

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073016\
 Data File : BG023344.D
 Acq On : 29 Jul 2016 21:51
 Operator : UM/SJ
 Sample : H4176-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-28-6.3-15.0

Quant Time: Jul 30 01:28:08 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	146000	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	665584	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	473358	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	1082746	20.00	ng	0.00
75) Chrysene-d12	21.89	240	1098050	20.00	ng	0.00
86) Perylene-d12	25.30	264	1113726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	597112	69.82	ng	0.00
7) Phenol-d6	7.29	99	667218	50.82	ng	0.00
23) Nitrobenzene-d5	9.32	82	1166964	85.74	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	561524	114.61	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2410198	95.30	ng	0.00
78) Terphenyl-d14	20.18	244	2970433	87.94	ng	0.00

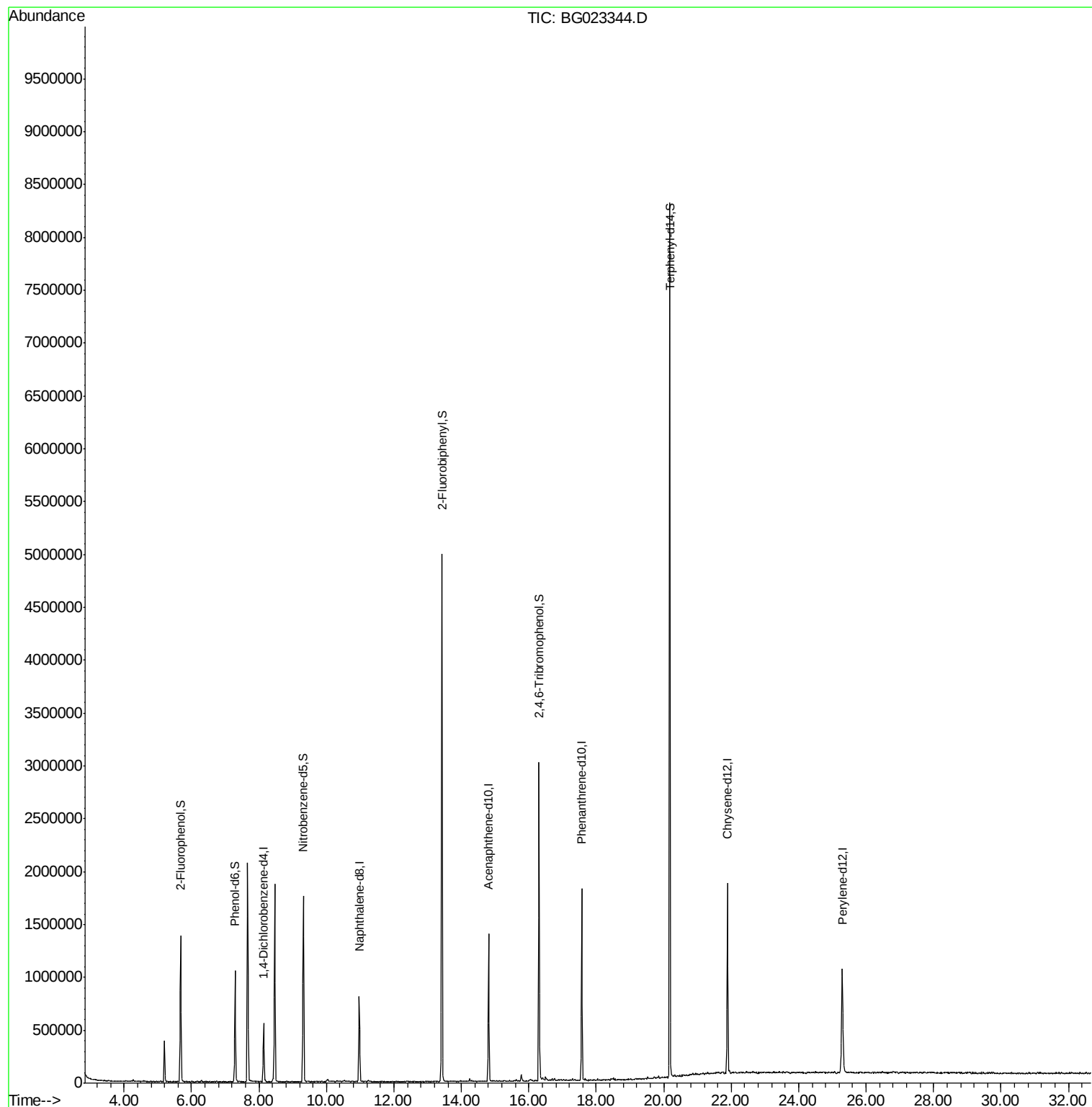
Target Compounds	Qvalue
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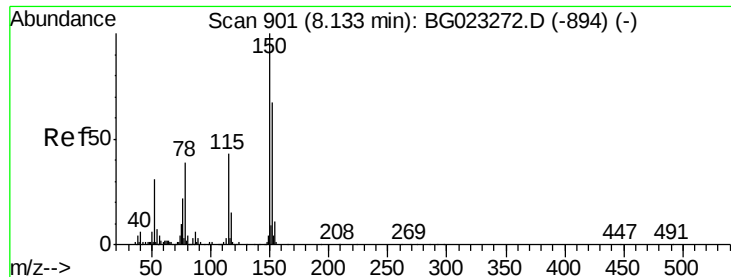
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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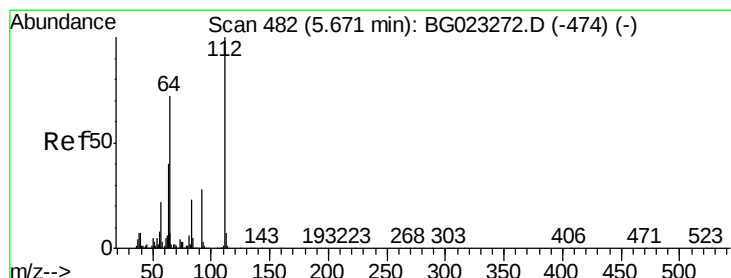
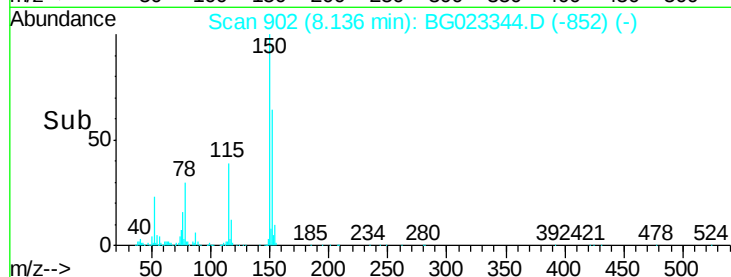
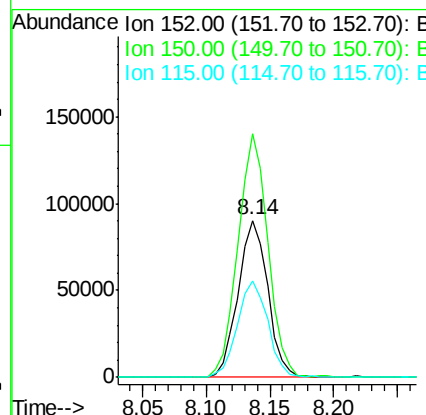
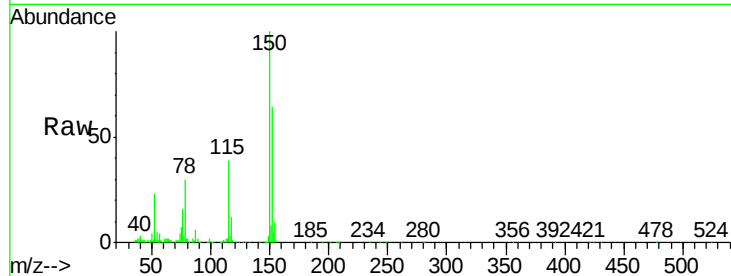


