

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023351.D
 Acq On : 30 Jul 2016 2:35
 Operator : UM/SJ
 Sample : H4176-20MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Quant Time: Jul 30 03:22:19 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

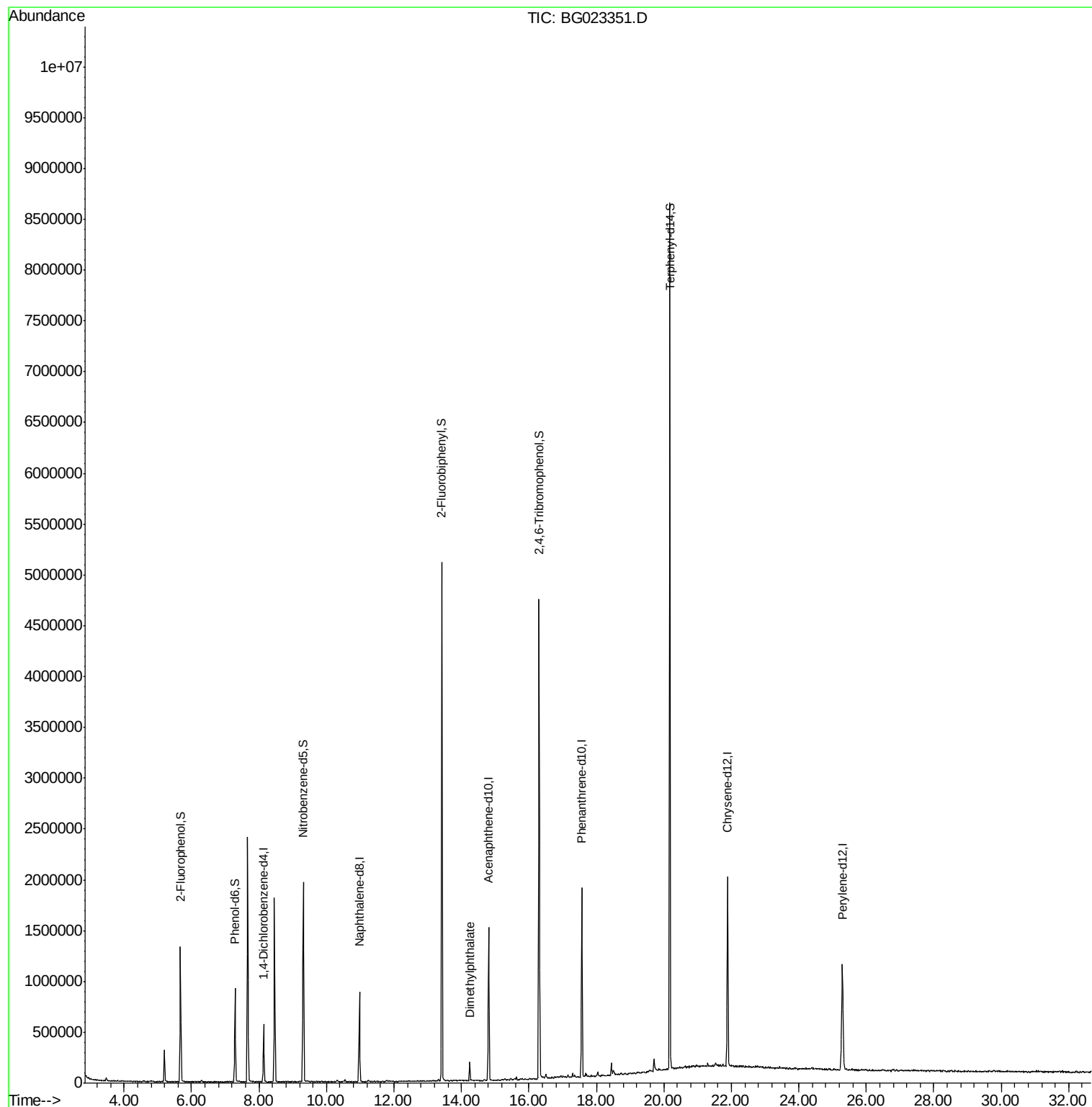
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	157421	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	750064	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	508074	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1110454	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1112171	20.00	ng	0.00
86) Perylene-d12	25.29	264	1130718	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	586448	63.60	ng	0.00
7) Phenol-d6	7.29	99	592286	41.84	ng	0.00
23) Nitrobenzene-d5	9.31	82	1282378	83.61	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	831038	158.03	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2482916	91.46	ng	0.00
78) Terphenyl-d14	20.18	244	3040111	88.86	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.25	163	114805	3.06	ng	Qvalue 98

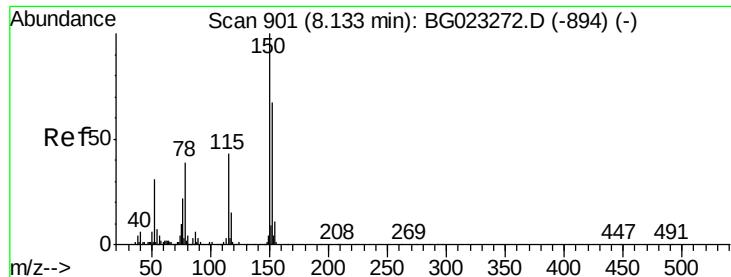
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 27 17:30:33 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023351.D

