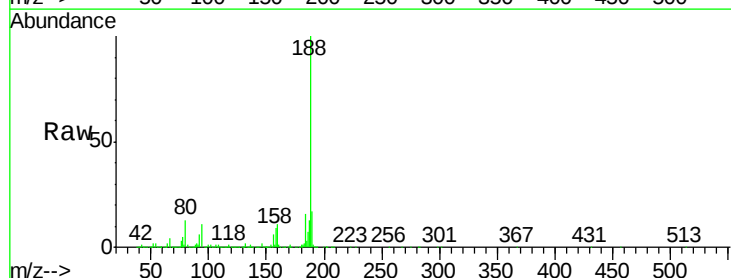
Tgt Ion:188 Resp: 1173319

Ion Ratio Lower Upper

188 100

94 11.0 5.2 7.8#

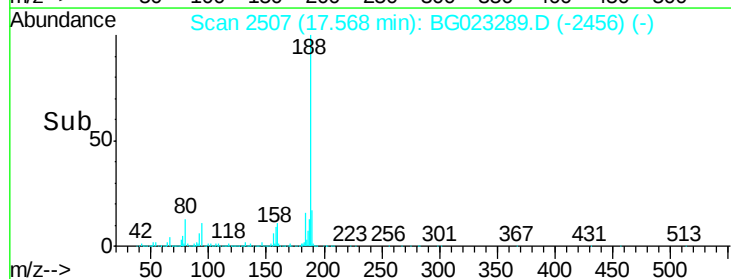
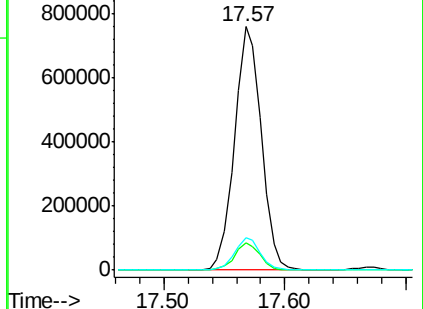
80 13.1 7.2 10.8#

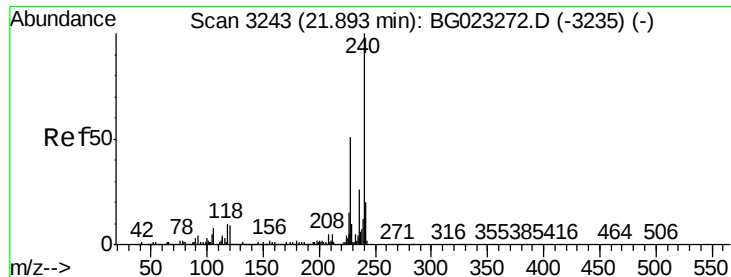


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

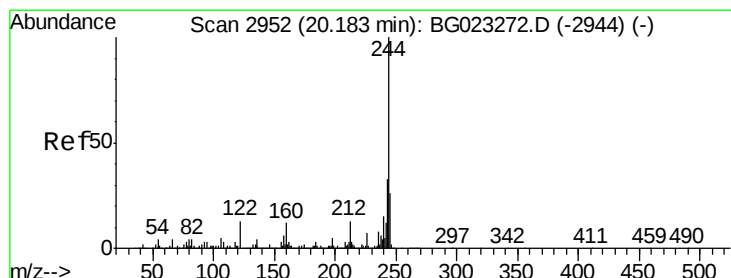
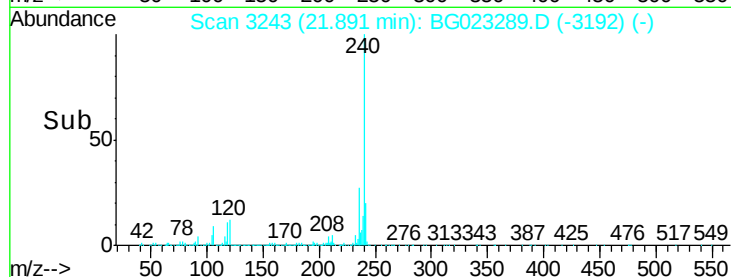
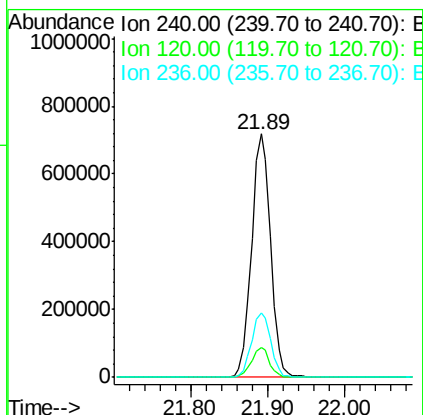
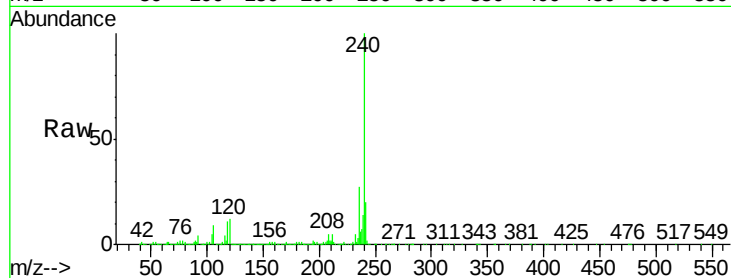




