

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
 Data File : BG023290.D
 Acq On : 27 Jul 2016 19:41
 Operator : UM/SJ
 Sample : H4152-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-19-7.0-15.0

Quant Time: Jul 28 02:31:48 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	190248	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	850353	20.00	ng	0.00
38) Acenaphthene-d10	14.81	164	518045	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1191838	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1142960	20.00	ng	0.00
86) Perylene-d12	25.30	264	1164301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	997468	89.51	ng	0.00
7) Phenol-d6	7.29	99	1045887	61.13	ng	0.00
23) Nitrobenzene-d5	9.31	82	1598272	91.91	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	905872	168.95	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2874885	103.86	ng	0.00
78) Terphenyl-d14	20.18	244	3172334	90.22	ng	0.00

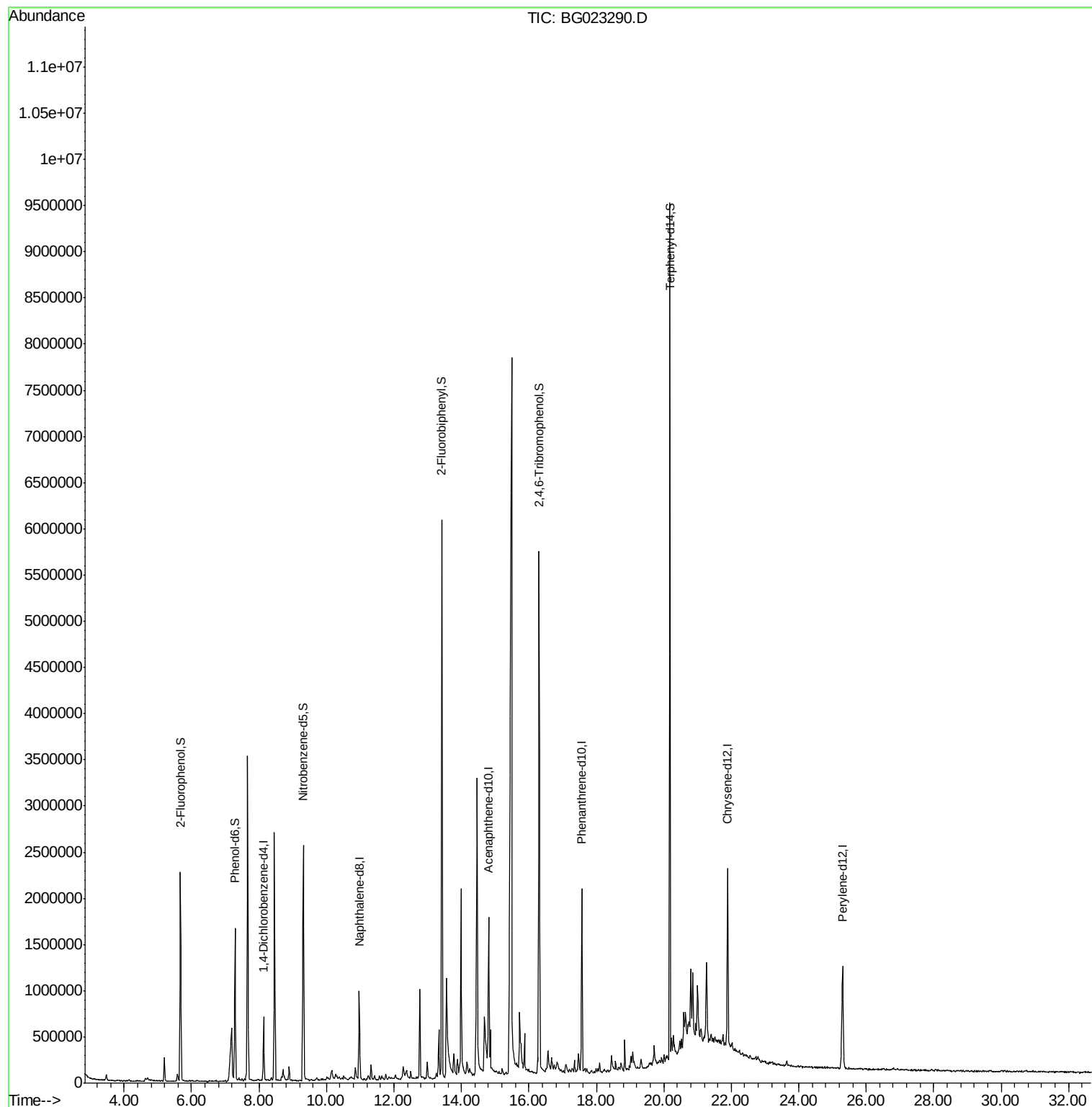
Target Compounds Qvalue

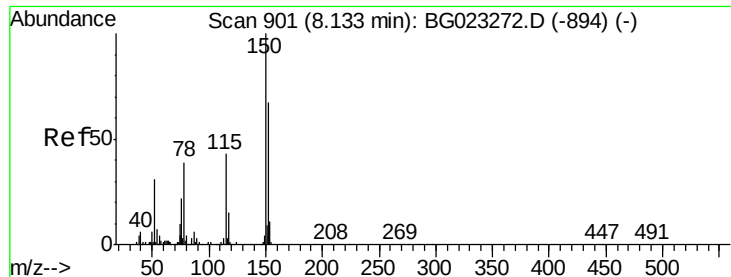
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023290.D