Acq: 30 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

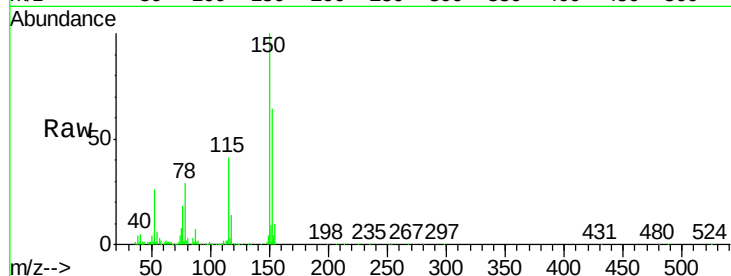
Tgt Ion:152 Resp: 157421

Ion Ratio Lower Upper

152 100

150 155.5 144.7 217.1

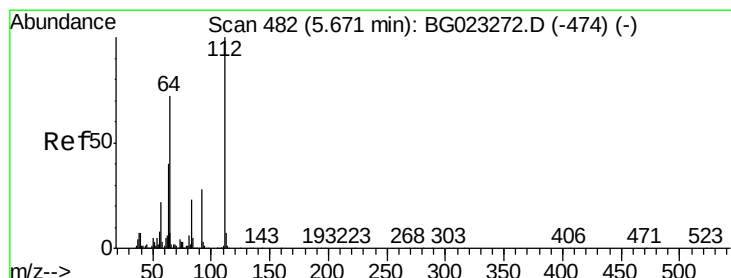
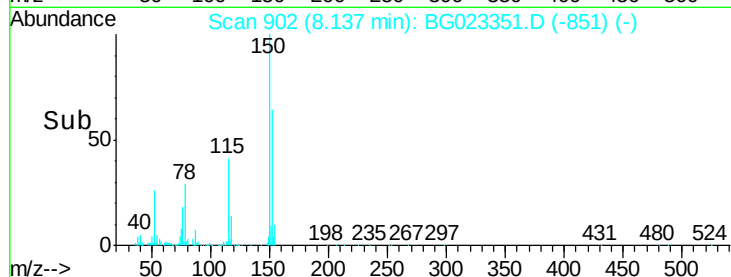
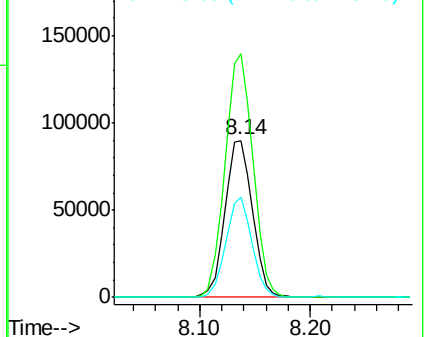
115 63.7 64.0 96.0#



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: 63.60 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023351.D

Acq: 30 Jul 2016 2:35

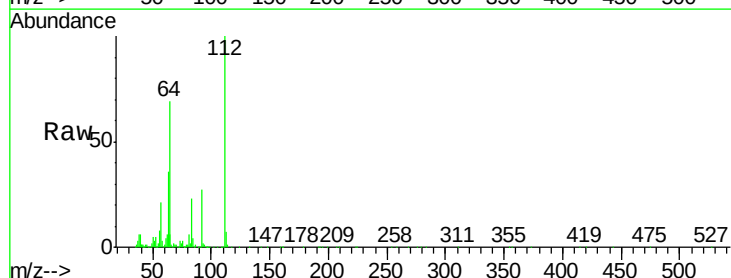
Tgt Ion:112 Resp: 586448

Ion Ratio Lower Upper

112 100

64 68.8 59.0 88.4

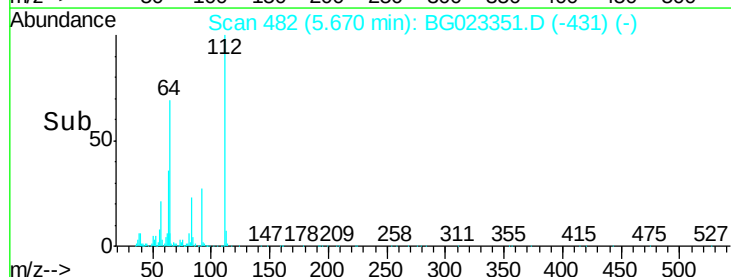
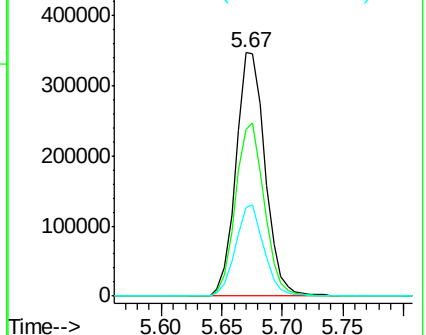
63 36.5 37.8 56.8#

