

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
 Data File : BG023360.D
 Acq On : 30 Jul 2016 16:48
 Operator : UM/SJ
 Sample : H4176-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-22-14.5-15.0

Quant Time: Aug 01 05:54:16 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	253332	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	1020536	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	514604	20.00	ng	0.01
63) Phenanthrene-d10	17.58	188	840077	20.00	ng	0.01
75) Chrysene-d12	21.90	240	936767	20.00	ng	0.01
86) Perylene-d12	25.31	264	1003305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1249422	84.20	ng	0.00
7) Phenol-d6	7.29	99	1448079	63.56	ng	0.00
23) Nitrobenzene-d5	9.32	82	1891616	90.64	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	805483	151.23	ng	0.01
44) 2-Fluorobiphenyl	13.44	172	2726379	99.16	ng	0.01
78) Terphenyl-d14	20.18	244	2558167	88.77	ng	0.00

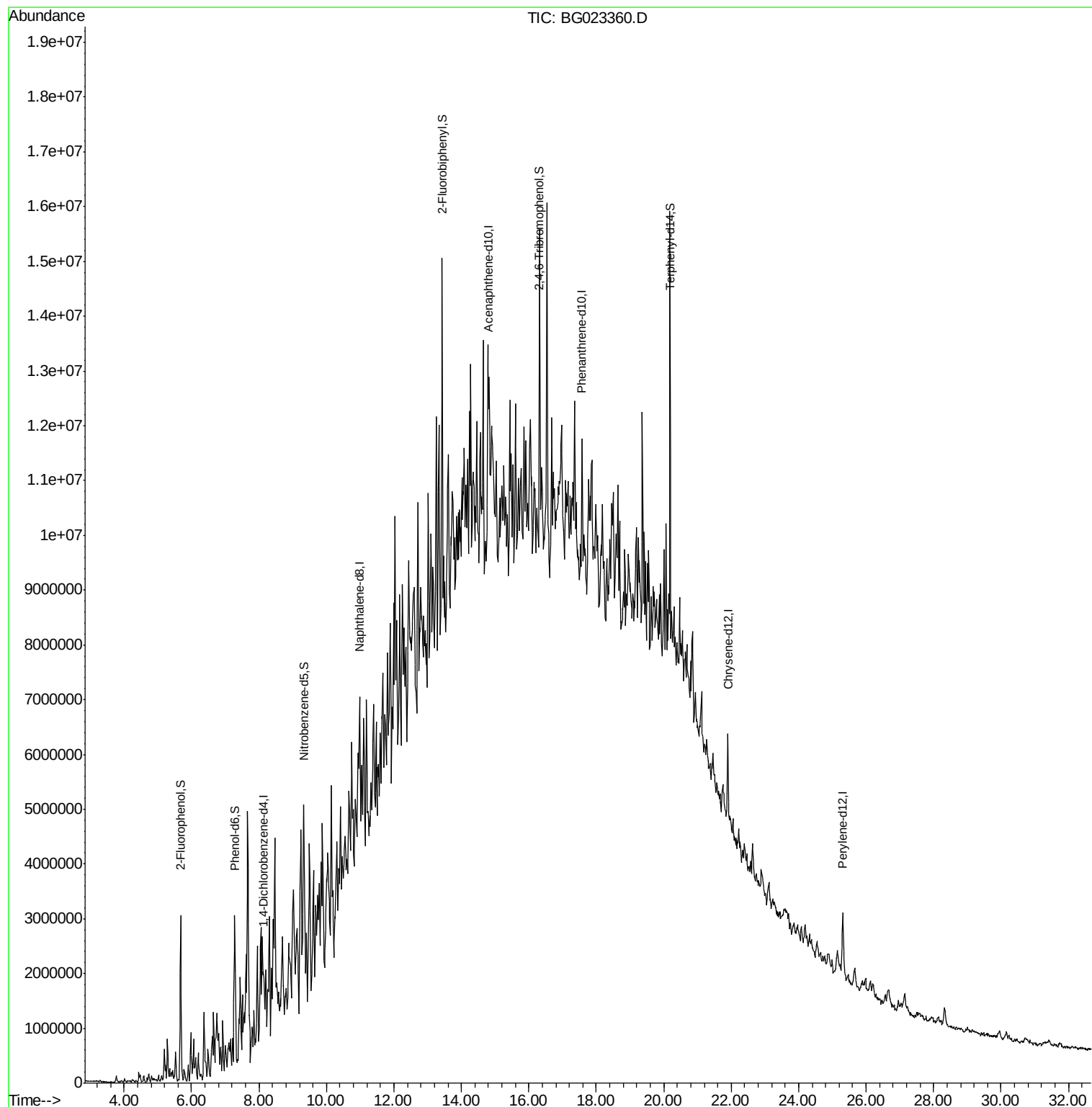
Target Compounds	Qvalue
------------------	--------