Acq: 27 Jul 2016 19:41

Instrument :

BNA_G

ClientSampleId :

GW-19-7.0-15.0

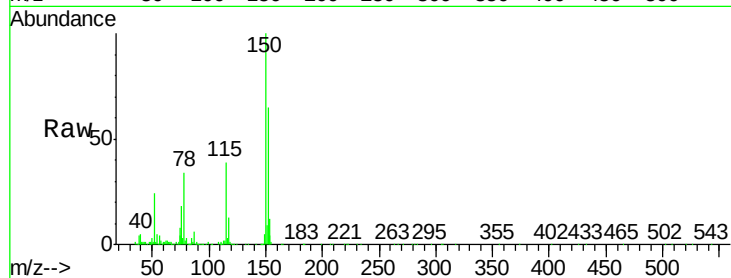
Tot Ion:152 Resp: 190248

Ion Ratio Lower Upper

152 100

150 154.4 144.7 217.1

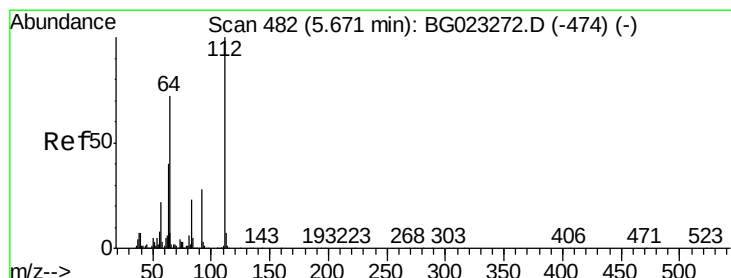
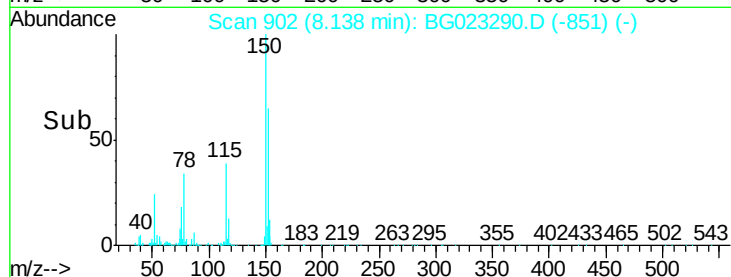
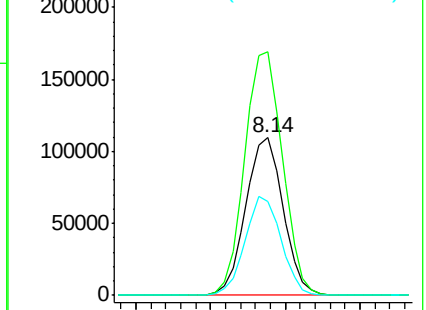
115 59.5 64.0 96.0#



