

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072816\
 Data File : BG023310.D
 Acq On : 28 Jul 2016 17:06
 Operator : UM/SJ
 Sample : H4205-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-38-6.5-15.0

Quant Time: Jul 29 01:21:40 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

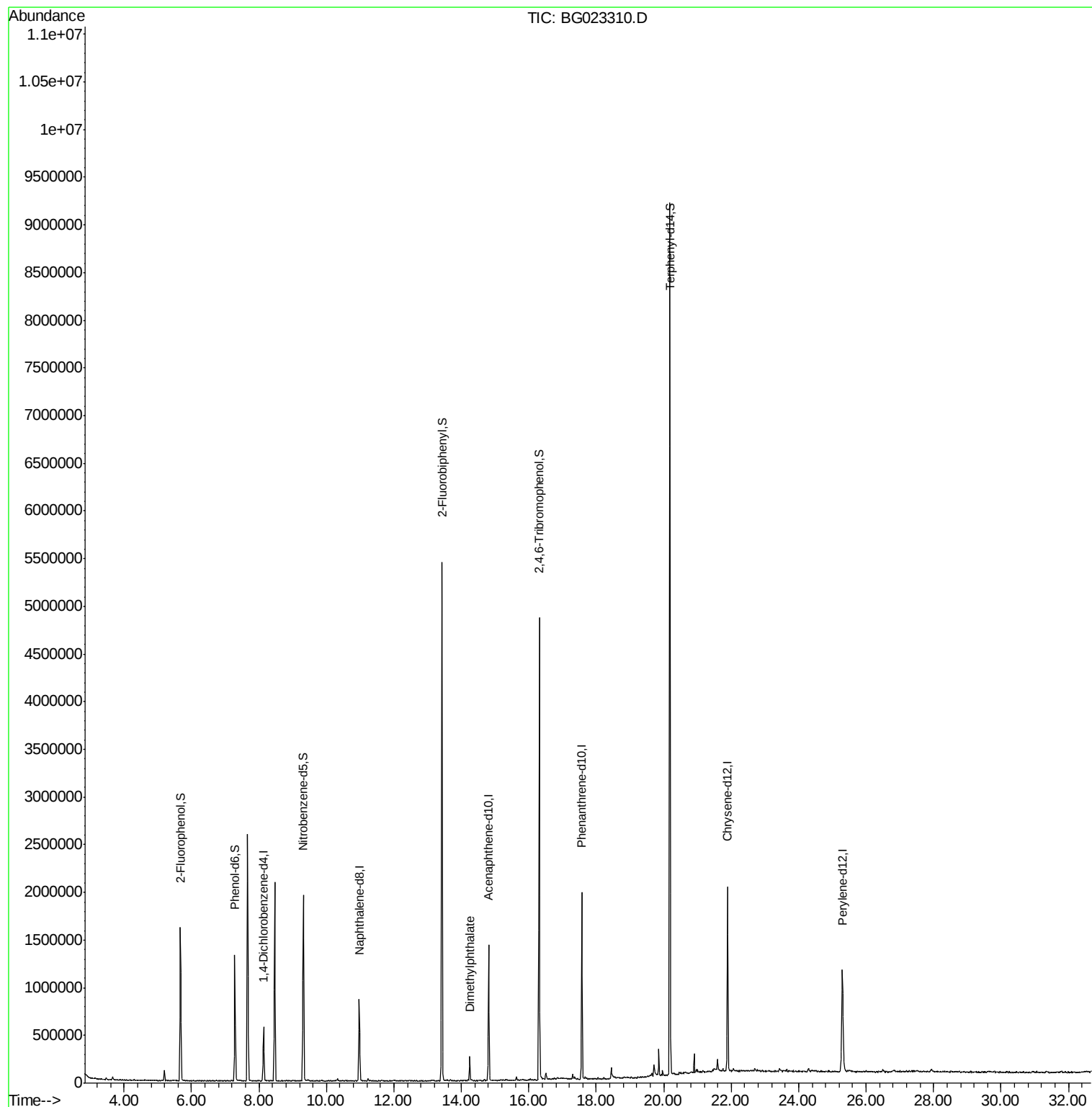
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	155891	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	708157	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	494276	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1146470	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1167754	20.00	ng	0.00
86) Perylene-d12	25.29	264	1170274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	723279	79.21	ng	0.00
7) Phenol-d6	7.28	99	850275	60.65	ng	0.00
23) Nitrobenzene-d5	9.31	82	1308406	90.35	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	872745	170.60	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2632546	99.68	ng	0.00
78) Terphenyl-d14	20.18	244	3301409	91.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	171960	4.71	ng	Qvalue # 98

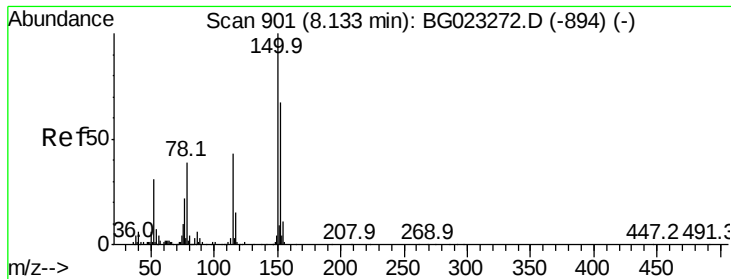
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023310.D