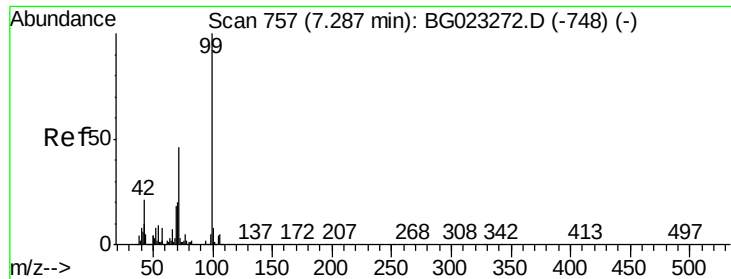


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 41.84 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023351.D

Acq: 30 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

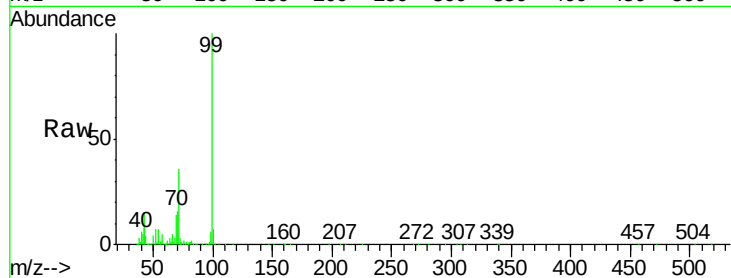
Tgt Ion: 99 Resp: 592286

Ion Ratio Lower Upper

99 100

42 15.2 17.8 26.6#

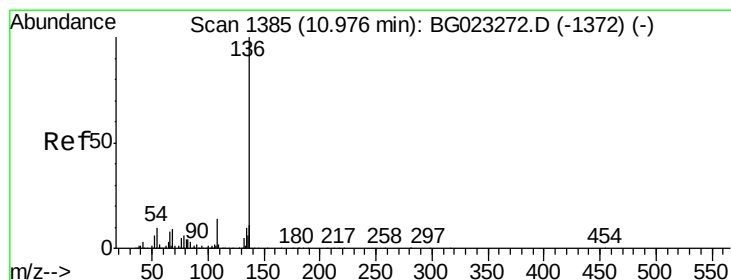
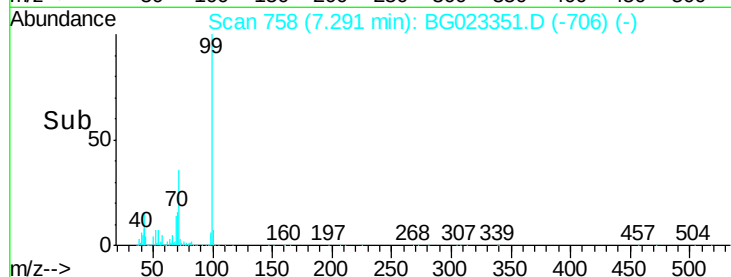
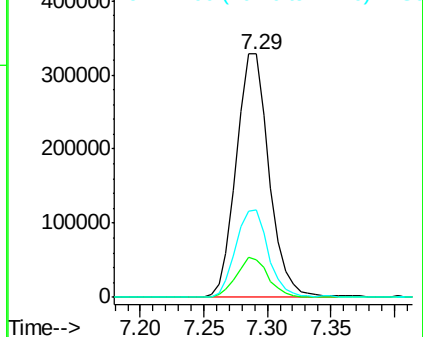
71 36.1 41.5 62.3#



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: BG023351.D

Acq: 30 Jul 2016 2:35

Tgt Ion: 136 Resp: 750064

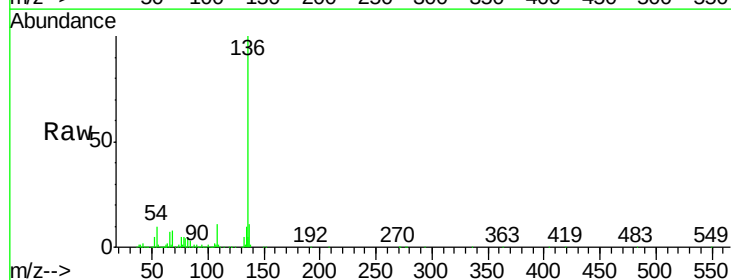
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 9.7 7.3 10.9