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: 89.51 ng

RT: 5.67 min Scan# 482

Delta R.T. -0.00 min

Lab File: BG023290.D

Acq: 27 Jul 2016 19:41

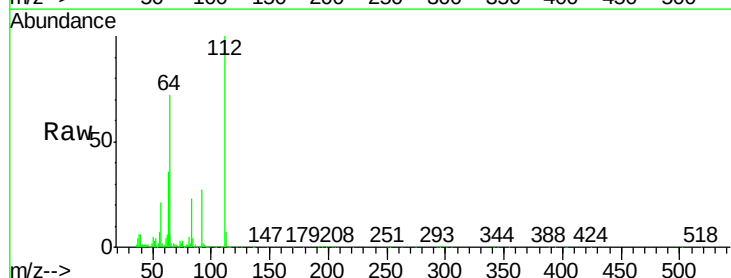
Tgt Ion:112 Resp: 997468

Ion Ratio Lower Upper

112 100

64 72.0 59.0 88.4

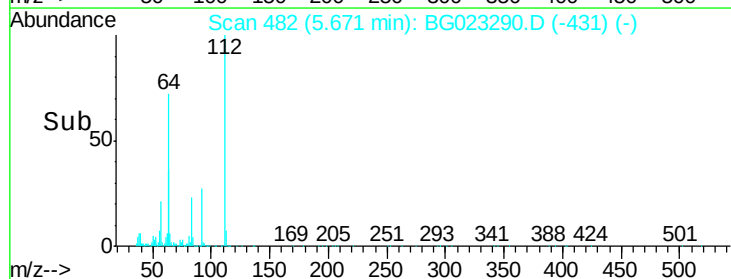
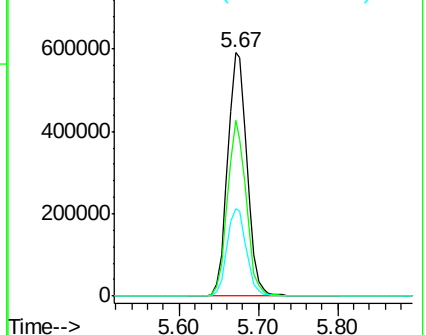
63 35.9 37.8 56.8#

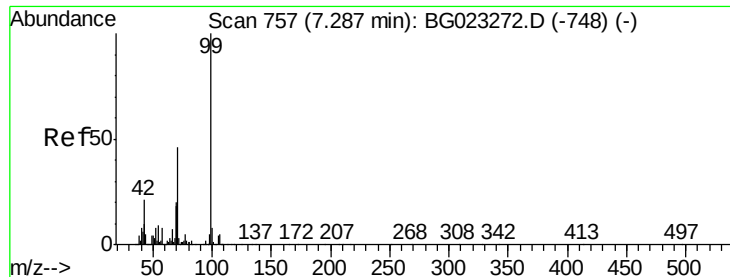


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 61.13 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG023290.D

Acq: 27 Jul 2016 19:41

Instrument :

BNA_G

ClientSampleId :

GW-19-7.0-15.0

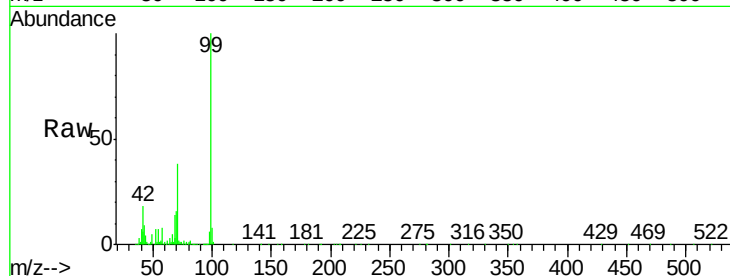
Tot Ion: 99 Resp: 1045887

Ion Ratio Lower Upper

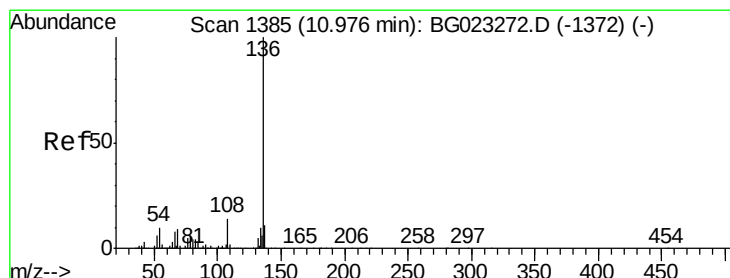
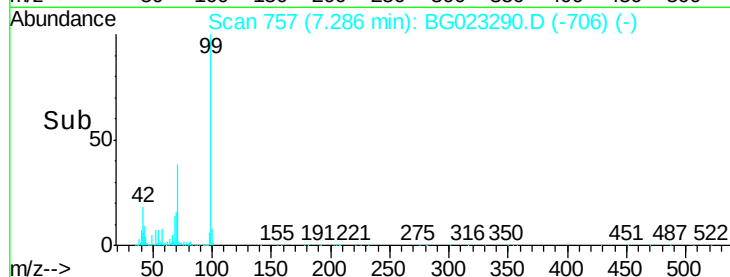
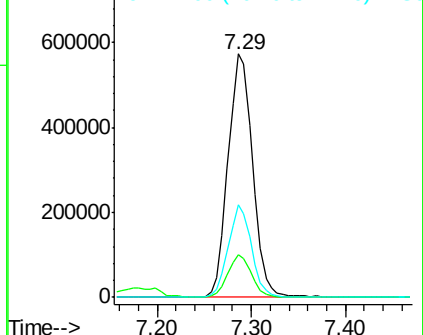
99 100

