

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023348.D
 Acq On : 30 Jul 2016 00:34
 Operator : UM/SJ
 Sample : H4176-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-35-6.0-15.0

Quant Time: Jul 30 01:33:10 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	146469	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	670738	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	467596	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1045753	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1046352	20.00	ng	0.00
86) Perylene-d12	25.29	264	1048933	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	858468	100.06	ng	0.00
7) Phenol-d6	7.29	99	981408	74.51	ng	0.00
23) Nitrobenzene-d5	9.31	82	1226157	89.40	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	838401	173.23	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2493327	99.80	ng	0.00
78) Terphenyl-d14	20.17	244	2984461	92.72	ng	0.00

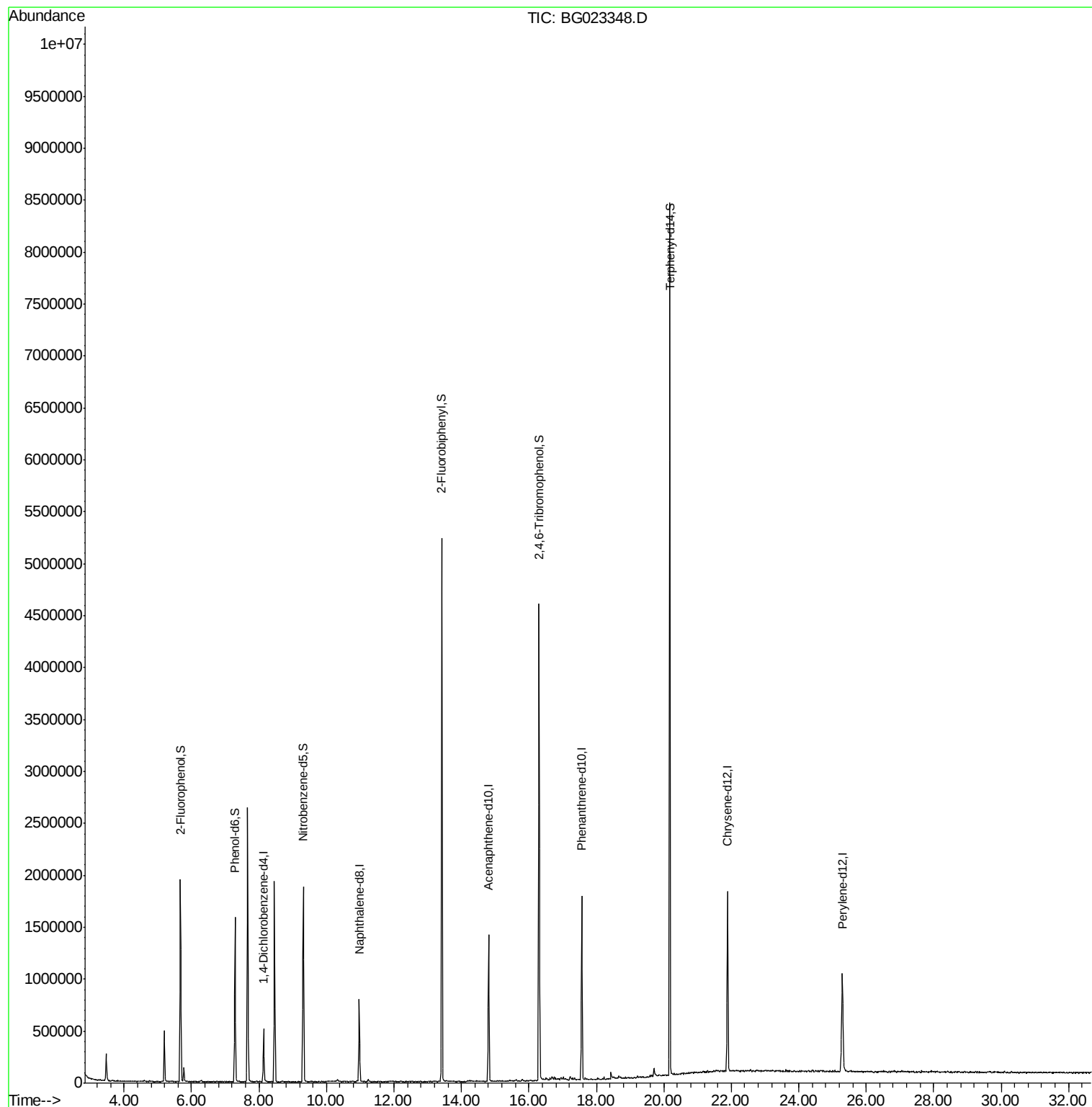
Target Compounds	Qvalue
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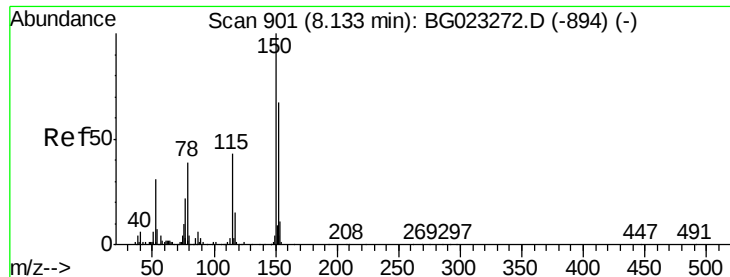
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023348.D