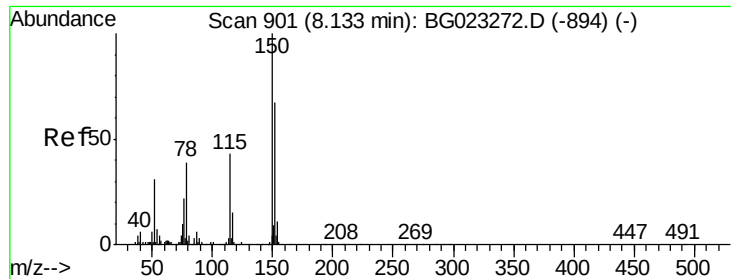
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023360.D
Acq On : 30 Jul 2016 16:48
Operator : UM/SJ
Sample : H4176-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GW-22-14.5-15.0

Quant Time: Aug 01 05:54:16 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.14 min Scan# 902

Delta R.T. -0.00 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

GW-22-14.5-15.0

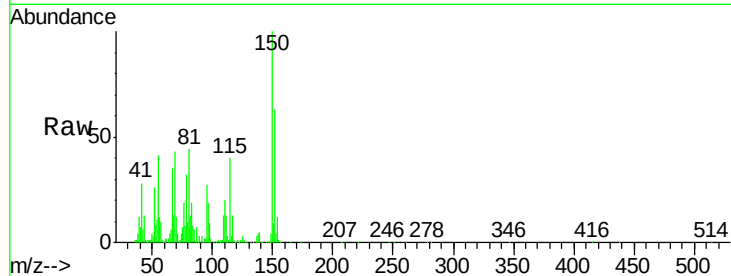
Tgt Ion:152 Resp: 253332

Ion Ratio Lower Upper

152 100

150 158.6 144.7 217.1

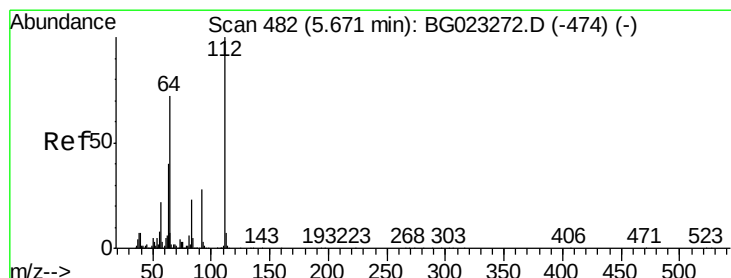
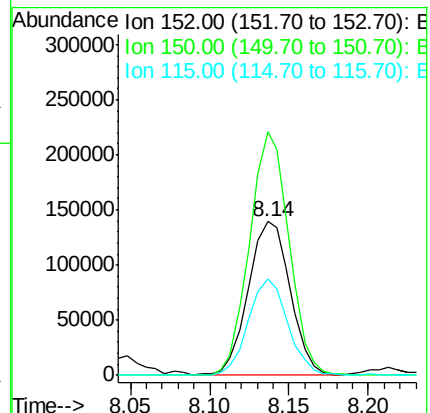
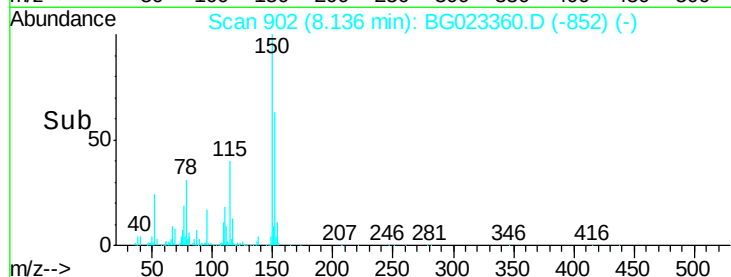
115 63.1 64.0 96.0#