Acq: 28 Jul 2016 17:06

Instrument :

BNA_G

ClientSampleId :

GW-38-6.5-15.0

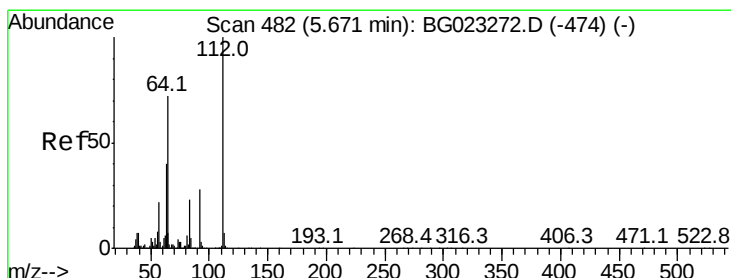
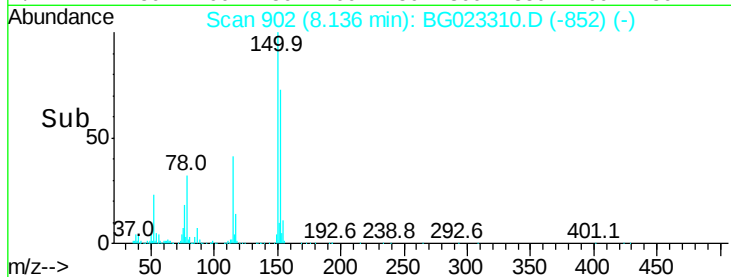
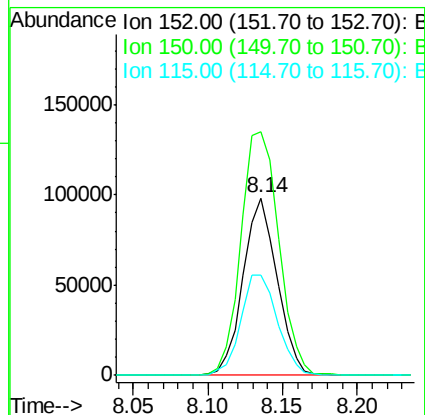
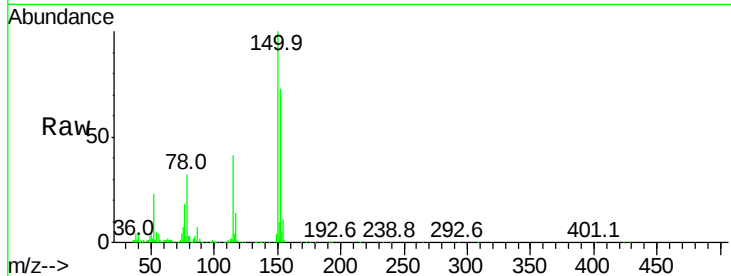
Tot Ion:152 Resp: 155891

Ion Ratio Lower Upper

152 100

150 137.5 144.7 217.1#

115 56.5 64.0 96.0#



#5

2-Fluorophenol

Concen: 79.21 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023310.D

Acq: 28 Jul 2016 17:06

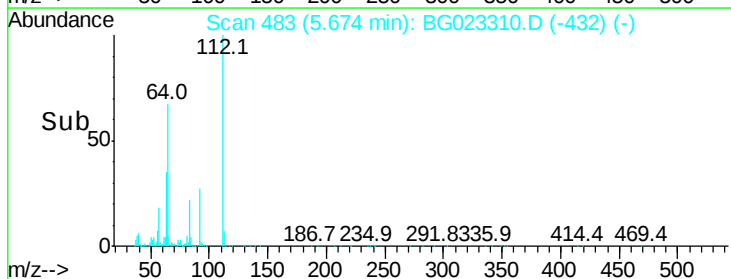
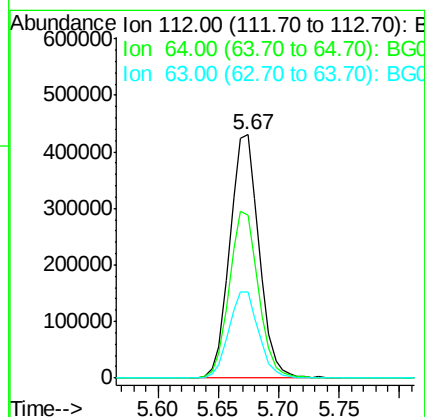
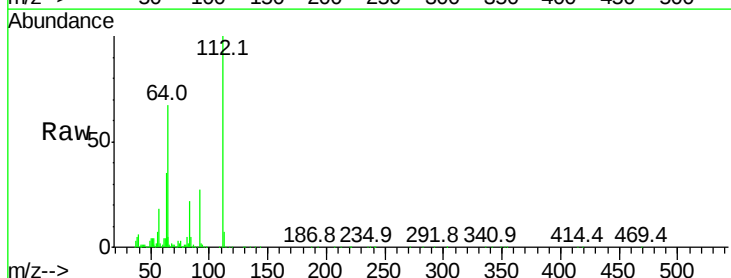
Tgt Ion:112 Resp: 723279