Acq: 30 Jul 2016 00:34

Instrument :

BNA_G

ClientSampleId :

GW-35-6.0-15.0

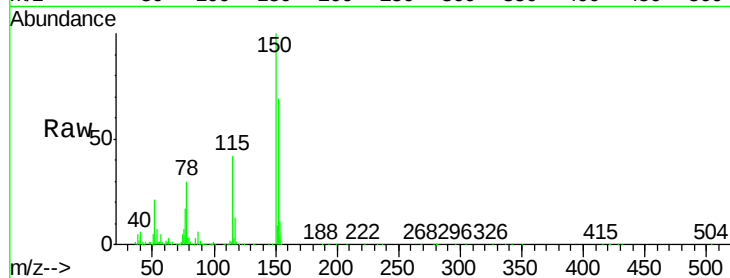
Tgt Ion:152 Resp: 146469

Ion Ratio Lower Upper

152 100

150 144.8 144.7 217.1

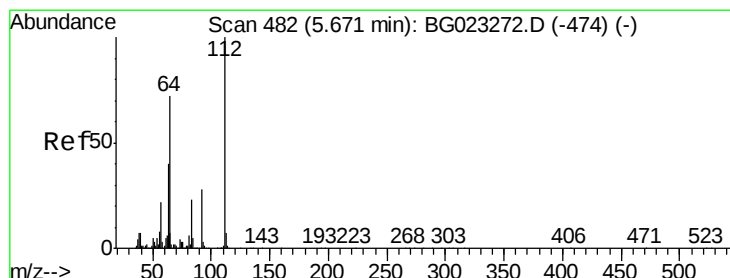
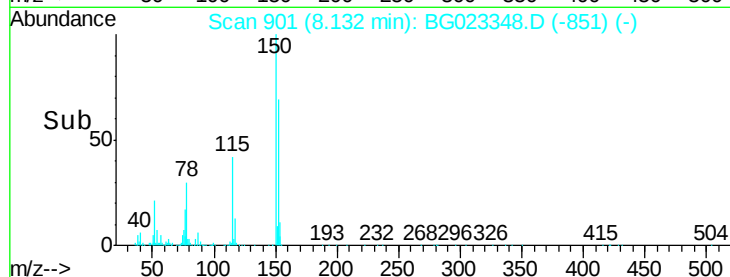
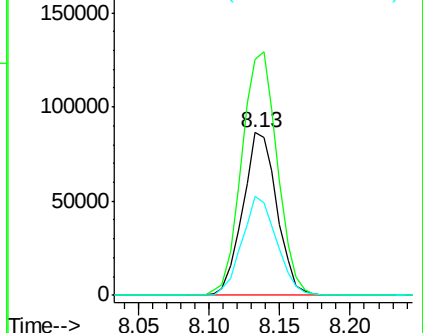
115 60.6 64.0 96.0#



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: 100.06 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