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: 84.20 ng

RT: 5.67 min Scan# 483

Delta R.T. 0.00 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

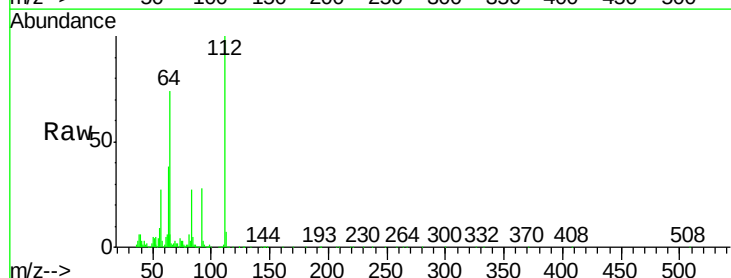
Tgt Ion:112 Resp: 1249422

Ion Ratio Lower Upper

112 100

64 73.8 59.0 88.4

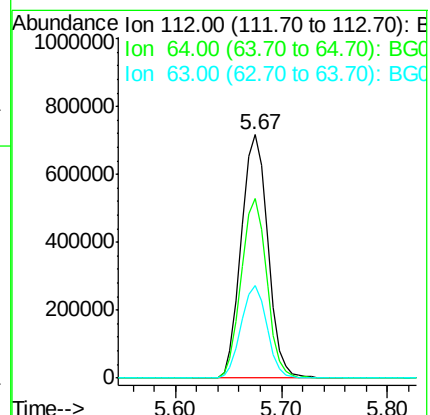
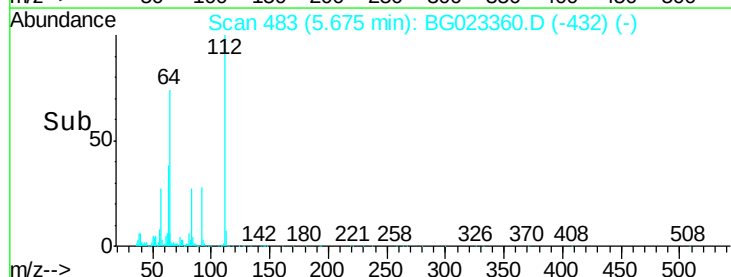
63 37.9 37.8 56.8

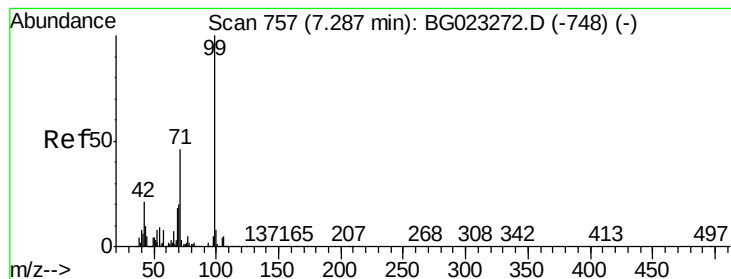


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 63.56 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

GW-22-14.5-15.0

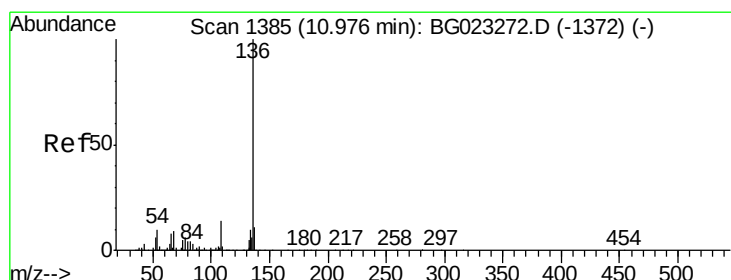
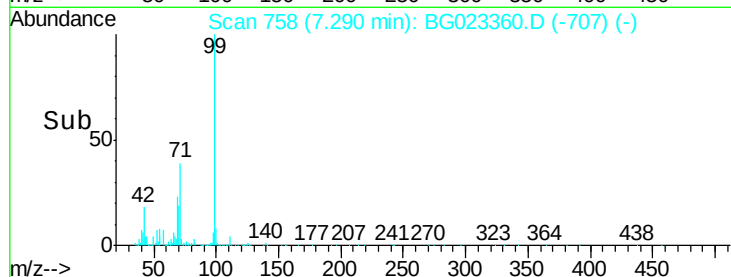
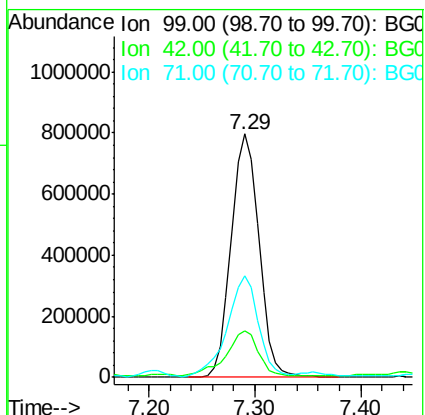
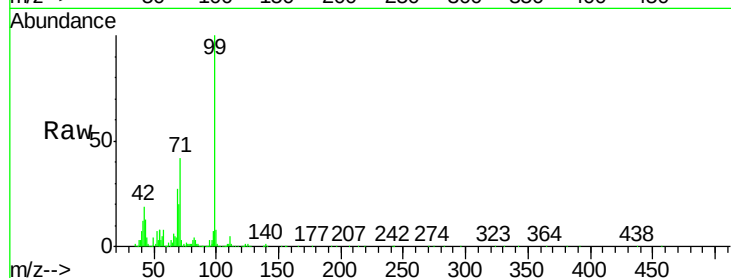
Tgt Ion: 99 Resp: 1448079