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.14 min Scan# 902
 Delta R.T. -0.00 min
 Lab File: BG023344.D
 Acq: 29 Jul 2016 21:51

Instrument :
 BNA_G
 ClientSampleId :
 GW-28-6.3-15.0

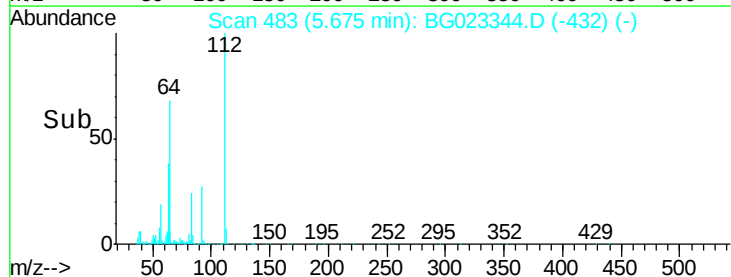
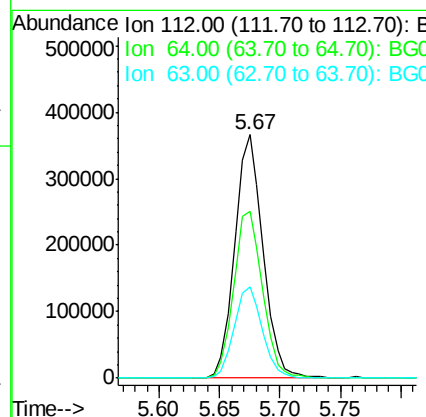
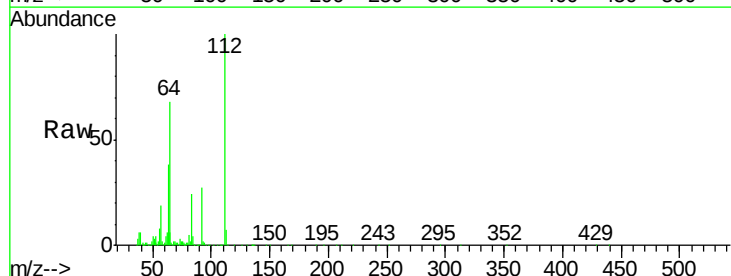
Tgt Ion:152 Resp: 146000
 Ion Ratio Lower Upper
 152 100
 150 155.5 144.7 217.1
 115 61.3 64.0 96.0#

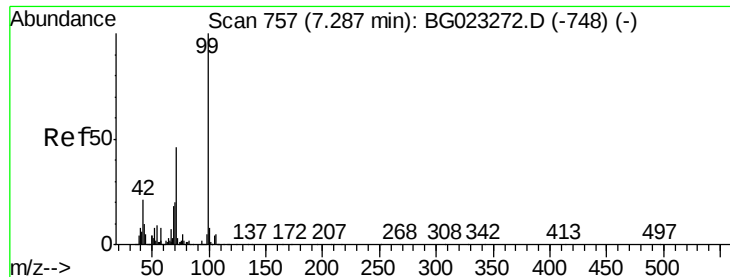


#5

2-Fluorophenol
 Concen: 69.82 ng
 RT: 5.67 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BG023344.D
 Acq: 29 Jul 2016 21:51

Tgt Ion:112 Resp: 597112
 Ion Ratio Lower Upper
 112 100
 64 68.4 59.0 88.4
 63 37.7 37.8 56.8#





#7

Phenol-d6

Concen: 50.82 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG023344.D

Acq: 29 Jul 2016 21:51

Instrument :

BNA_G

ClientSampleId :