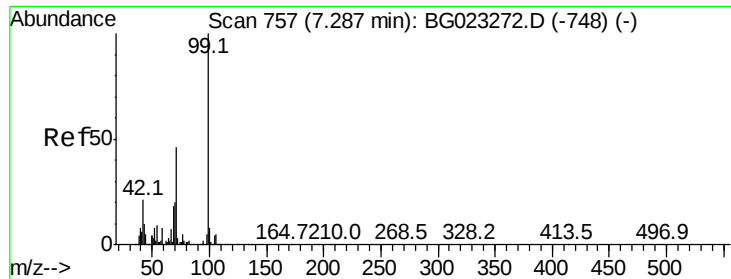
Ion Ratio Lower Upper

112 100

64 67.1 59.0 88.4

63 35.4 37.8 56.8#





#7

Phenol-d6

Concen: 60.65 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023310.D

Acq: 28 Jul 2016 17:06

Instrument :

BNA_G

ClientSampleId :

GW-38-6.5-15.0

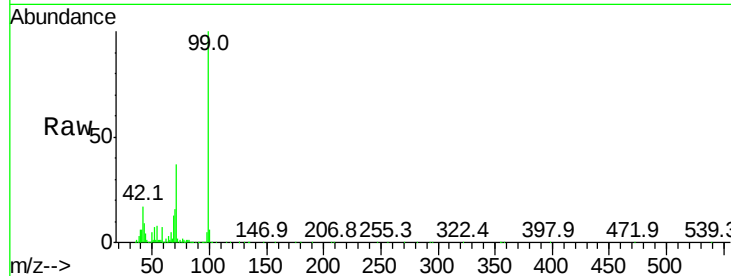
Tot Ion: 99 Resp: 850275

Ion Ratio Lower Upper

99 100

42 16.6 17.8 26.6#

71 36.8 41.5 62.3#

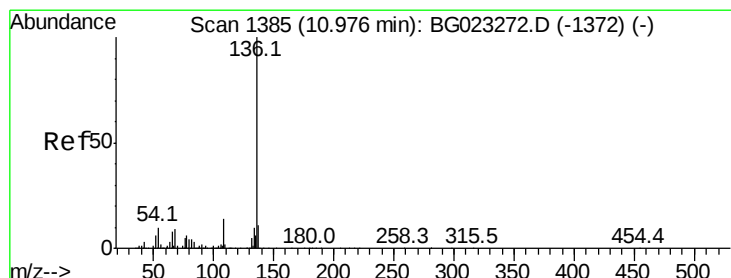
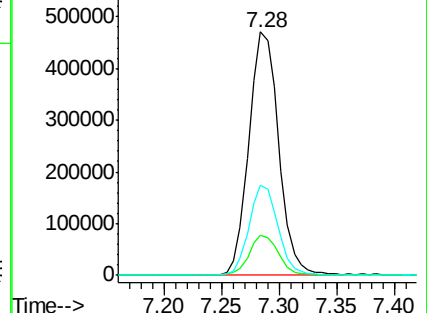
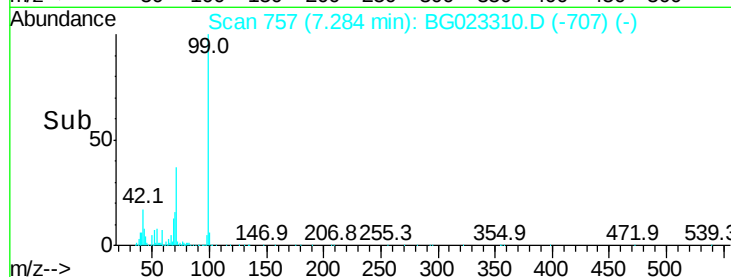


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

7.28



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.97 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BG023310.D