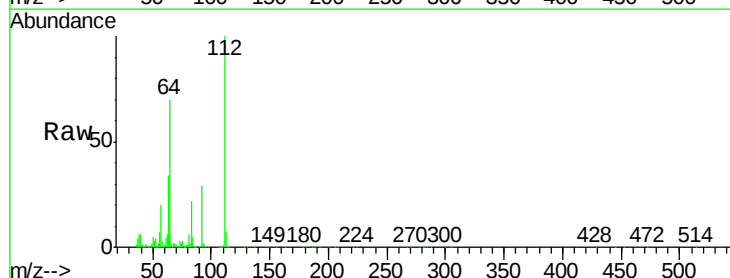
Tgt Ion:112 Resp: 858468

Ion Ratio Lower Upper

112 100

64 70.3 59.0 88.4

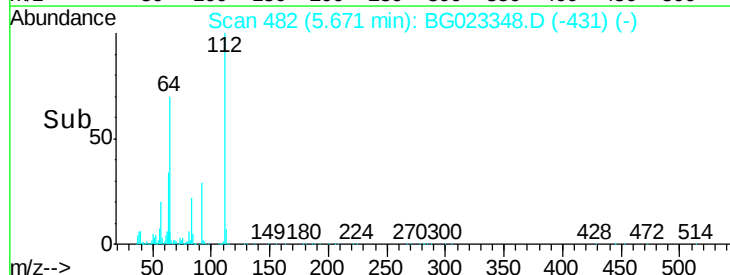
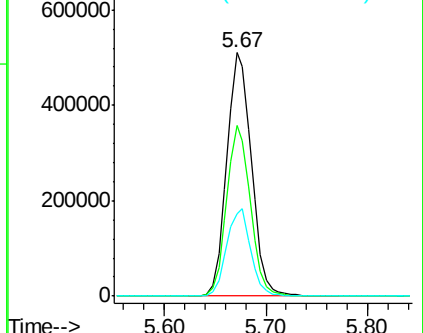
63 33.9 37.8 56.8#

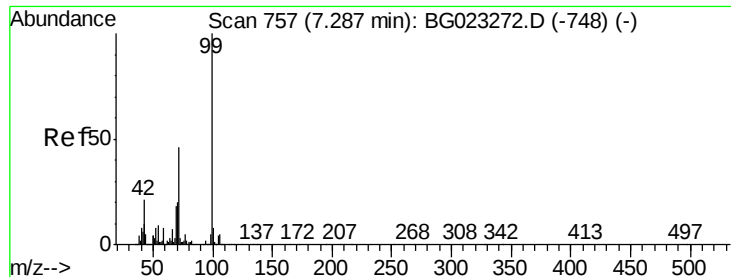


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 74.51 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

Instrument :

BNA_G

ClientSampleId :

GW-35-6.0-15.0

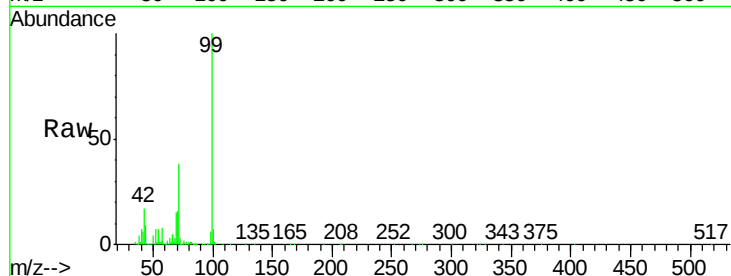
Tgt Ion: 99 Resp: 981408

Ion Ratio Lower Upper

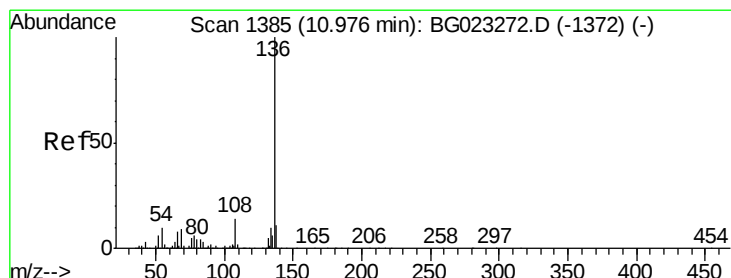
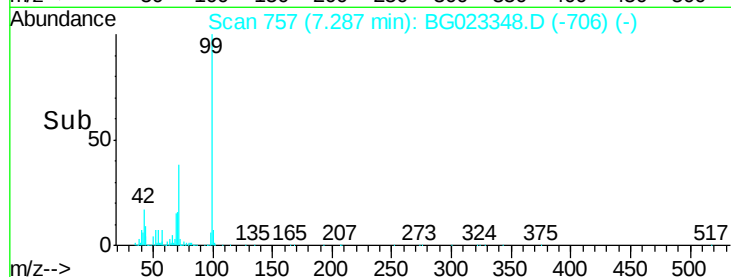
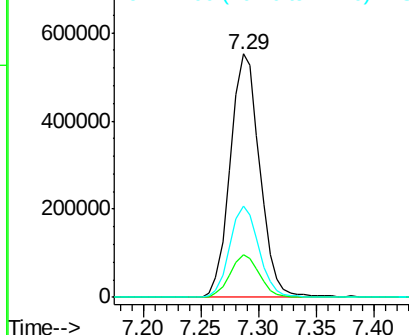
99 100

42 17.4 17.8 26.6#

71 37.7 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: 10.98 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