42 17.7 17.8 26.6#

71 38.0 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: BG023290.D

Acq: 27 Jul 2016 19:41

Tgt Ion: 136 Resp: 850353

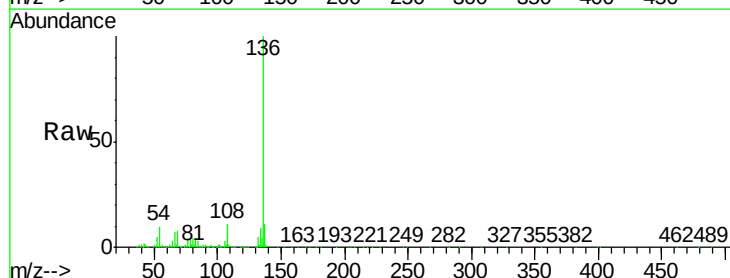
Ion Ratio Lower Upper

136 100

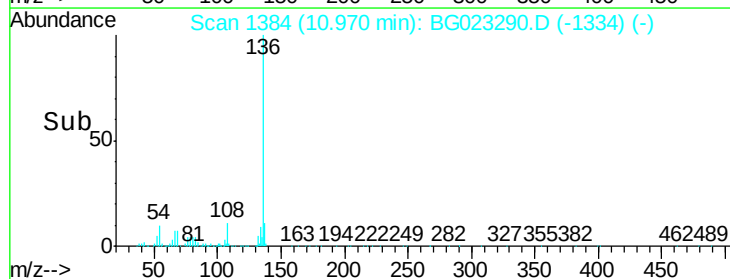
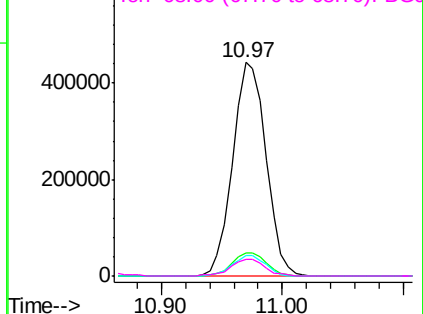
137 10.8 9.6 14.4

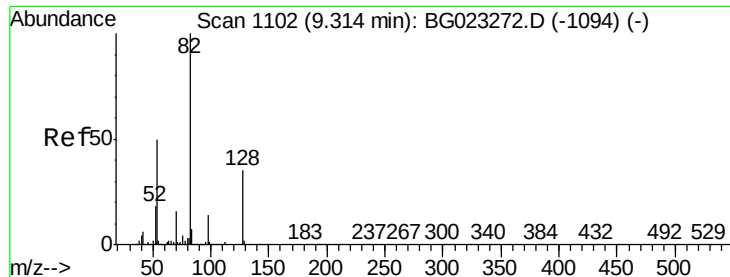
54 9.6 7.3 10.9

68 7.6 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

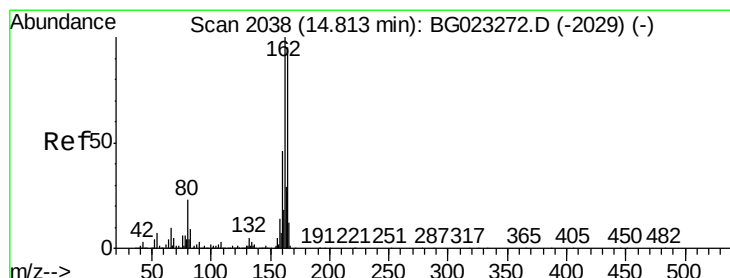
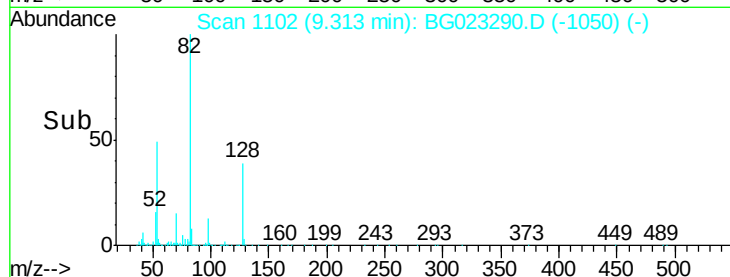
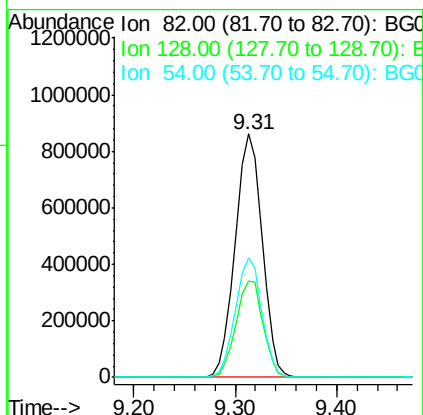
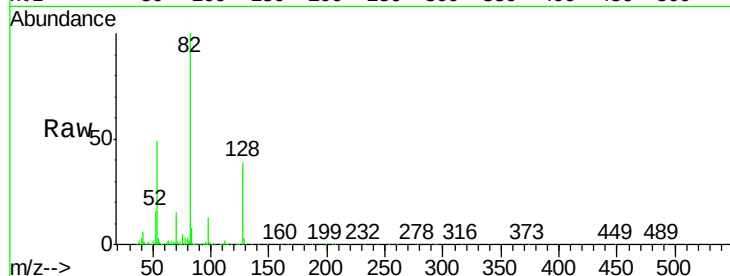