GW-28-6.3-15.0

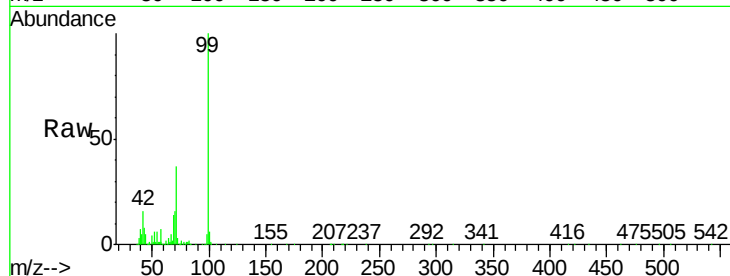
Tgt Ion: 99 Resp: 667218

Ion Ratio Lower Upper

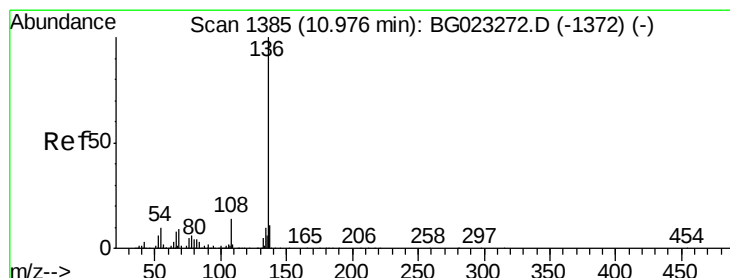
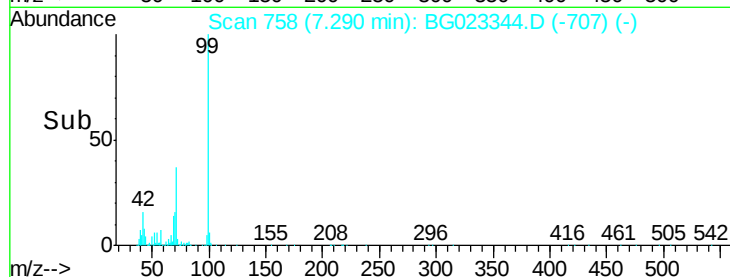
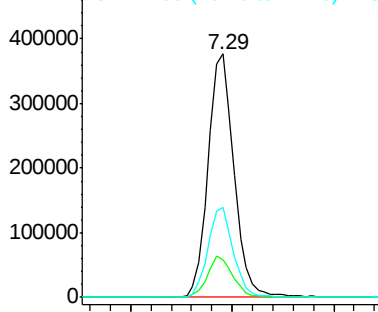
99 100

42 15.6 17.8 26.6#

71 37.0 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# 1385

Delta R.T. -0.00 min

Lab File: BG023344.D

Acq: 29 Jul 2016 21:51

Tgt Ion: 136 Resp: 665584

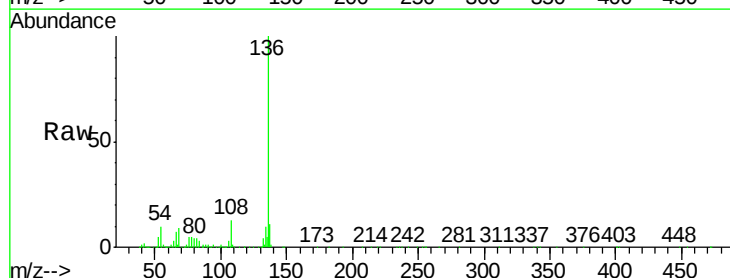
Ion Ratio Lower Upper

136 100

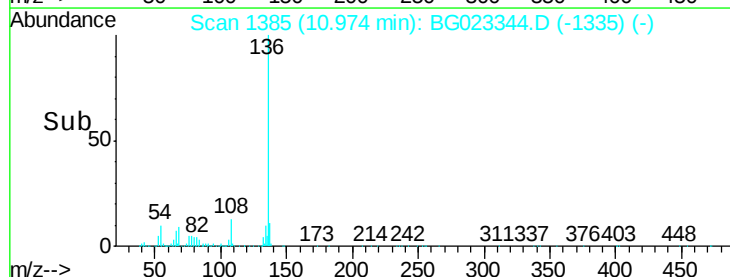
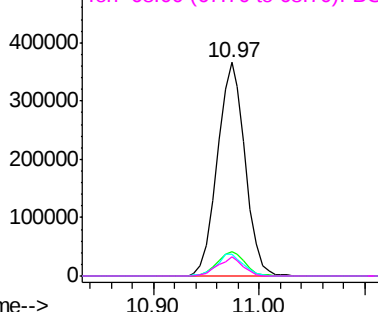
137 11.2 9.6 14.4