Tgt Ion: 136 Resp: 670738

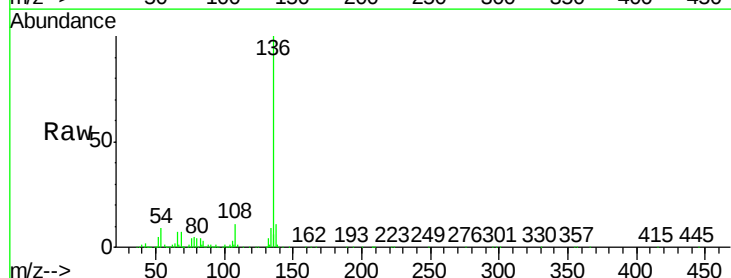
Ion Ratio Lower Upper

136 100

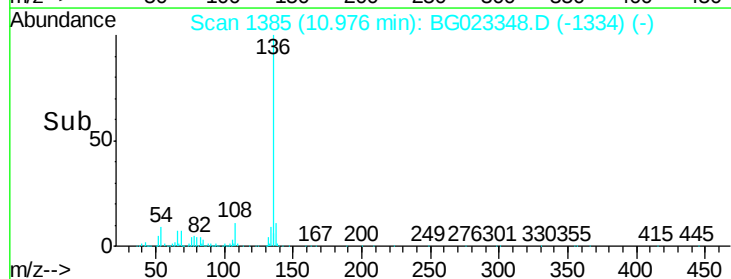
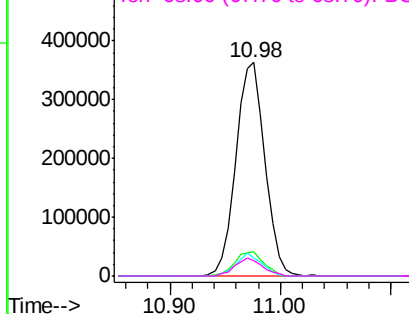
137 11.2 9.6 14.4

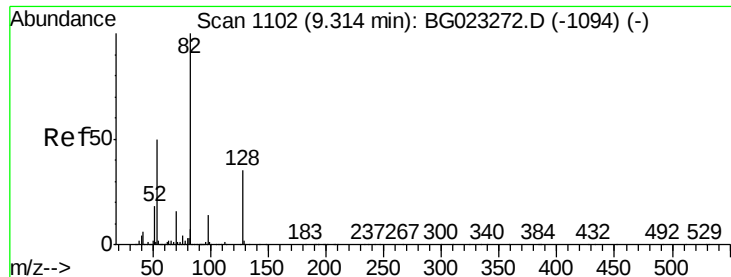
54 8.5 7.3 10.9

68 7.3 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

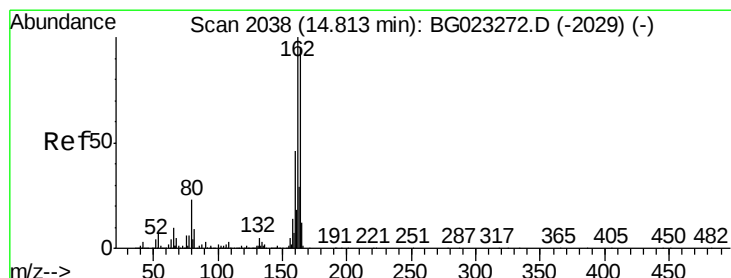
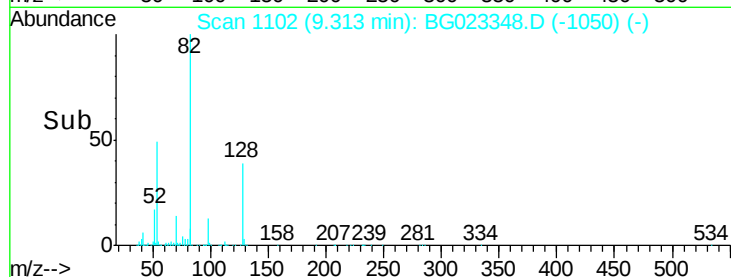
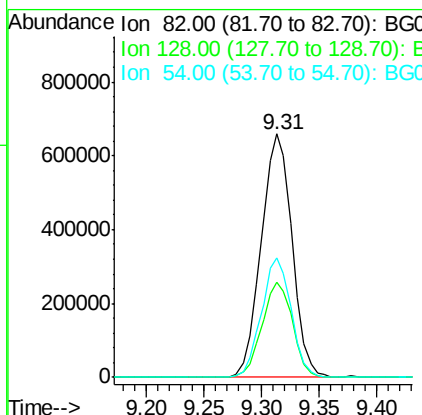
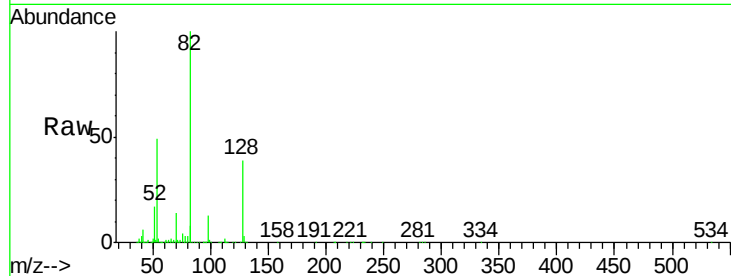