68 7.9 5.3 7.9

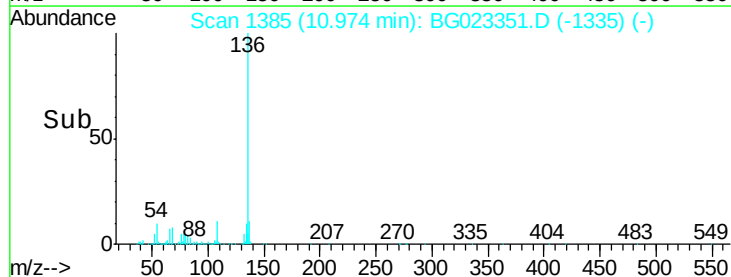
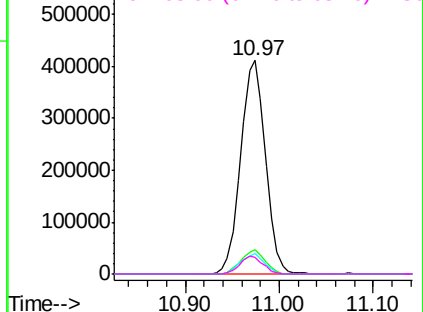


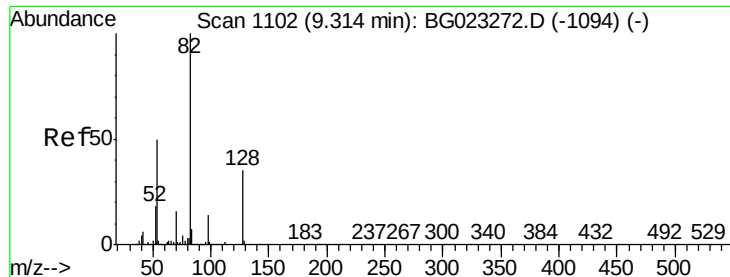
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

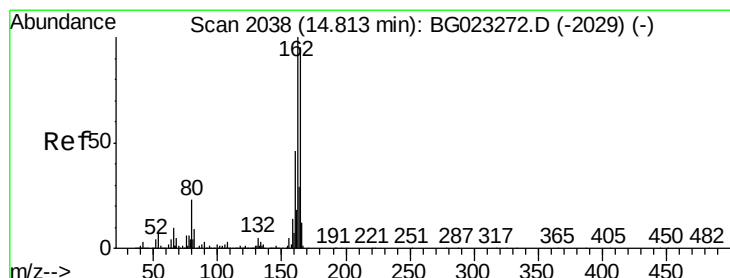
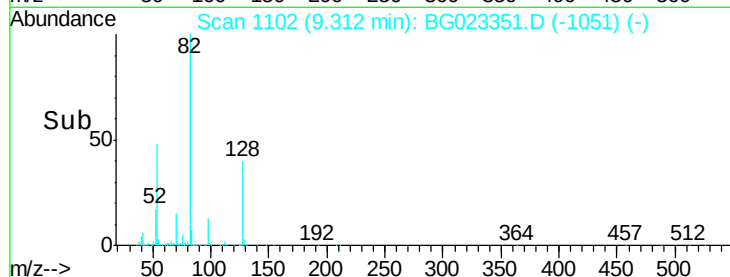
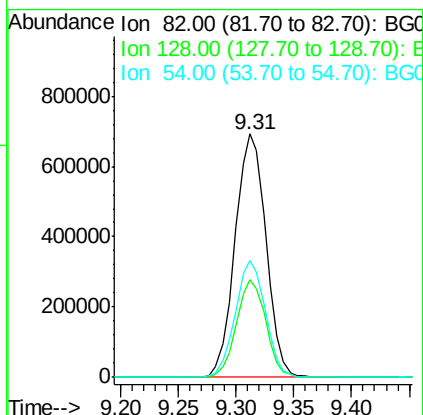
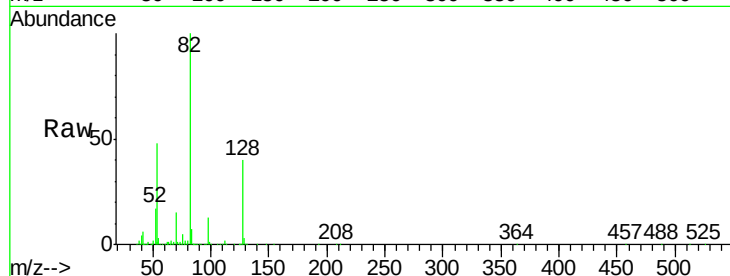




#23
 Nitrobenzene-d5
 Concen: 83.61 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023351.D
 Acq: 30 Jul 2016 2:35