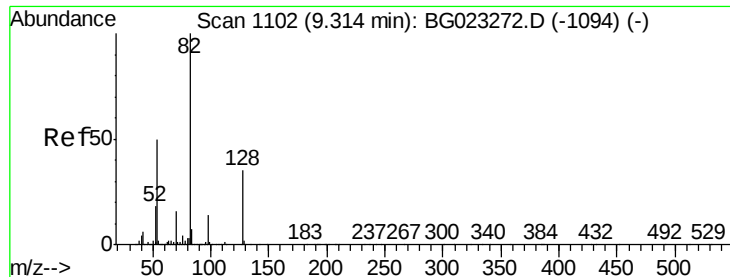
54 10.3 7.3 10.9

68 8.7 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

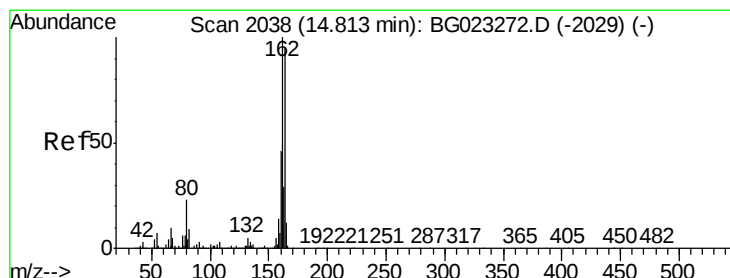
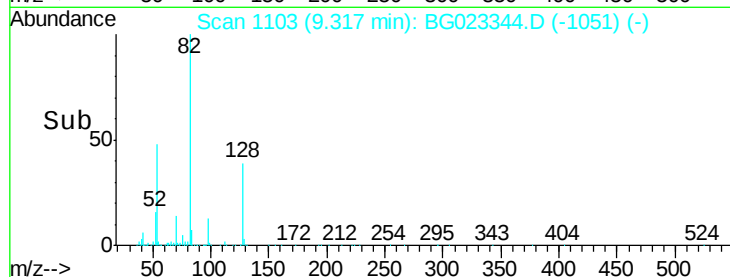
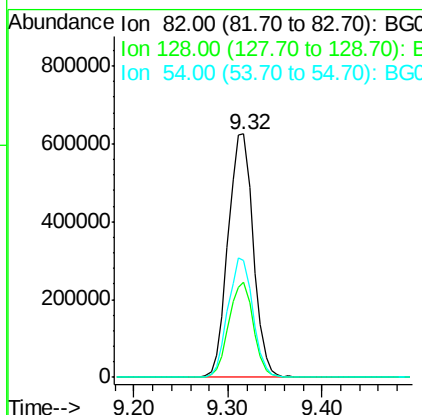
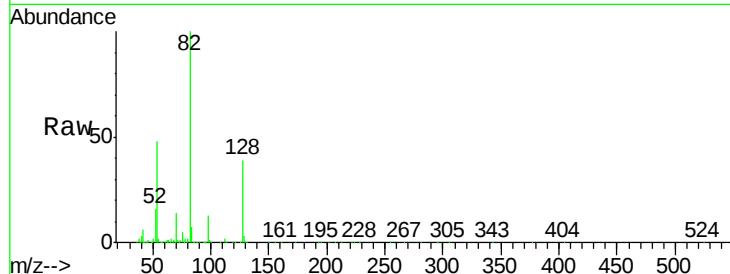




#23
 Nitrobenzene-d5
 Concen: 85.74 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: BG023344.D
 Acq: 29 Jul 2016 21:51