#23
 Nitrobenzene-d5
 Concen: 89.40 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

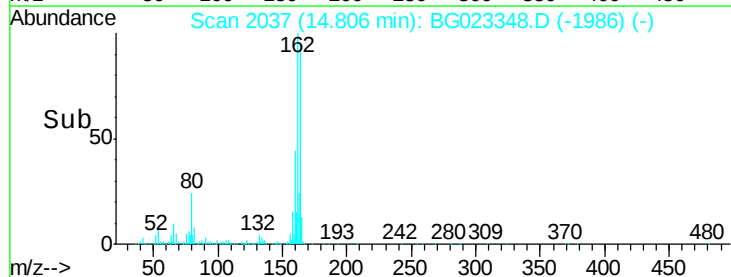
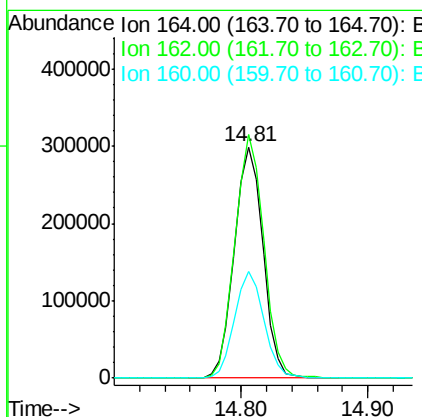
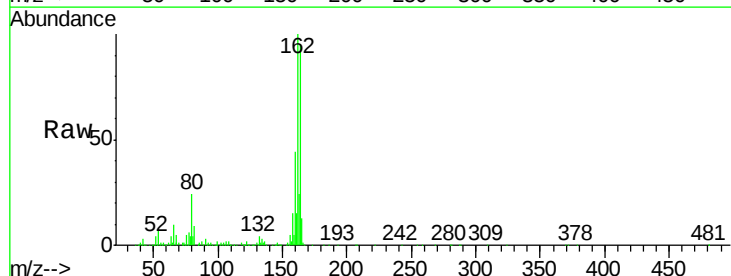
Instrument :
 BNA_G
 ClientSampleId :
 GW-35-6.0-15.0

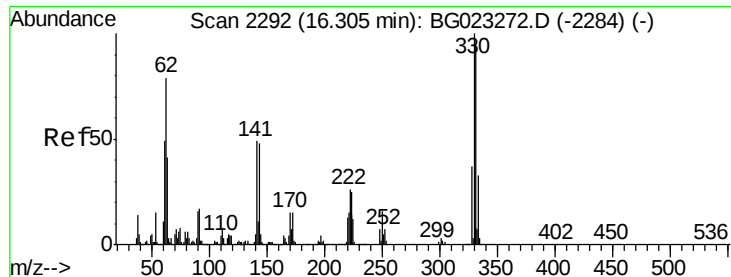
Tgt Ion: 82 Resp: 1226157
 Ion Ratio Lower Upper
 82 100
 128 39.2 24.4 36.6#
 54 48.9 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

Tgt Ion: 164 Resp: 467596
 Ion Ratio Lower Upper
 164 100
 162 105.3 87.7 131.5
 160 46.4 37.2 55.8