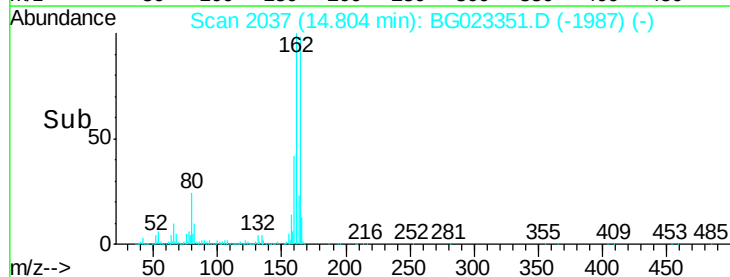
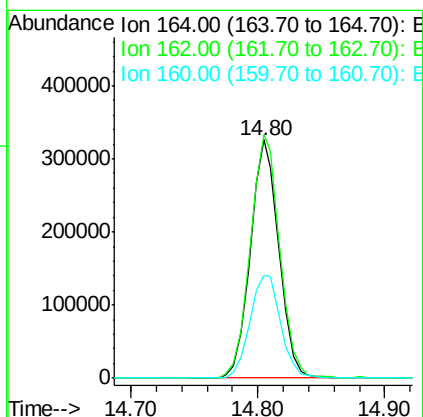
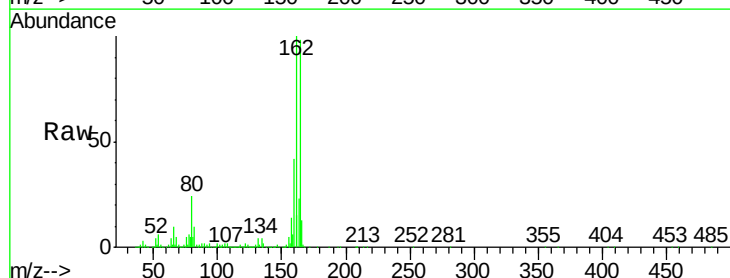
Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

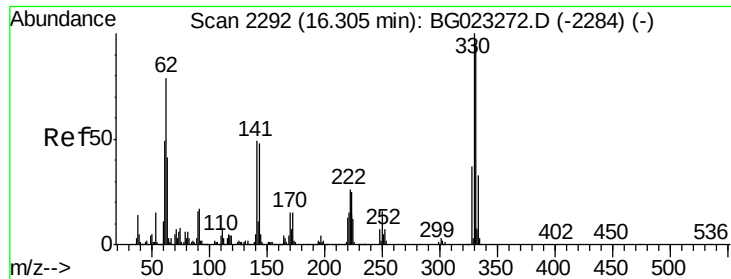
Tgt Ion: 82 Resp: 1282378
 Ion Ratio Lower Upper
 82 100
 128 39.9 24.4 36.6#
 54 47.8 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023351.D
 Acq: 30 Jul 2016 2:35

Tgt Ion: 164 Resp: 508074
 Ion Ratio Lower Upper
 164 100
 162 102.2 87.7 131.5
 160 43.3 37.2 55.8

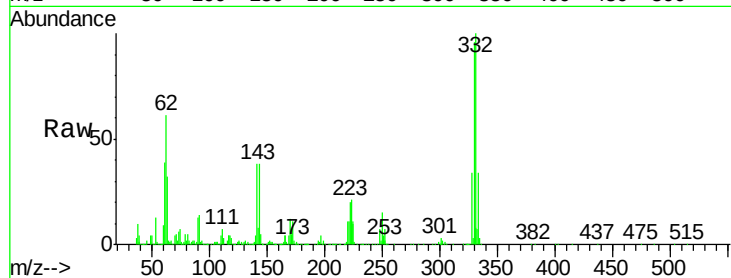




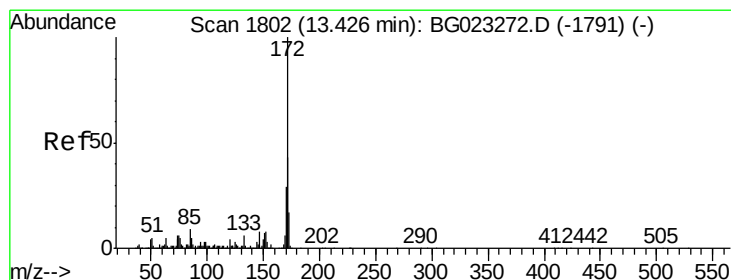
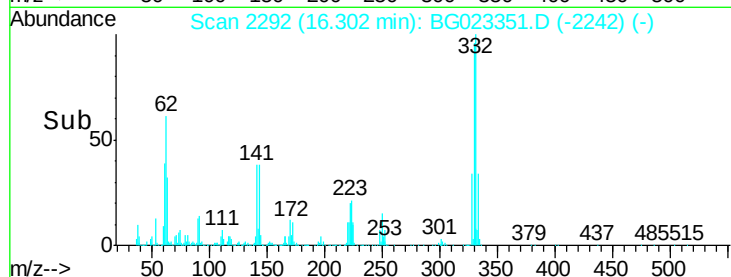
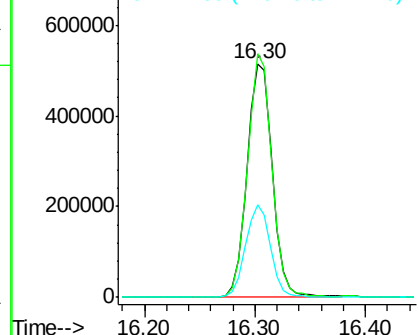
#41
 2,4,6-Tribromophenol
 Concen: 158.03 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023351.D
 Acq: 30 Jul 2016 2:35