Ion Ratio Lower Upper

99 100

42 19.2 17.8 26.6

71 41.6 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

Tgt Ion: 136 Resp: 1020536

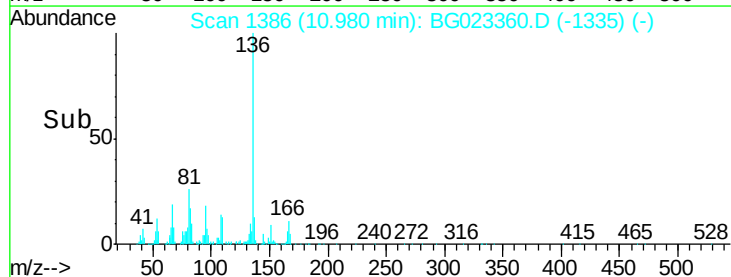
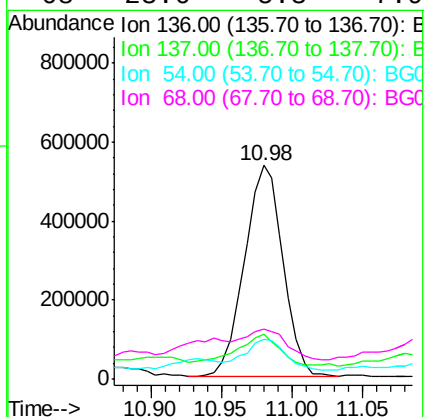
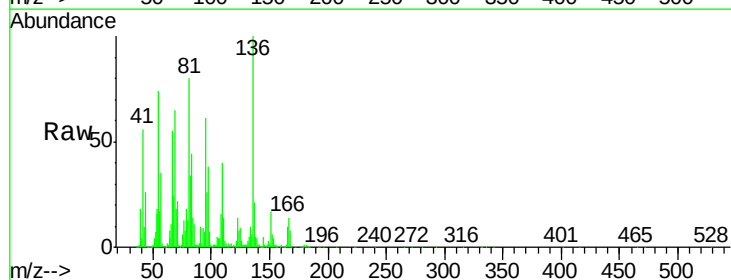
Ion Ratio Lower Upper

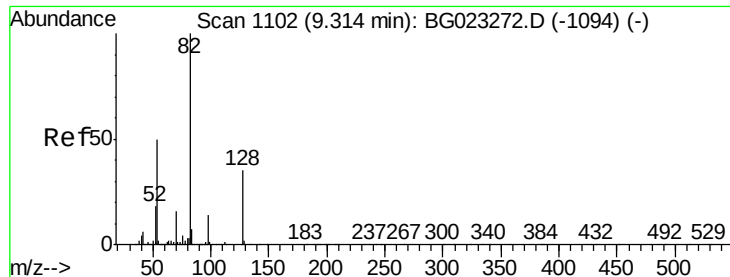
136 100

137 20.7 9.6 14.4#

54 18.3 7.3 10.9#

68 23.6 5.3 7.9#

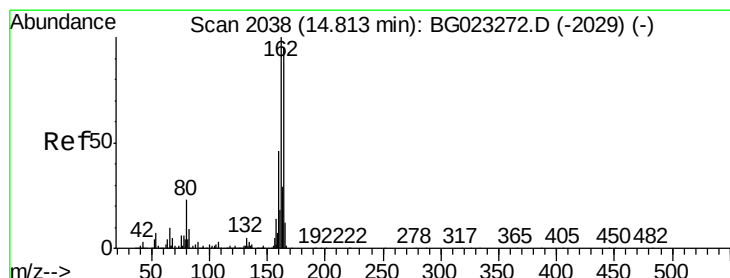
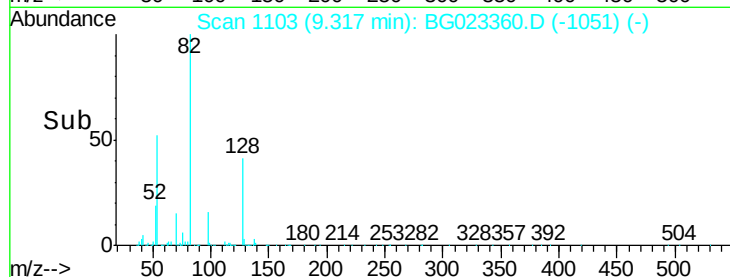
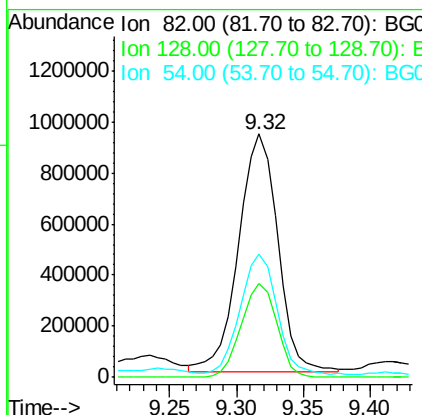
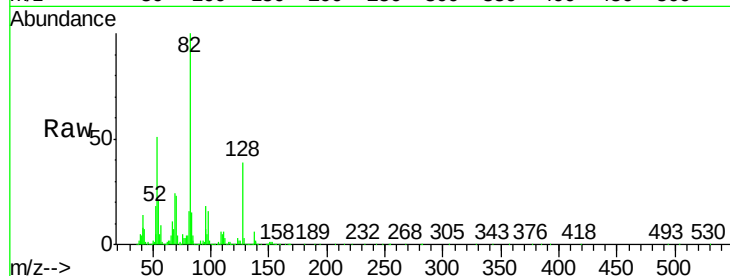