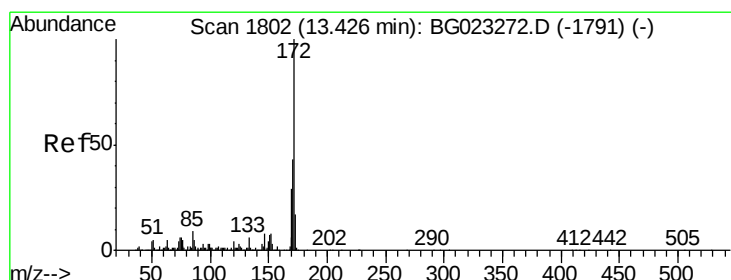
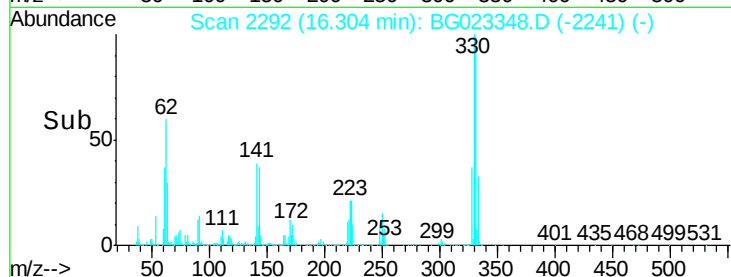
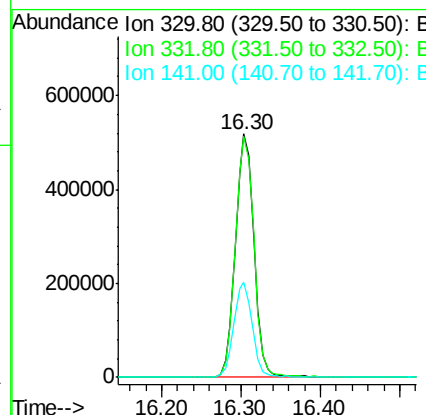
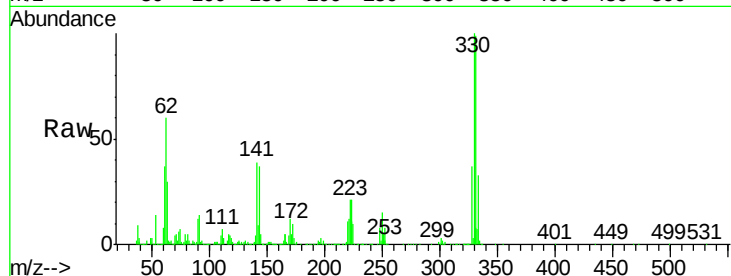




#41
 2,4,6-Tribromophenol
 Concen: 173.23 ng
 RT: 16.30 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

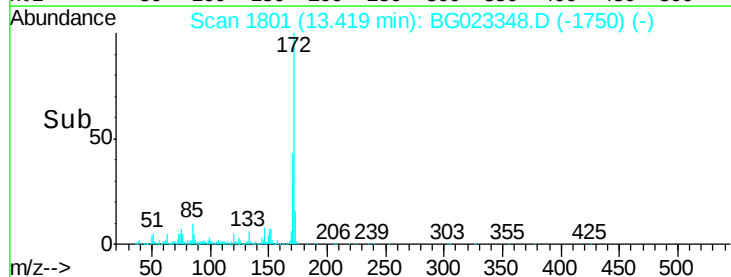
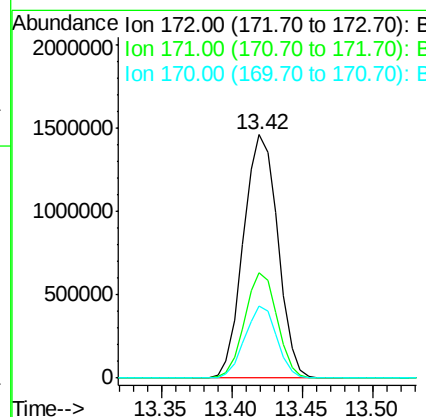
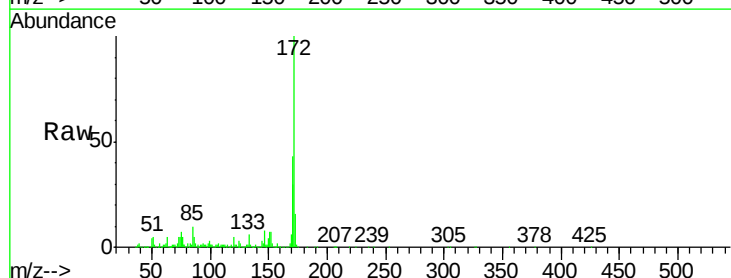
Instrument :
 BNA_G
 ClientSampleId :
 GW-35-6.0-15.0

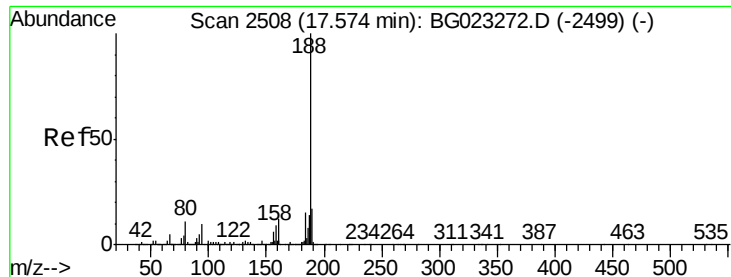
Tgt Ion:330 Resp: 838401
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.4 116.2
 141 38.7 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 99.80 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG023348.D
 Acq: 30 Jul 2016 00:34

Tgt Ion:172 Resp: 2493327
 Ion Ratio Lower Upper
 172 100
 171 43.3 31.6 47.4
 170 29.8 21.3 31.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