Acq: 28 Jul 2016 17:06

Tgt Ion: 136 Resp: 708157

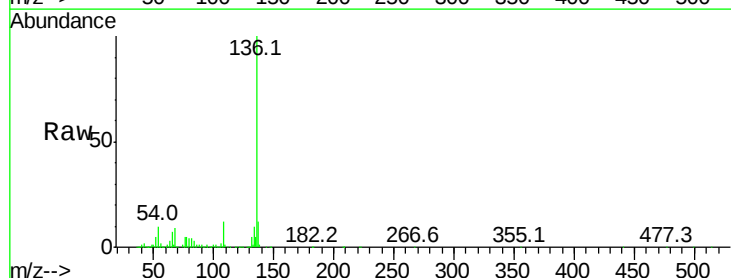
Ion Ratio Lower Upper

136 100

137 11.8 9.6 14.4

54 10.0 7.3 10.9

68 8.6 5.3 7.9#



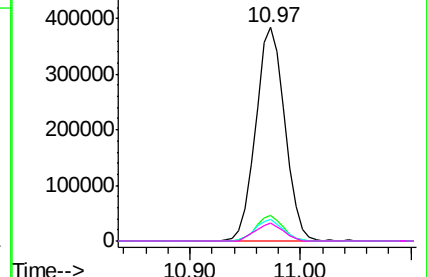
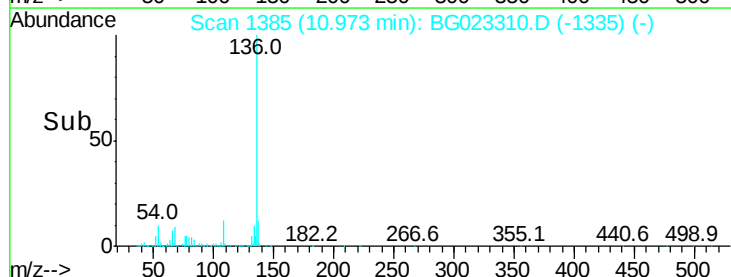
Abundance Ion 136.00 (135.70 to 136.70): BGC

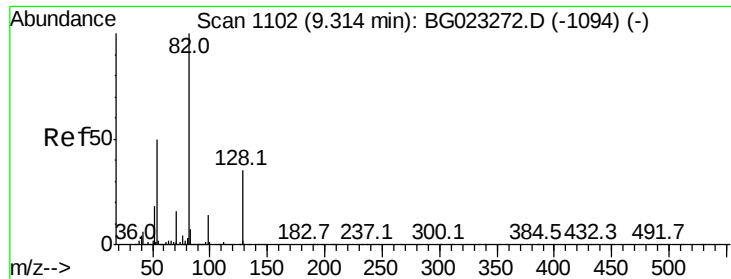
Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

10.97

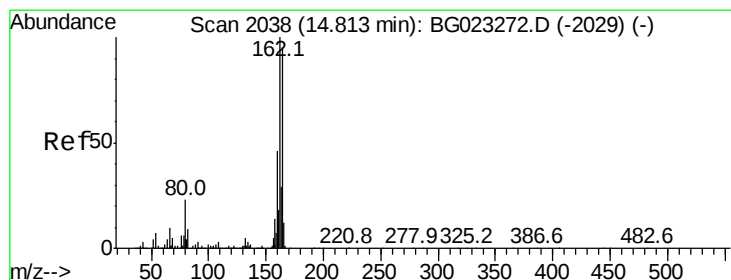
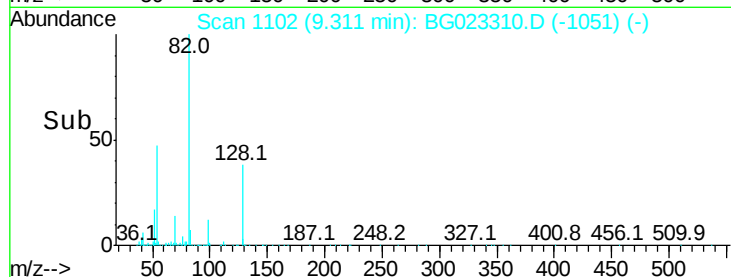
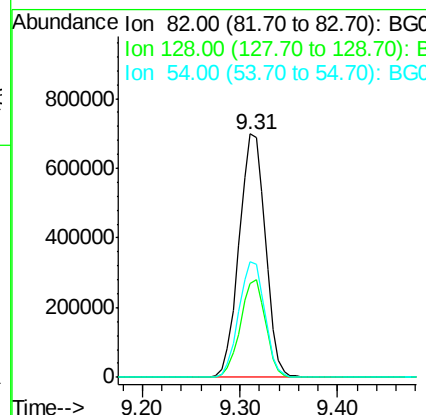
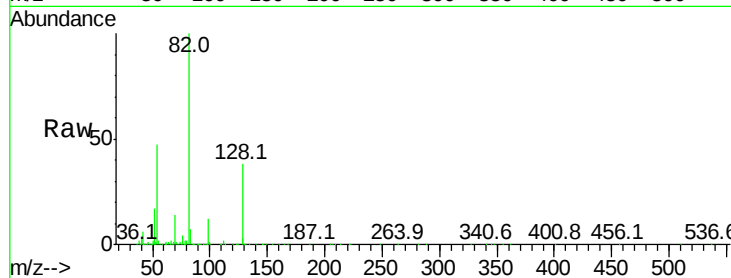




#23
 Nitrobenzene-d5
 Concen: 90.35 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023310.D
 Acq: 28 Jul 2016 17:06