#23
 Nitrobenzene-d5
 Concen: 90.64 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BG023360.D
 Acq: 30 Jul 2016 16:48

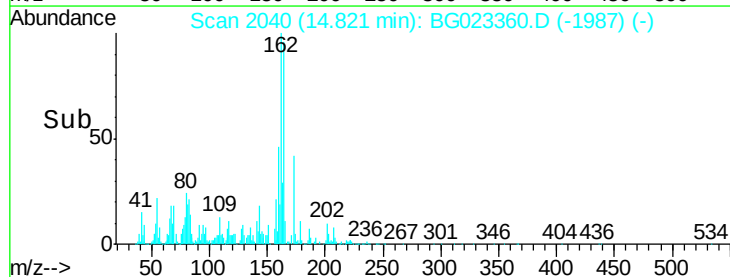
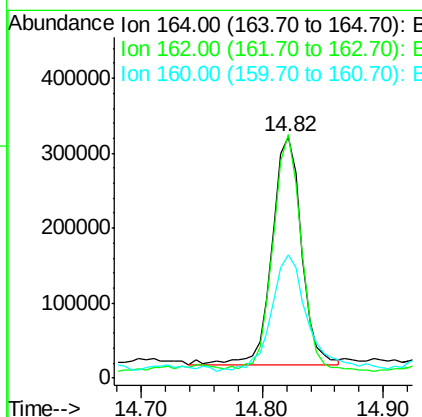
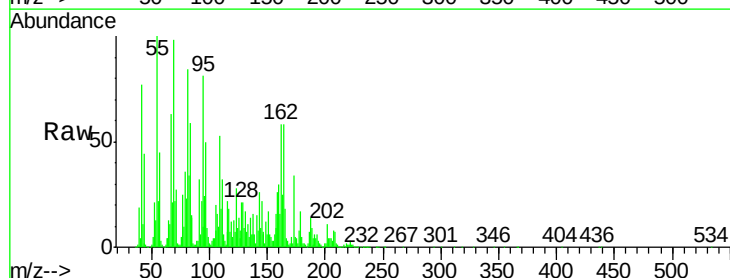
Instrument :
 BNA_G
 ClientSampleId :
 GW-22-14.5-15.0

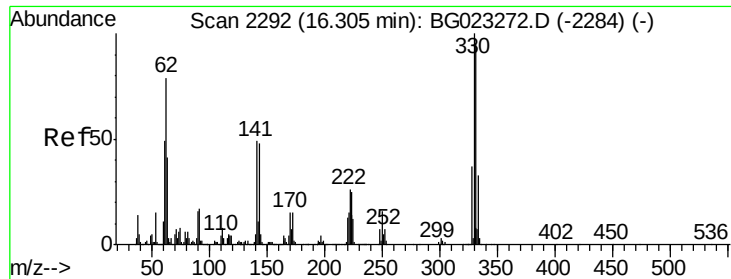
Tgt Ion: 82 Resp: 1891616
 Ion Ratio Lower Upper
 82 100
 128 38.5 24.4 36.6#
 54 50.9 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BG023360.D
 Acq: 30 Jul 2016 16:48

Tgt Ion: 164 Resp: 514604
 Ion Ratio Lower Upper
 164 100
 162 100.9 87.7 131.5
 160 51.2 37.2 55.8