#23
 Nitrobenzene-d5
 Concen: 91.91 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023290.D
 Acq: 27 Jul 2016 19:41

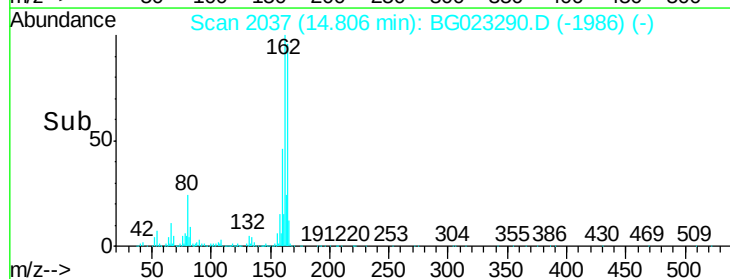
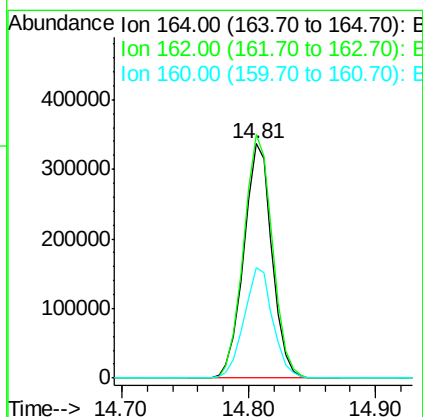
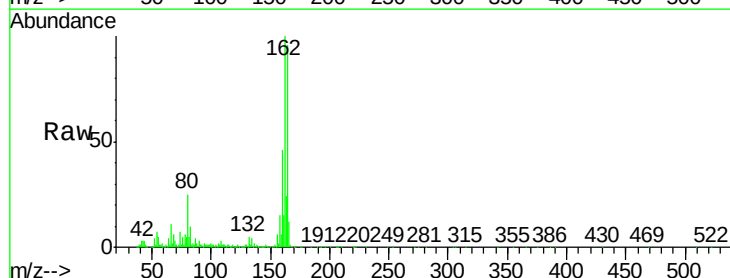
Instrument :
 BNA_G
 ClientSampleId :
 GW-19-7.0-15.0

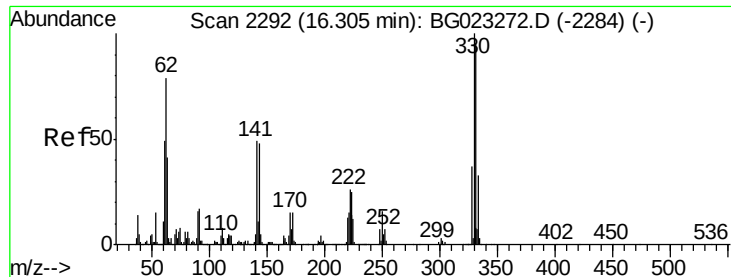
Tot Ion: 82 Resp: 1598272
 Ion Ratio Lower Upper
 82 100
 128 39.4 24.4 36.6#
 54 49.2 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BG023290.D
 Acq: 27 Jul 2016 19:41

Tgt Ion:164 Resp: 518045
 Ion Ratio Lower Upper
 164 100
 162 103.9 87.7 131.5
 160 47.4 37.2 55.8