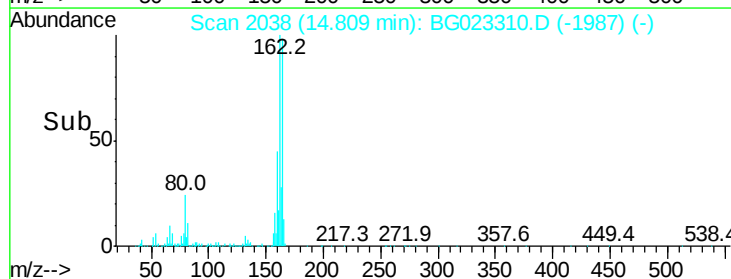
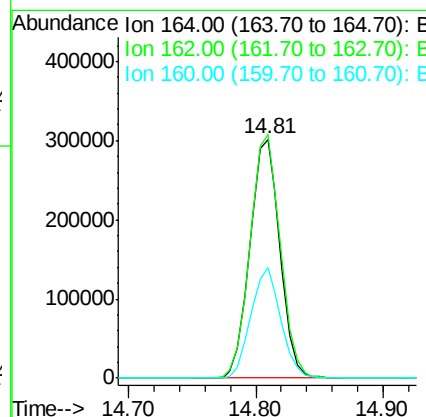
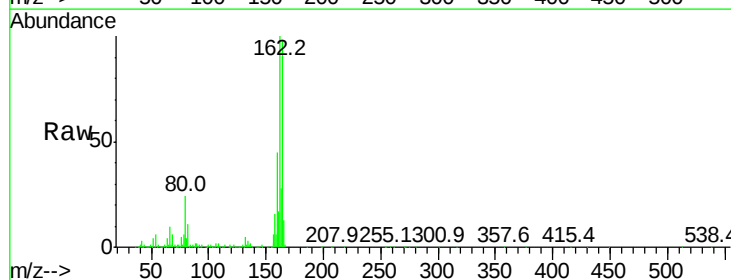
Instrument :
 BNA_G
 ClientSampleId :
 GW-38-6.5-15.0

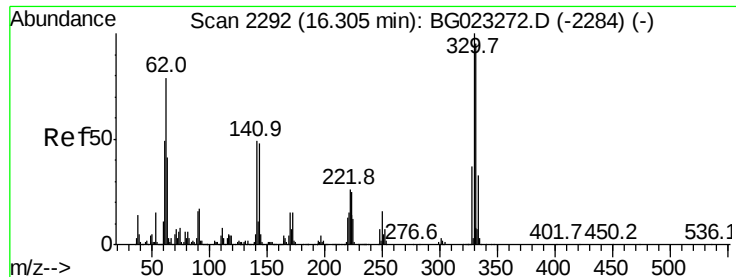
Tot Ion: 82 Resp: 1308406
 Ion Ratio Lower Upper
 82 100
 128 38.5 24.4 36.6#
 54 47.3 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: BG023310.D
 Acq: 28 Jul 2016 17:06

Tgt Ion: 164 Resp: 494276
 Ion Ratio Lower Upper
 164 100
 162 101.8 87.7 131.5
 160 46.0 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 170.60 ng

RT: 16.31 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BG023310.D

Acq: 28 Jul 2016 17:06

Instrument :

BNA_G

ClientSampleId :

GW-38-6.5-15.0

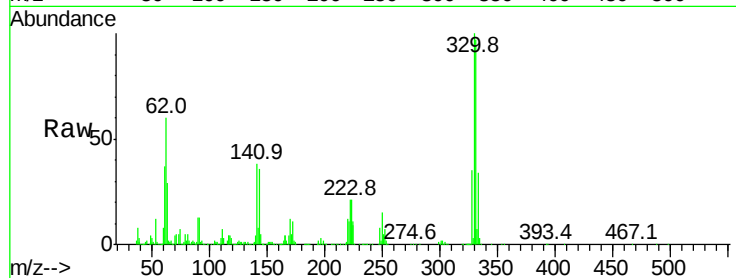
Tot Ion:330 Resp: 872745

Ion Ratio Lower Upper

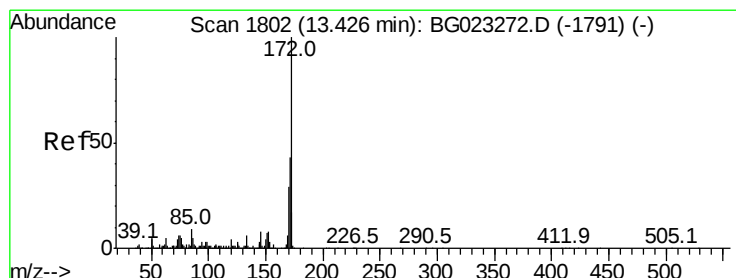
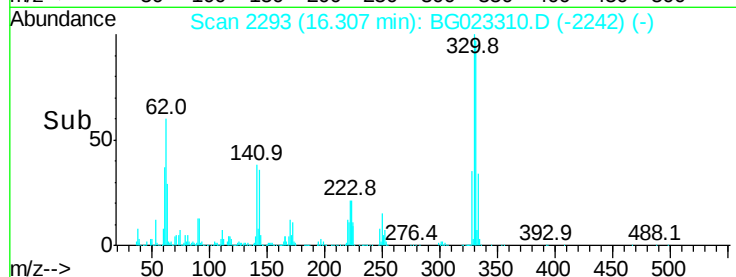
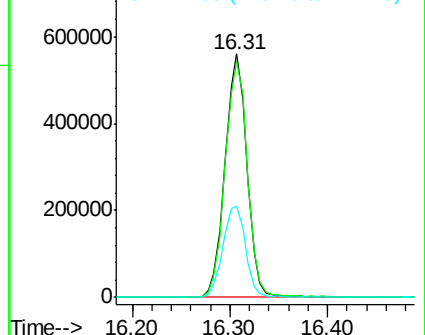
330 100