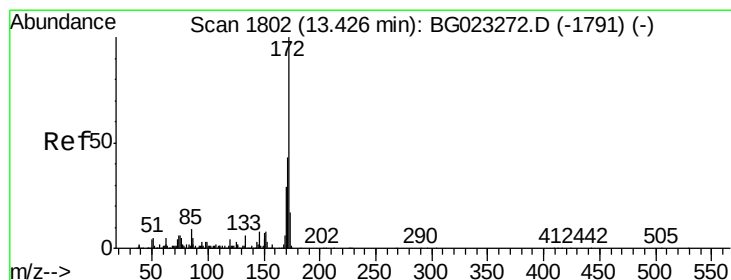
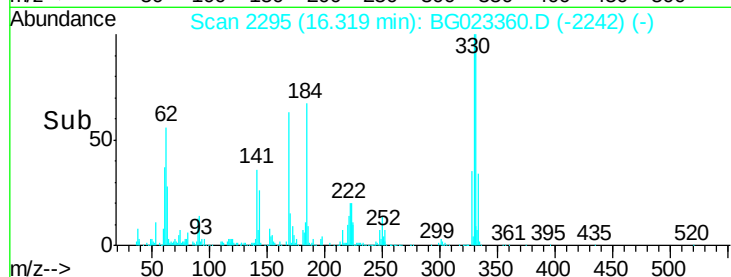
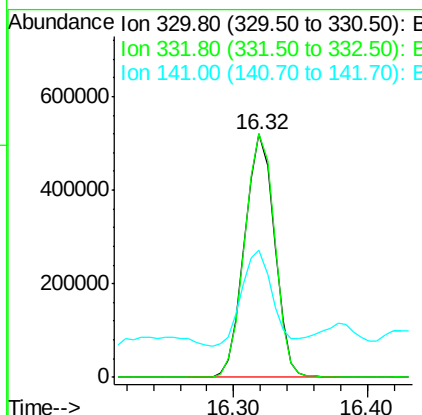
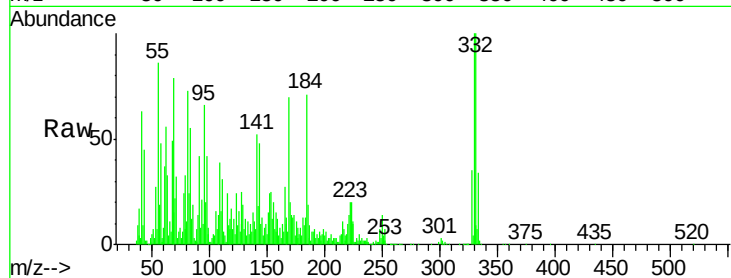




#41
 2,4,6-Tribromophenol
 Concen: 151.23 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. 0.01 min
 Lab File: BG023360.D
 Acq: 30 Jul 2016 16:48

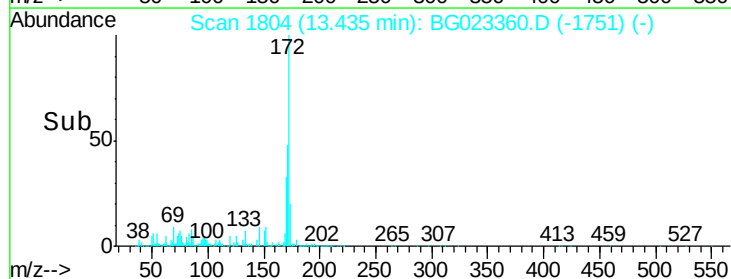
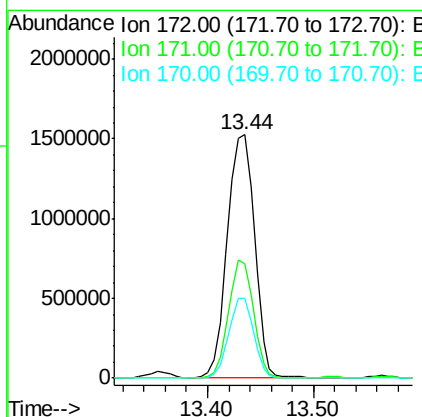
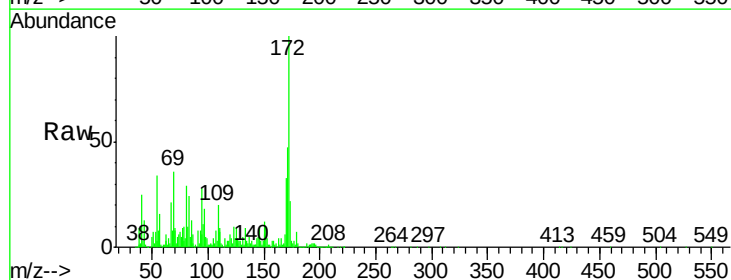
Instrument :
 BNA_G
 ClientSampleId :
 GW-22-14.5-15.0

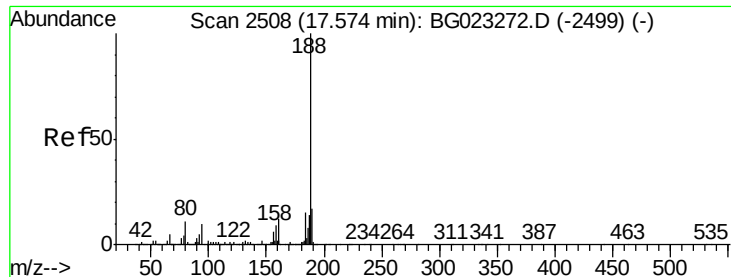
Tgt Ion:330 Resp: 805483
 Ion Ratio Lower Upper
 330 100
 332 100.5 77.4 116.2
 141 40.2 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 99.16 ng
 RT: 13.44 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BG023360.D
 Acq: 30 Jul 2016 16:48