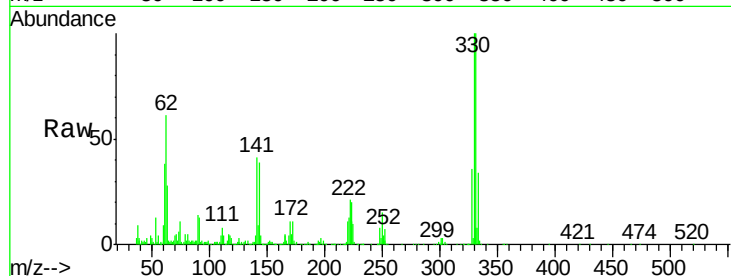




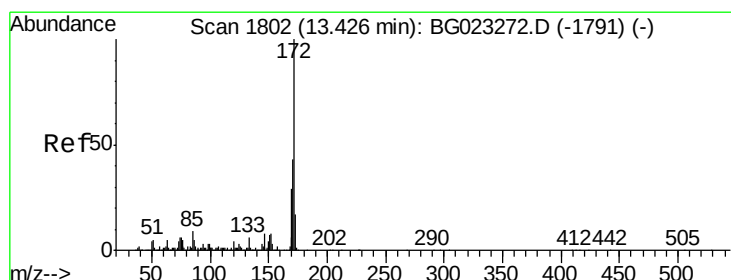
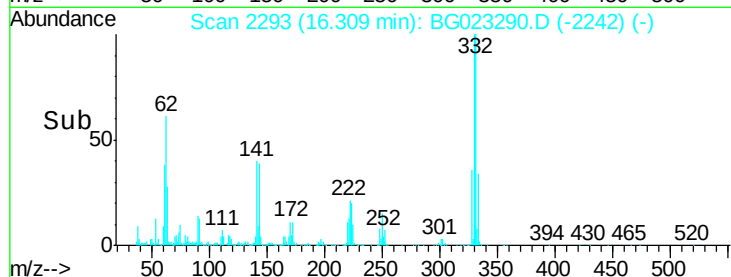
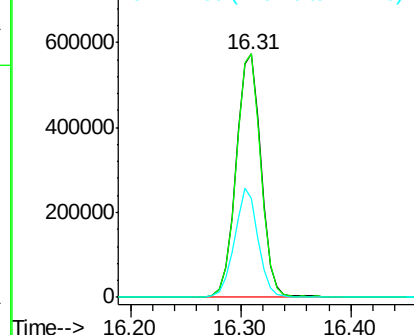
#41
2,4,6-Tribromophenol
Concen: 168.95 ng
RT: 16.31 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BG023290.D
Acq: 27 Jul 2016 19:41

Instrument :
BNA_G
ClientSampleId :
GW-19-7.0-15.0

Tot Ion:330 Resp: 905872
Ion Ratio Lower Upper
330 100
332 99.2 77.4 116.2
141 42.4 31.7 47.5

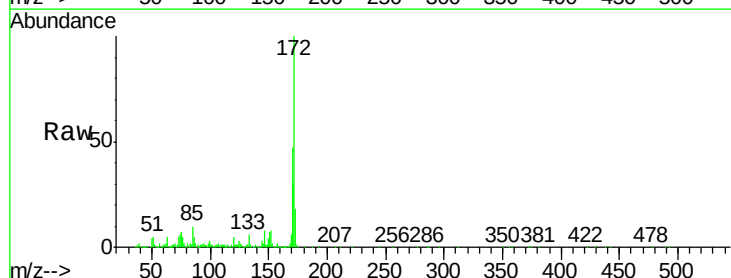


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

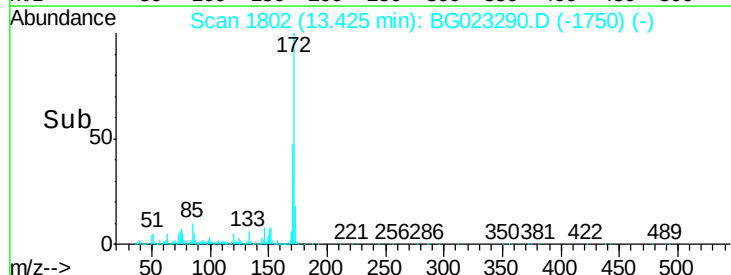
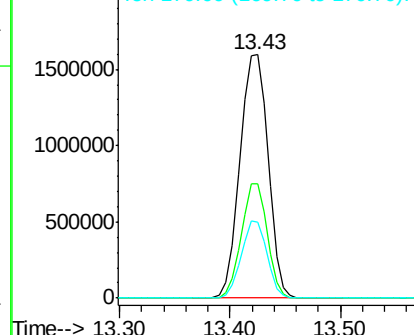


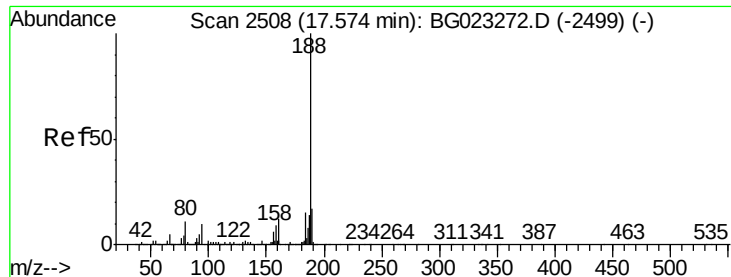
#44
2-Fluorobiphenyl
Concen: 103.86 ng
RT: 13.43 min Scan# 1802
Delta R.T. 0.00 min
Lab File: BG023290.D
Acq: 27 Jul 2016 19:41