332 98.8 77.4 116.2

141 39.1 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: 99.68 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG023310.D

Acq: 28 Jul 2016 17:06

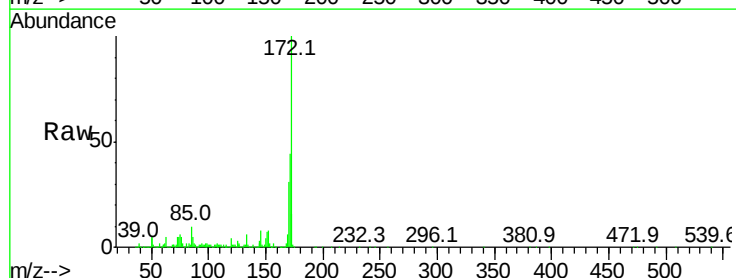
Tgt Ion:172 Resp: 2632546

Ion Ratio Lower Upper

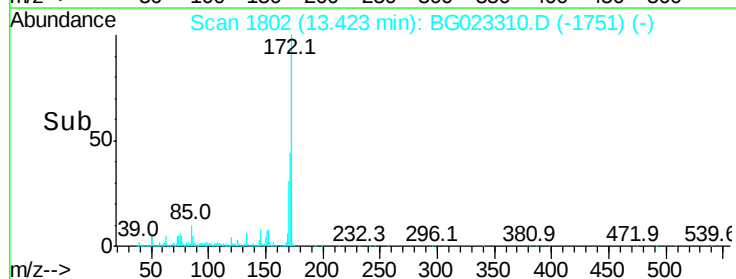
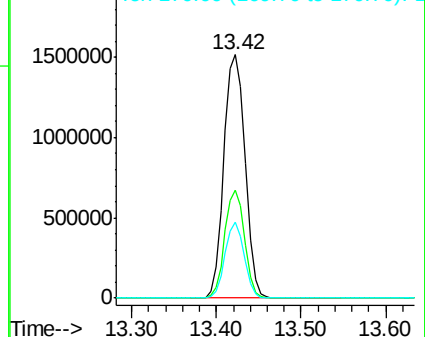
172 100

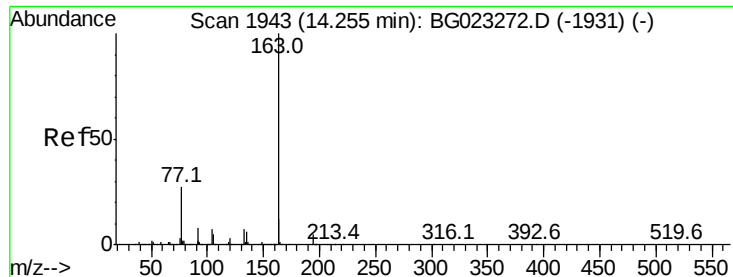
171 44.4 31.6 47.4

170 31.4 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: 4.71 ng

RT: 14.25 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG023310.D

Acq: 28 Jul 2016 17:06

Instrument :

BNA_G

ClientSampleId :