Tgt Ion:172 Resp: 2726379
 Ion Ratio Lower Upper
 172 100
 171 46.9 31.6 47.4
 170 32.7 21.3 31.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. 0.01 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

GW-22-14.5-15.0

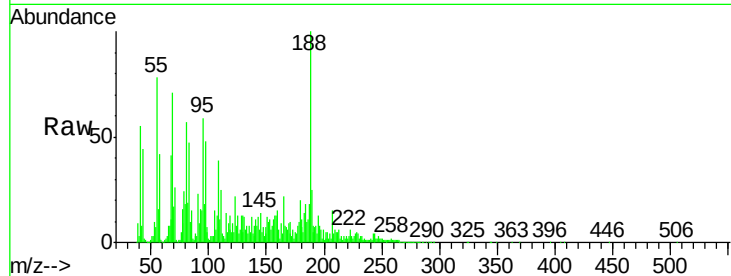
Tgt Ion:188 Resp: 840077

Ion Ratio Lower Upper

188 100

94 15.5 5.2 7.8#

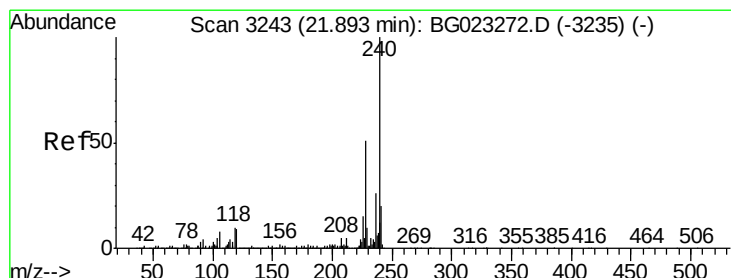
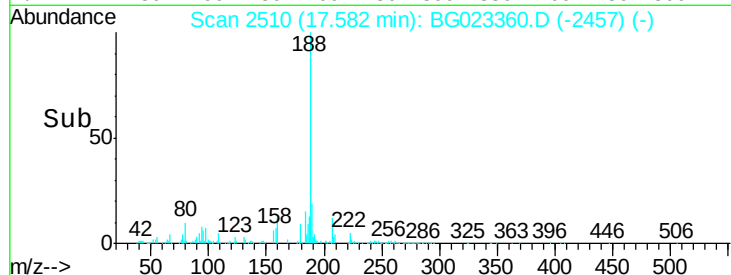
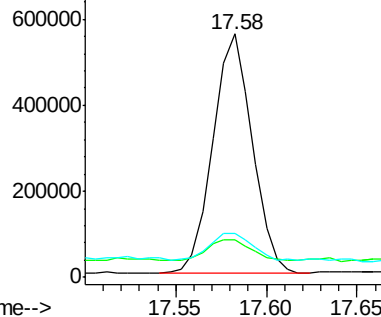
80 18.1 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3245

Delta R.T. 0.01 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

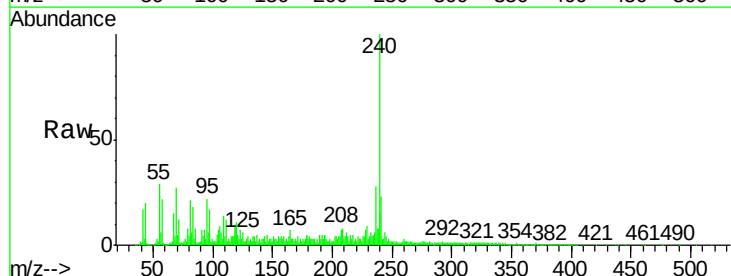
Tgt Ion:240 Resp: 936767

Ion Ratio Lower Upper

240 100

120 10.7 4.1 6.1#

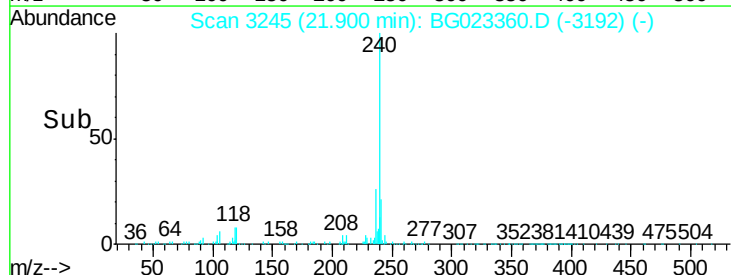
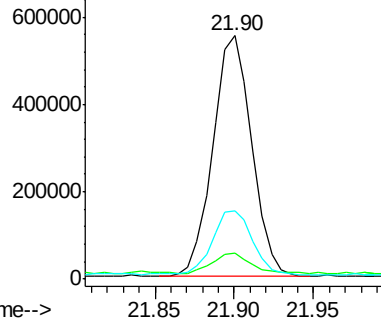
236 27.9 21.1 31.7