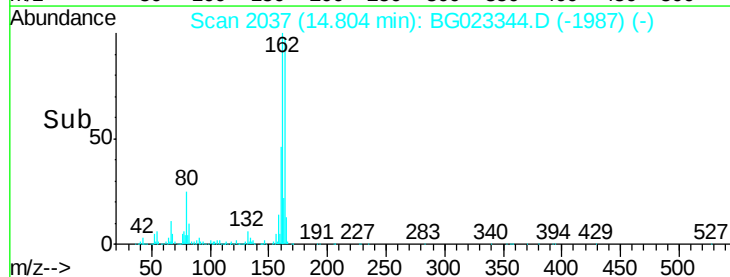
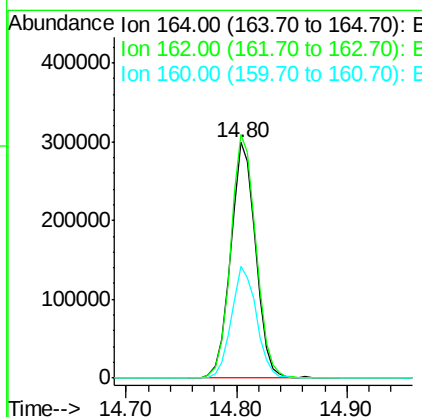
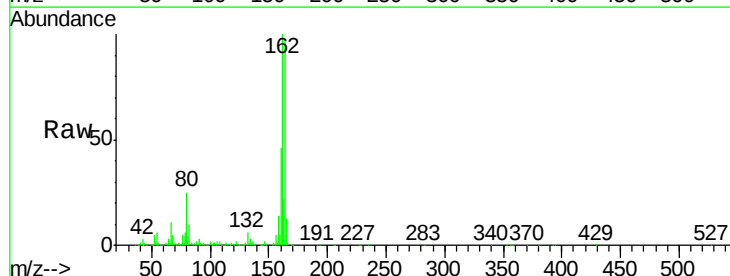
Instrument :
 BNA_G
 ClientSampleId :
 GW-28-6.3-15.0

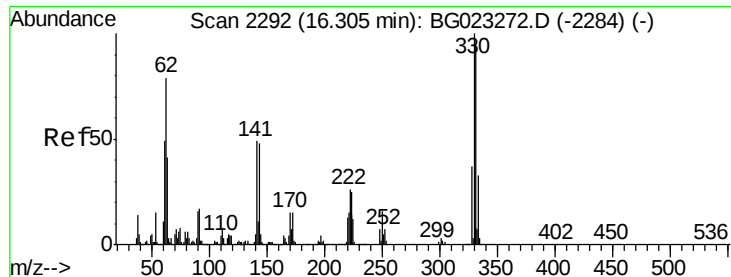
Tgt Ion: 82 Resp: 1166964
 Ion Ratio Lower Upper
 82 100
 128 39.0 24.4 36.6#
 54 47.9 41.4 62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BG023344.D
 Acq: 29 Jul 2016 21:51

Tgt Ion: 164 Resp: 473358
 Ion Ratio Lower Upper
 164 100
 162 103.4 87.7 131.5
 160 47.4 37.2 55.8





#41

2,4,6-Tribromophenol

Concen: 114.61 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BG023344.D

Acq: 29 Jul 2016 21:51

Instrument :

BNA_G

ClientSampleId :