Tgt Ion:172 Resp: 2874885
Ion Ratio Lower Upper
172 100
171 46.7 31.6 47.4
170 31.2 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023290.D

Acq: 27 Jul 2016 19:41

Instrument :

BNA_G

ClientSampleId :

GW-19-7.0-15.0

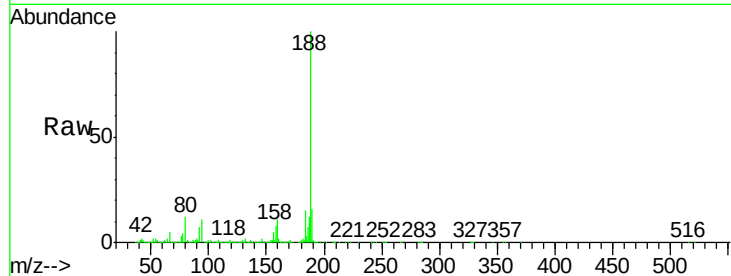
Tot Ion:188 Resp: 1191838

Ion Ratio Lower Upper

188 100

94 10.6 5.2 7.8#

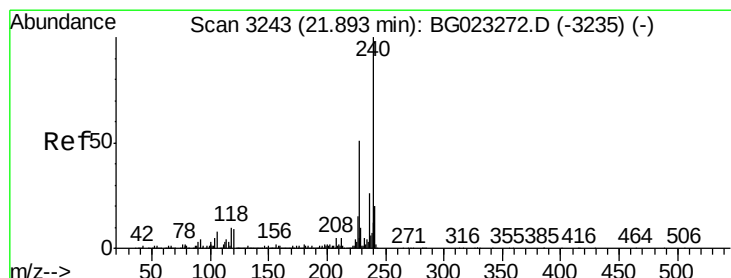
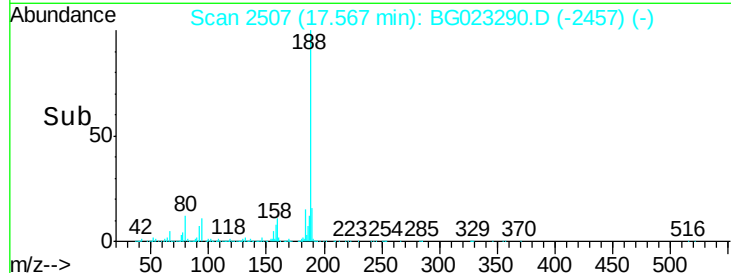
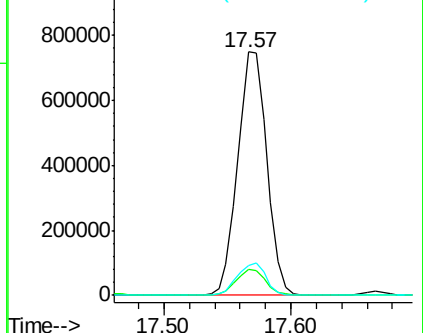
80 12.1 7.2 10.8#



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: BG023290.D

Acq: 27 Jul 2016 19:41

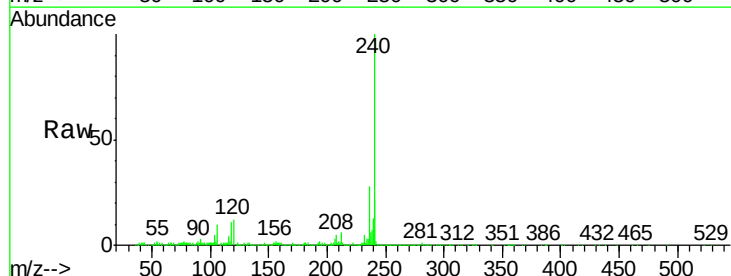
Tgt Ion:240 Resp: 1142960

Ion Ratio Lower Upper

240 100

120 11.8 4.1 6.1#

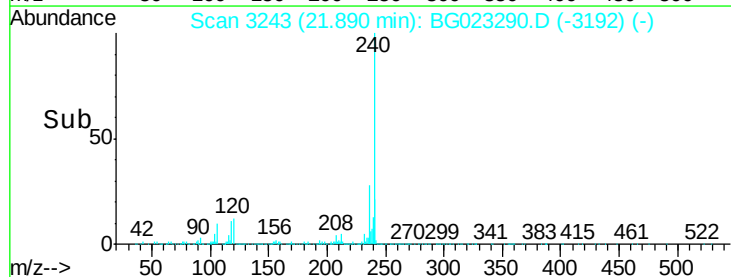
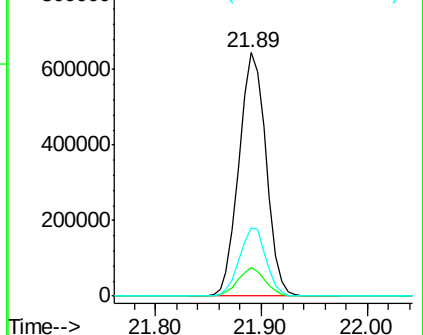
236 28.0 21.1 31.7