Instrument :

BNA_G

ClientSampleId :

GW-35-6.0-15.0

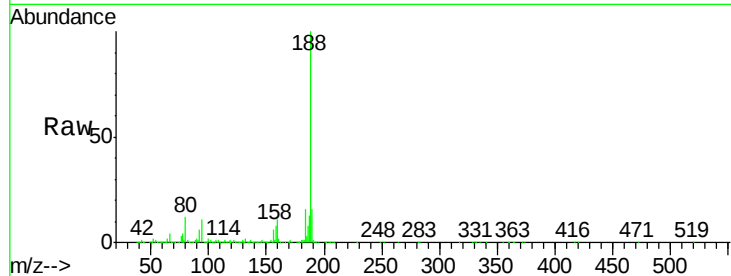
Tgt Ion:188 Resp: 1045753

Ion Ratio Lower Upper

188 100

94 10.9 5.2 7.8#

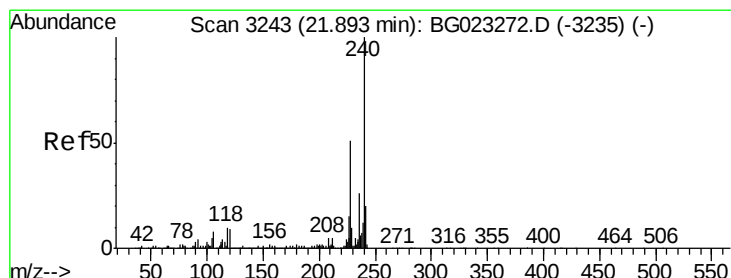
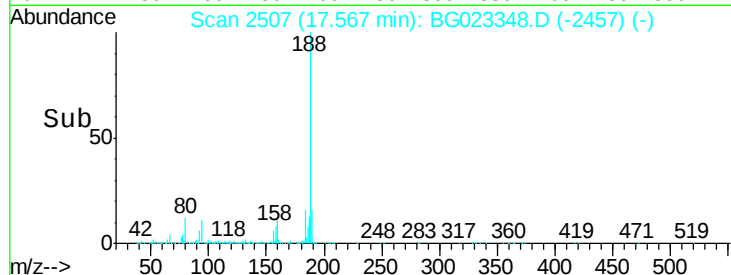
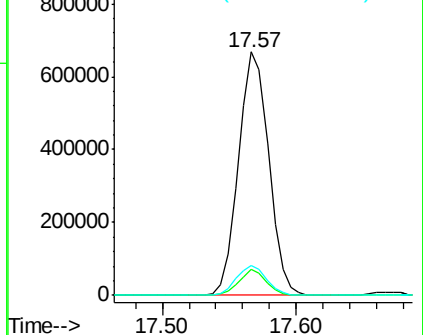
80 12.4 7.2 10.8#



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: BG023348.D

Acq: 30 Jul 2016 00:34

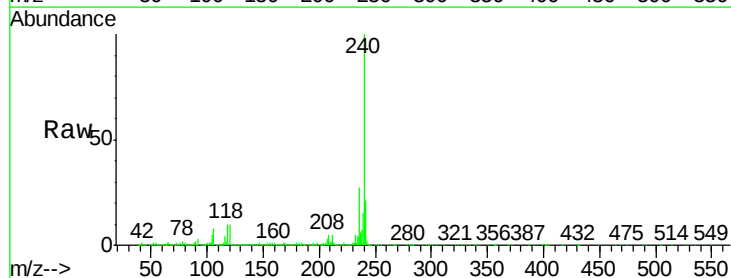
Tgt Ion:240 Resp: 1046352

Ion Ratio Lower Upper

240 100

120 10.2 4.1 6.1#

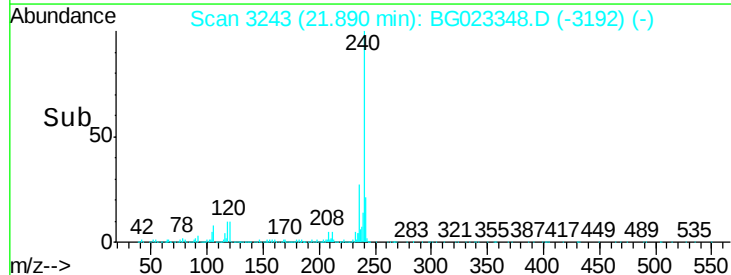
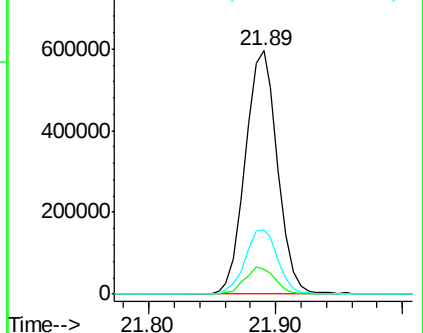
236 26.7 21.1 31.7