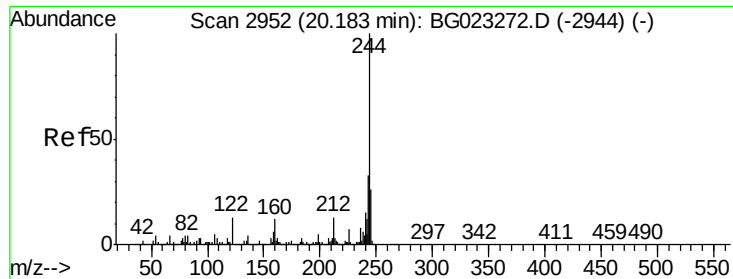


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.77 ng

RT: 20.18 min Scan# 2953

Delta R.T. 0.01 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

Instrument :

BNA_G

ClientSampleId :

GW-22-14.5-15.0

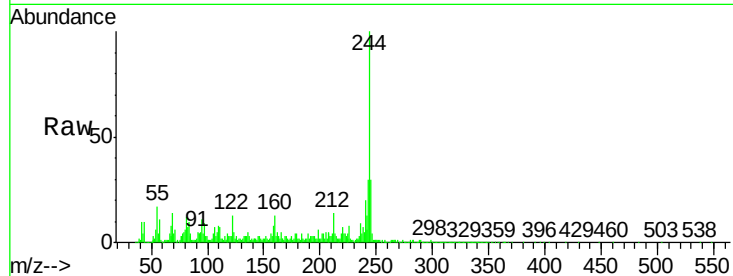
Tgt Ion:244 Resp: 2558167

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

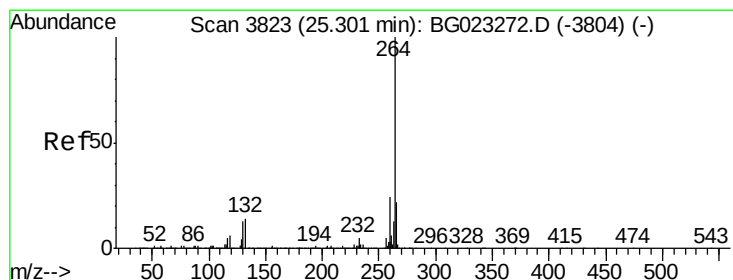
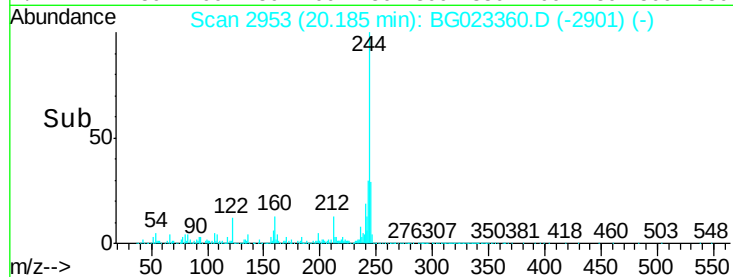
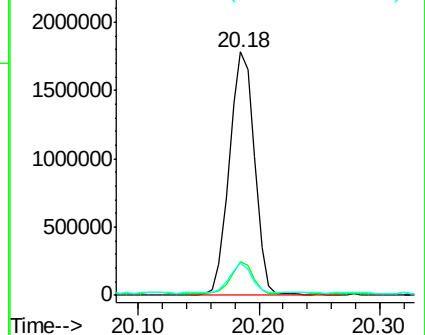
122 13.4 8.0 12.0#



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: 25.31 min Scan# 3825

Delta R.T. 0.00 min

Lab File: BG023360.D

Acq: 30 Jul 2016 16:48

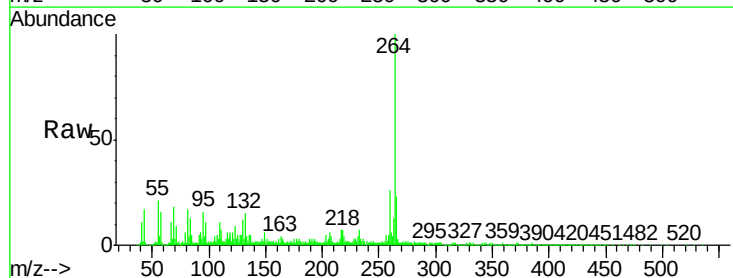
Tgt Ion:264 Resp: 1003305

Ion Ratio Lower Upper

264 100

260 26.0 18.4 27.6

265 22.7 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