GW-38-6.5-15.0

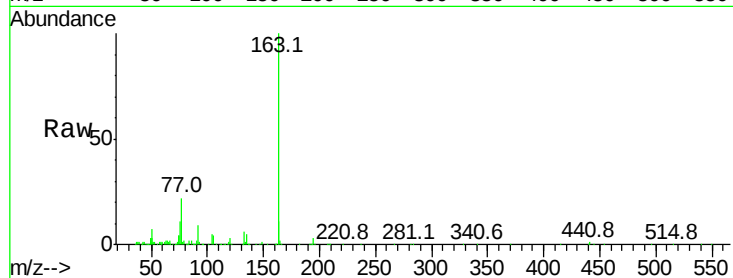
Tot Ion:163 Resp: 171960

Ion Ratio Lower Upper

163 100

194 3.4 3.6 5.4#

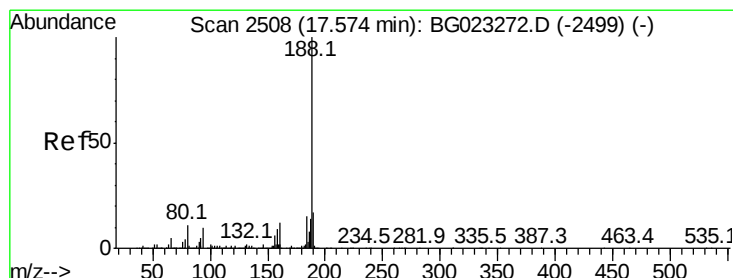
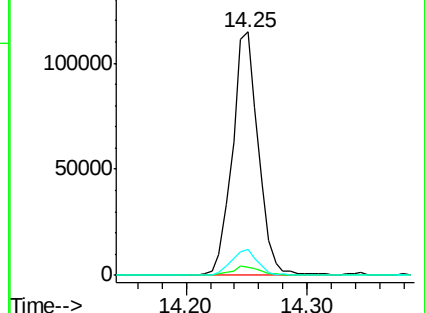
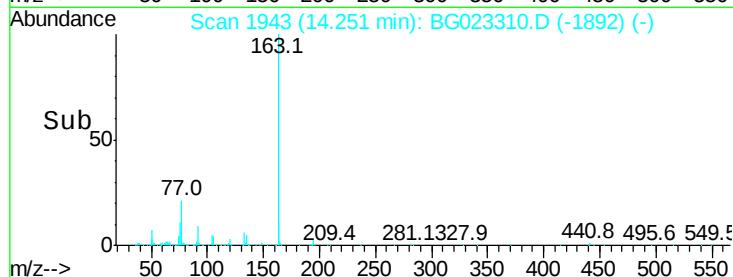
164 10.7 8.1 12.1



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: BG023310.D

Acq: 28 Jul 2016 17:06

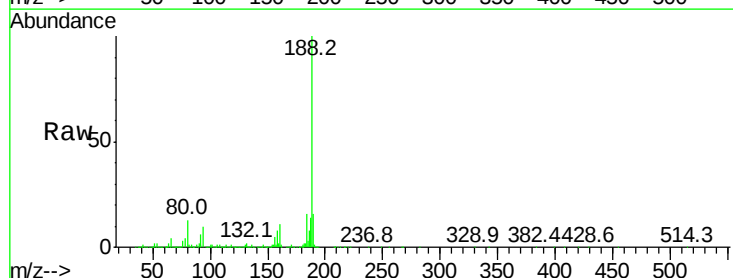
Tgt Ion:188 Resp: 1146470

Ion Ratio Lower Upper

188 100

94 9.5 5.2 7.8#

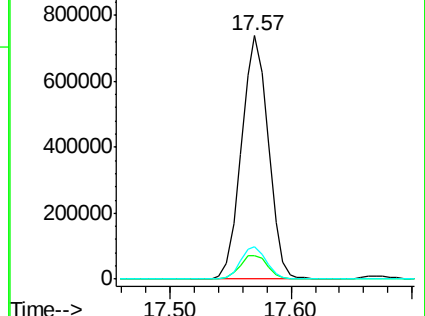
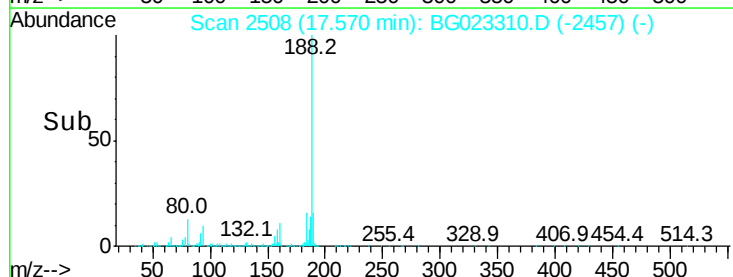
80 13.1 7.2 10.8#