Instrument :
 BNA_G
 ClientSampleId :
 GW-34-7.0-15.0MSD

Tgt Ion:330 Resp: 831038
 Ion Ratio Lower Upper
 330 100
 332 100.3 77.4 116.2
 141 38.9 31.7 47.5

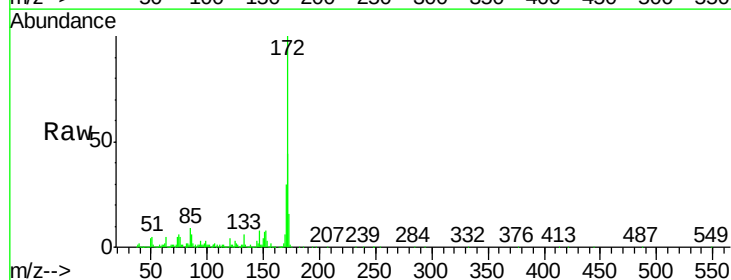


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

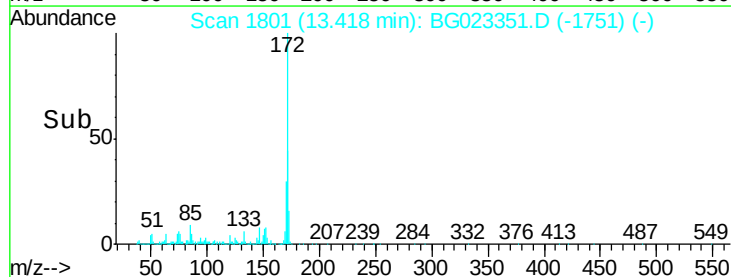
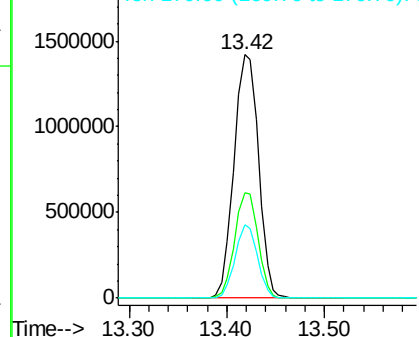


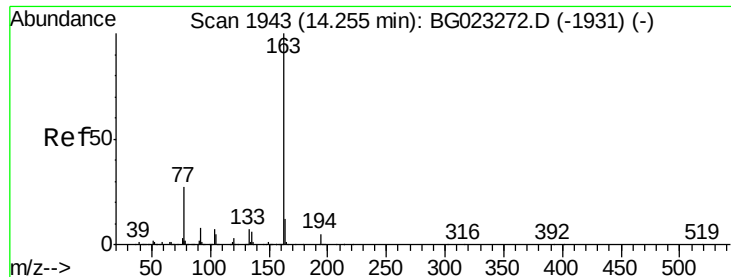
#44
 2-Fluorobiphenyl
 Concen: 91.46 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023351.D
 Acq: 30 Jul 2016 2:35

Tgt Ion:172 Resp: 2482916
 Ion Ratio Lower Upper
 172 100
 171 43.5 31.6 47.4
 170 29.9 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: 3.06 ng

RT: 14.25 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BG023351.D

Acq: 30 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

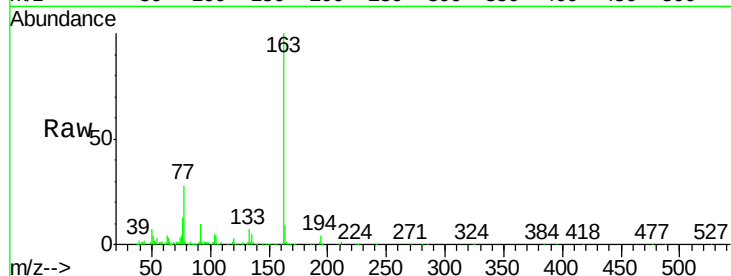
Tgt Ion:163 Resp: 114805

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

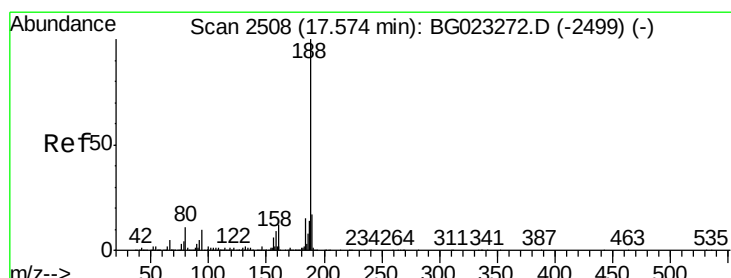
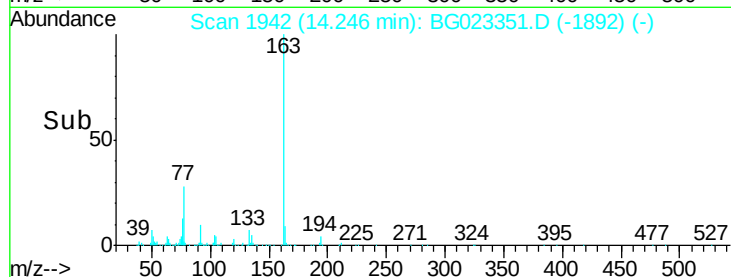
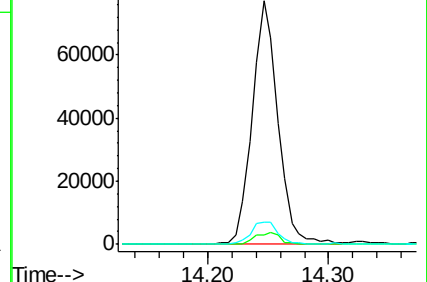
164 9.3 8.1 12.1