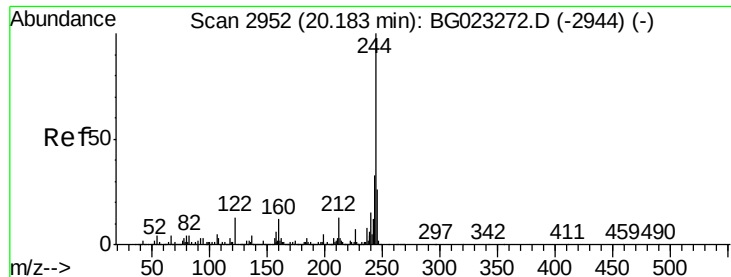


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.22 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023290.D

Acq: 27 Jul 2016 19:41

Instrument :

BNA_G

ClientSampleId :

GW-19-7.0-15.0

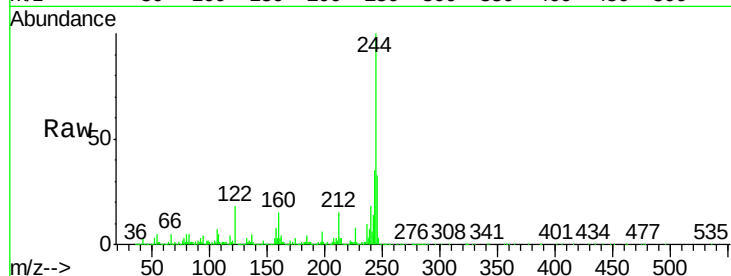
Tot Ion:244 Resp: 3172334

Ion Ratio Lower Upper

244 100

212 15.4 10.8 16.2

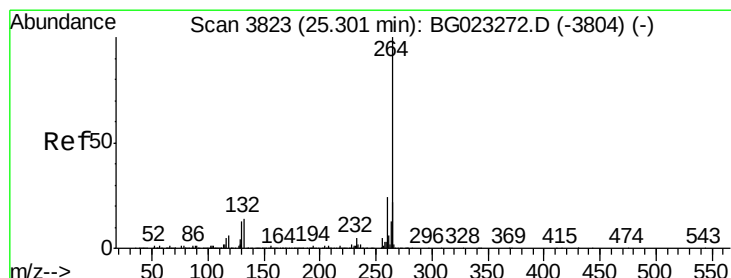
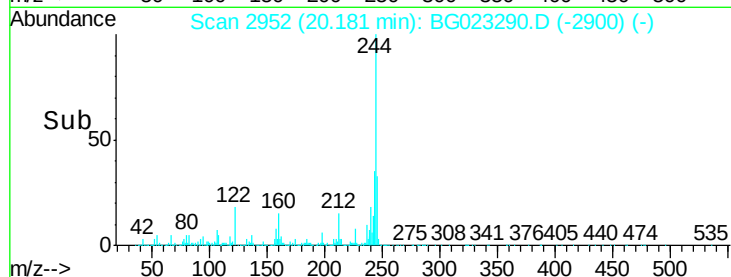
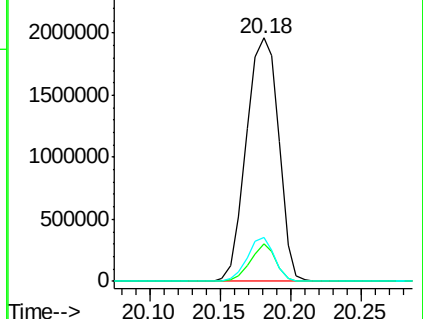
122 17.9 8.0 12.0#



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: 25.30 min Scan# 3823

Delta R.T. -0.01 min

Lab File: BG023290.D

Acq: 27 Jul 2016 19:41

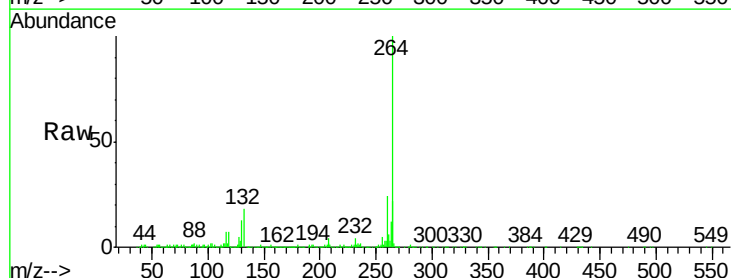
Tgt Ion:264 Resp: 1164301

Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.1 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