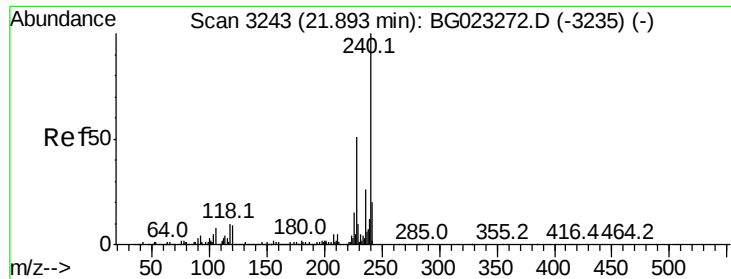


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

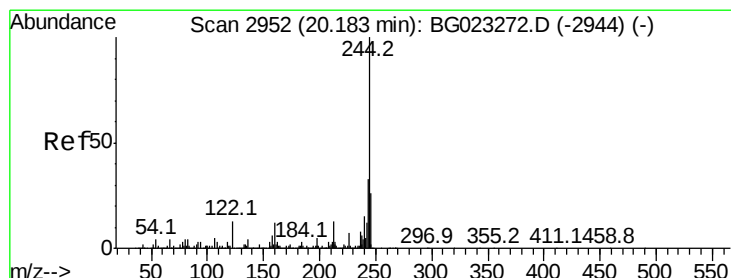
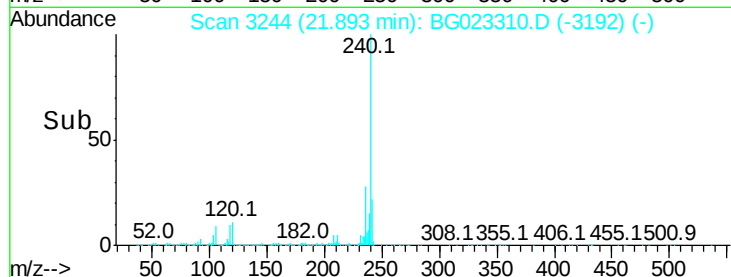
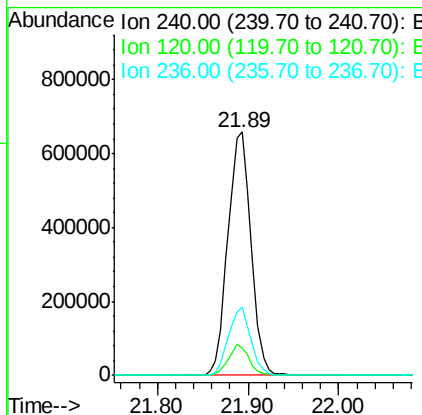
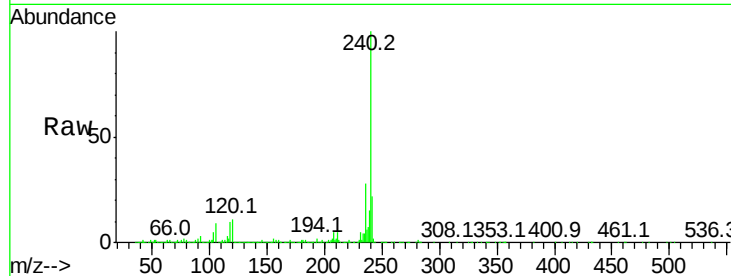




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.89 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG023310.D
 Acq: 28 Jul 2016 17:06

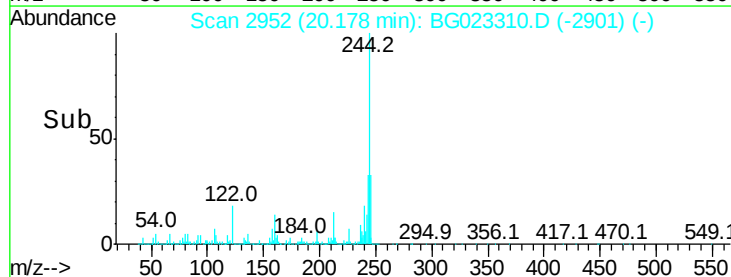
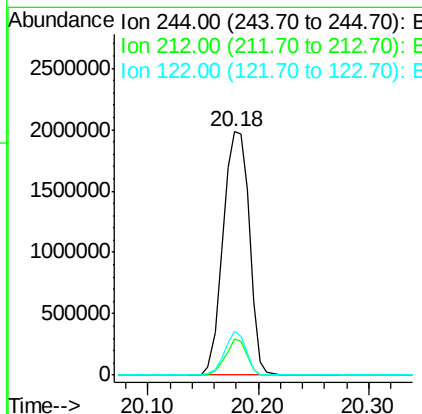
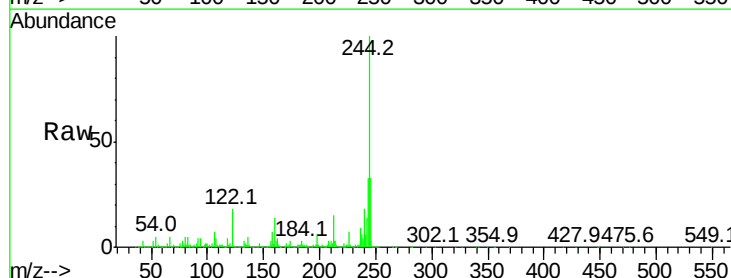
Instrument :
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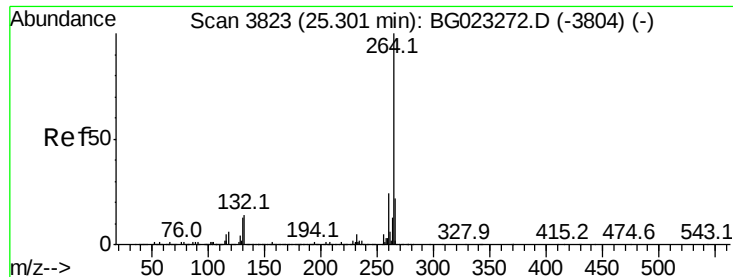
Tot Ion:240 Resp: 1167754
 Ion Ratio Lower Upper
 240 100
 120 11.3 4.1 6.1#
 236 28.0 21.1 31.7



#78
 Terphenyl-d14
 Concen: 91.90 ng
 RT: 20.18 min Scan# 2952
 Delta R.T. 0.00 min
 Lab File: BG023310.D
 Acq: 28 Jul 2016 17:06

Tgt Ion:244 Resp: 3301409
 Ion Ratio Lower Upper
 244 100
 212 14.9 10.8 16.2
 122 18.0 8.0 12.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BG023310.D
Acq: 28 Jul 2016 17:06

Instrument :
BNA_G
ClientSampleId :
GW-38-6.5-15.0

Tot Ion:264 Resp: 1170274

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.4	27.6
265	20.4	18.9	28.3