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: BG023351.D

Acq: 30 Jul 2016 2:35

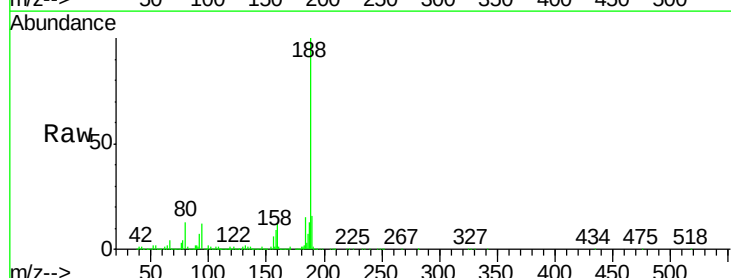
Tgt Ion:188 Resp: 1110454

Ion Ratio Lower Upper

188 100

94 11.8 5.2 7.8#

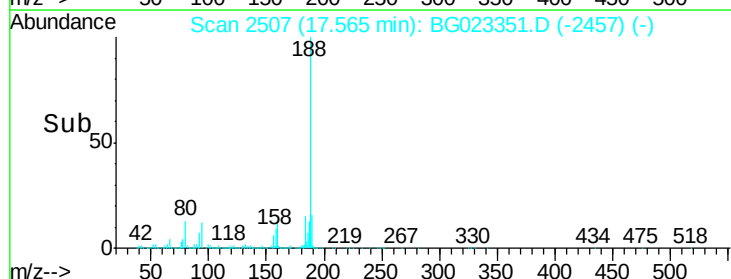
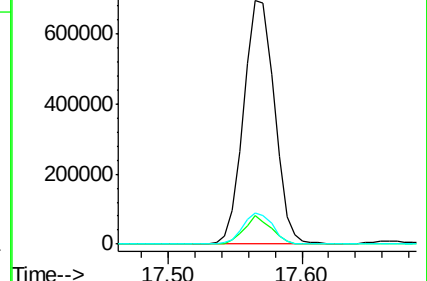
80 12.7 7.2 10.8#

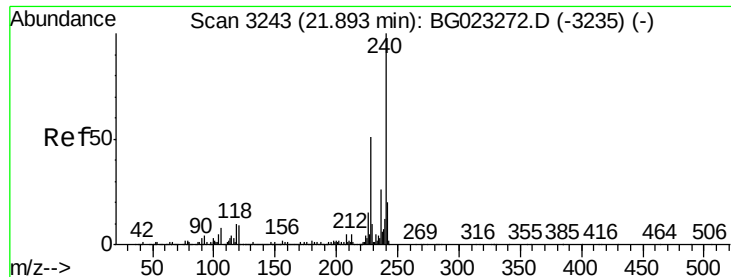


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG023351.D

Acq: 30 Jul 2016 2:35

Instrument :

BNA_G

ClientSampleId :