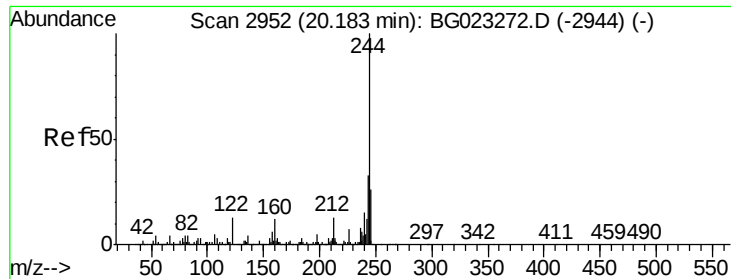


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.72 ng

RT: 20.17 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

Instrument :

BNA_G

ClientSampleId :

GW-35-6.0-15.0

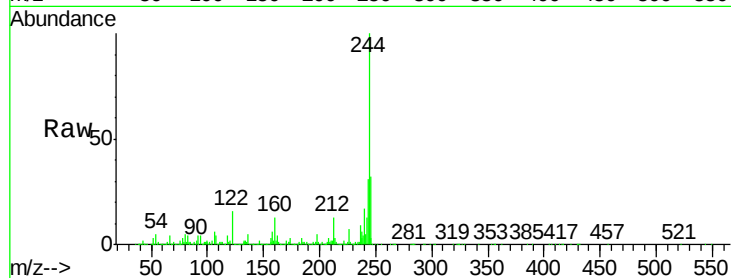
Tgt Ion:244 Resp: 2984461

Ion Ratio Lower Upper

244 100

212 13.2 10.8 16.2

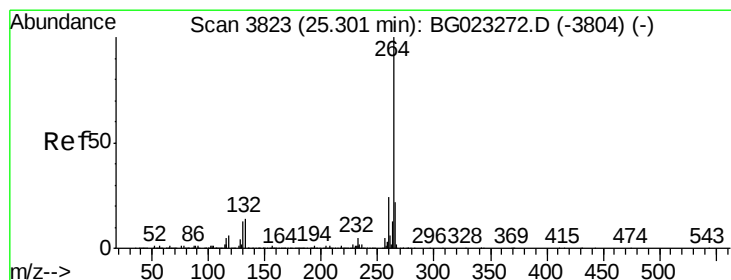
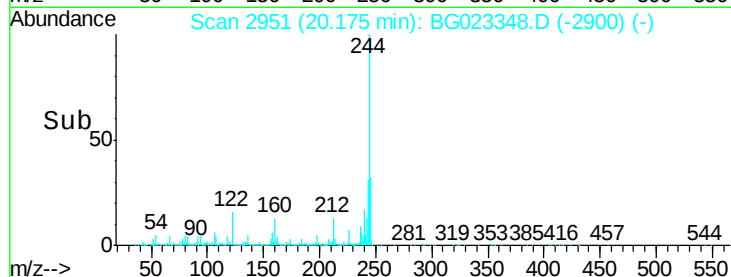
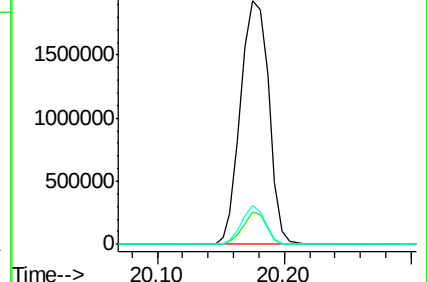
122 16.1 8.0 12.0#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.29 min Scan# 3822

Delta R.T. -0.01 min

Lab File: BG023348.D

Acq: 30 Jul 2016 00:34

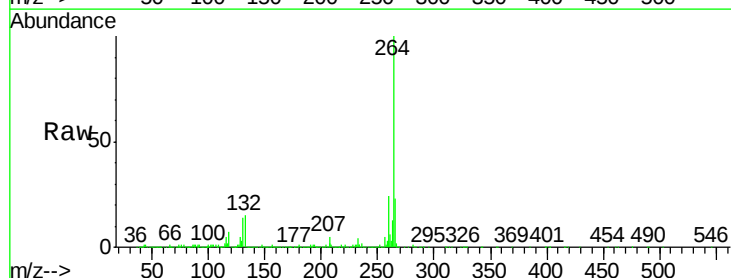
Tgt Ion:264 Resp: 1048933

Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 22.6 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