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. 0.00 min
Lab File: BG023289.D
Acq: 27 Jul 2016 19:01

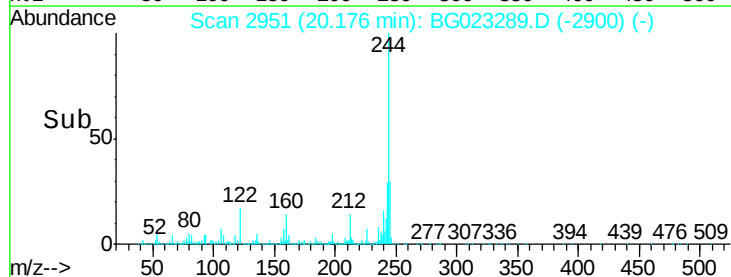
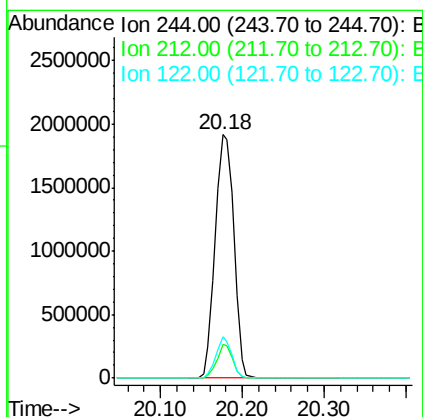
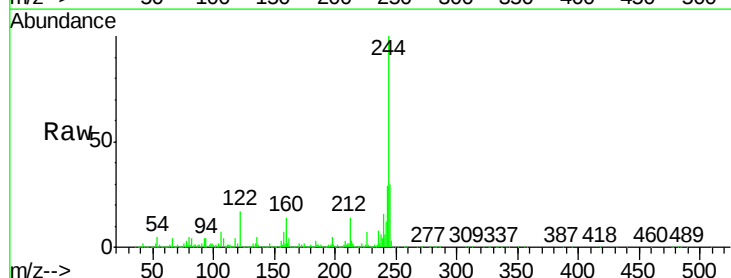
Instrument :
BNA_G
ClientSampleId :
GW-18-6.0-15.0

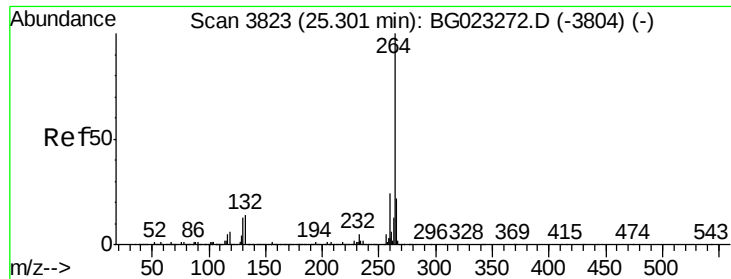
Tot Ion:240 Resp: 1243791
Ion Ratio Lower Upper
240 100
120 12.1 4.1 6.1#
236 26.6 21.1 31.7



#78
Terphenyl-d14
Concen: 80.11 ng
RT: 20.18 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BG023289.D
Acq: 27 Jul 2016 19:01

Tgt Ion:244 Resp: 3065187
Ion Ratio Lower Upper
244 100
212 13.6 10.8 16.2
122 17.1 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.30 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BG023289.D
Acq: 27 Jul 2016 19:01

Instrument :
BNA_G
ClientSampleId :
GW-18-6.0-15.0

Tot Ion:264 Resp: 1209148

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	23.4	18.9	28.3