GW-34-7.0-15.0MSD

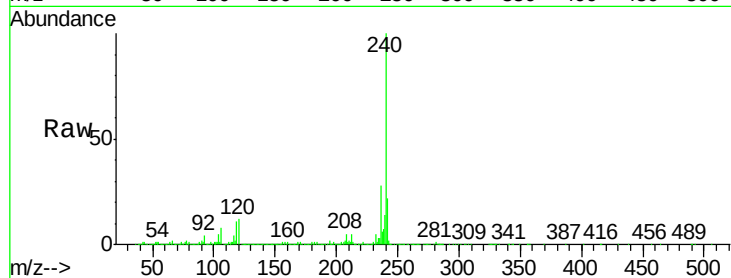
Tgt Ion:240 Resp: 1112171

Ion Ratio Lower Upper

240 100

120 11.7 4.1 6.1#

236 27.7 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.89

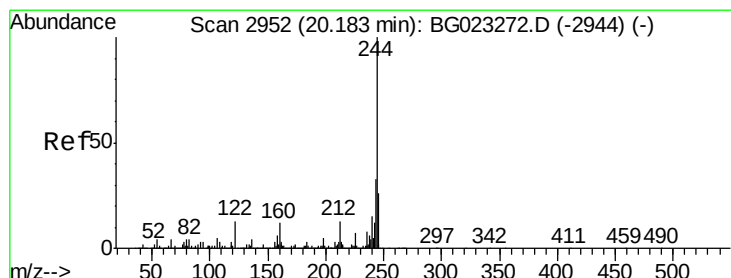
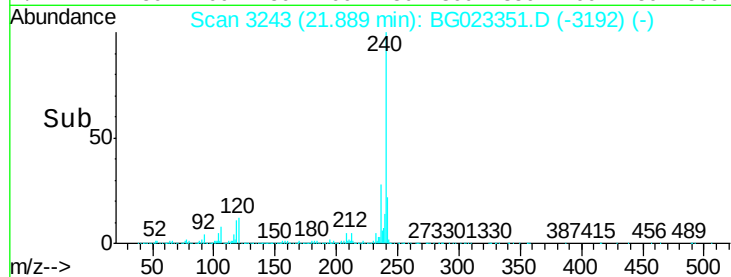
600000

400000

200000

0

Time--> 21.80 21.90 22.00



#78

Terphenyl-d14

Concen: 88.86 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023351.D

Acq: 30 Jul 2016 2:35

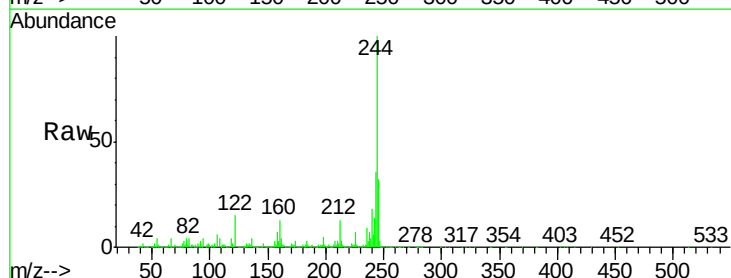
Tgt Ion:244 Resp: 3040111

Ion Ratio Lower Upper

244 100

212 13.4 10.8 16.2

122 14.8 8.0 12.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.18

2500000

2000000

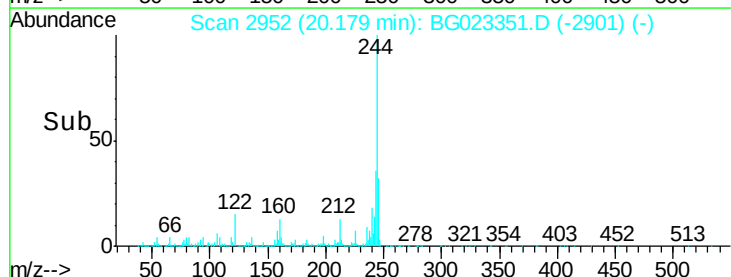
1500000

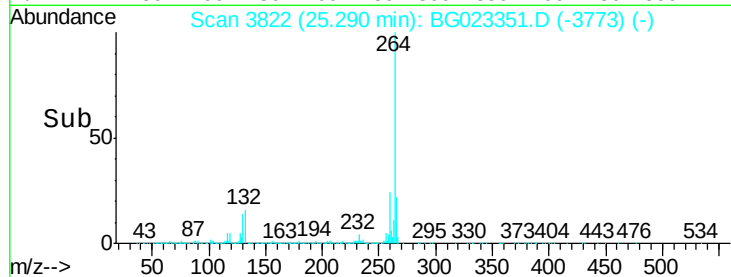
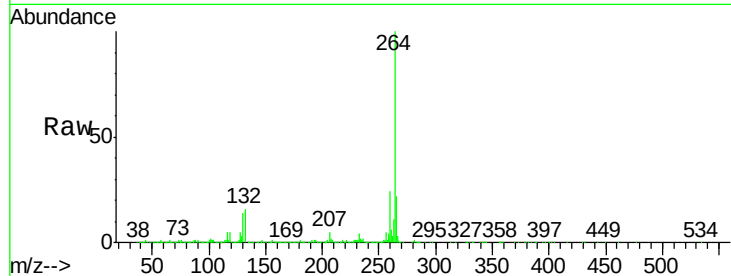
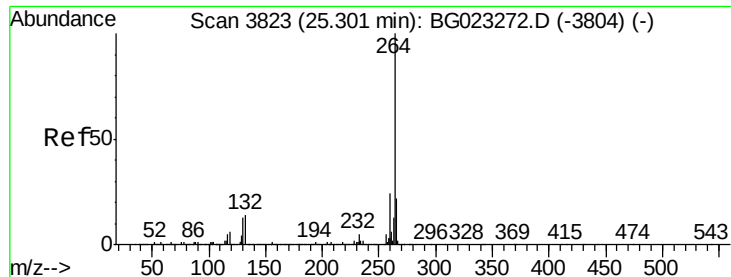
1000000

500000

0

Time--> 20.10 20.20 20.30





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.29 min Scan# 3822
Delta R.T. -0.01 min
Lab File: BG023351.D
Acq: 30 Jul 2016 2:35

Instrument :
BNA_G
ClientSampleId :
GW-34-7.0-15.0MSD

Tgt Ion: 264 Resp: 1130718

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.0	18.9	28.3