GW-28-6.3-15.0

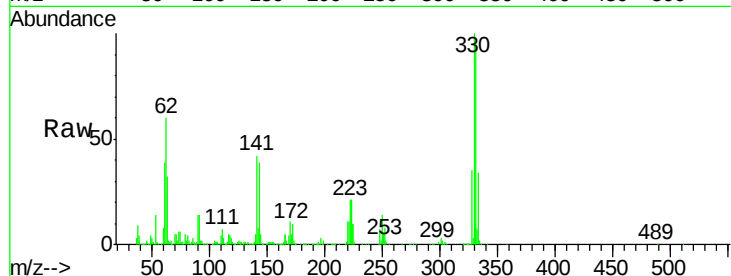
Tgt Ion:330 Resp: 561524

Ion Ratio Lower Upper

330 100

332 99.1 77.4 116.2

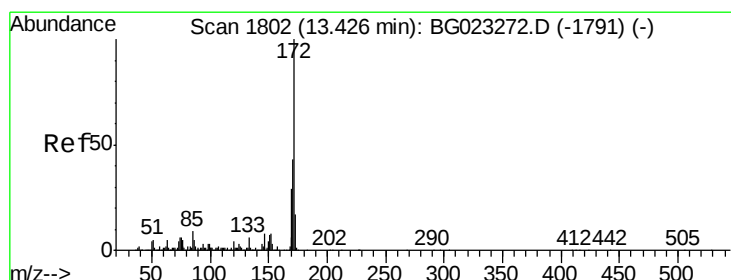
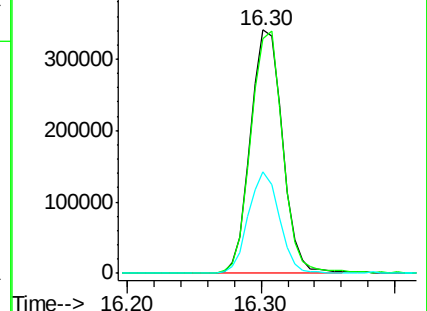
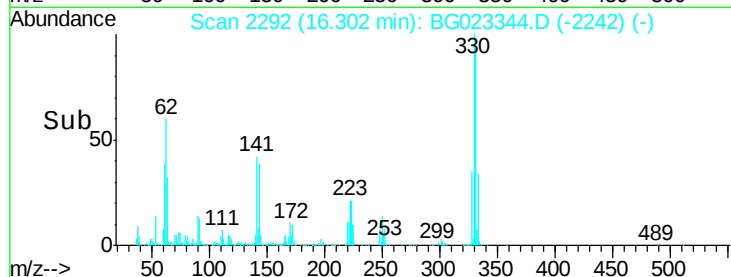
141 40.6 31.7 47.5



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: 95.30 ng

RT: 13.42 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BG023344.D

Acq: 29 Jul 2016 21:51

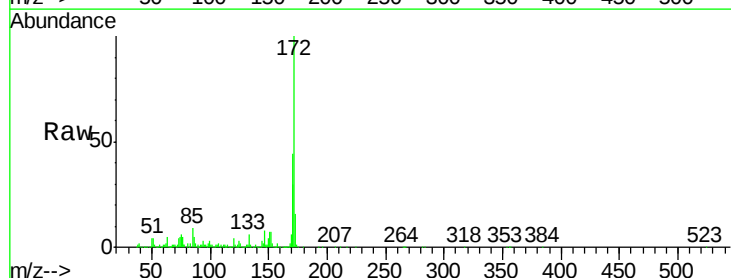
Tgt Ion:172 Resp: 2410198

Ion Ratio Lower Upper

172 100

171 44.1 31.6 47.4

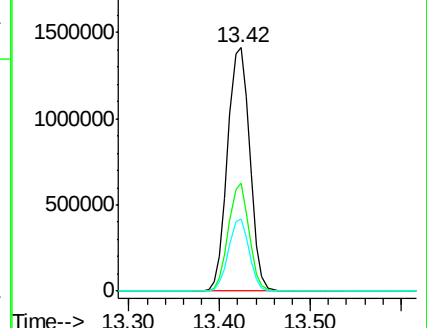
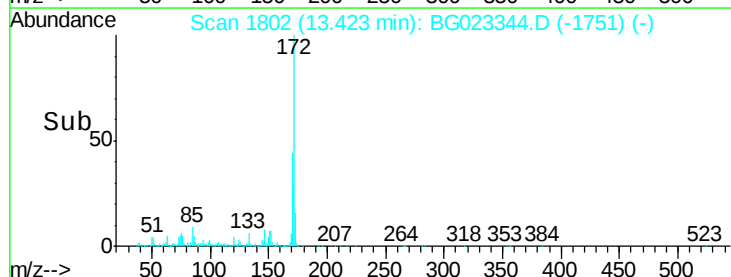
170 29.5 21.3 31.9

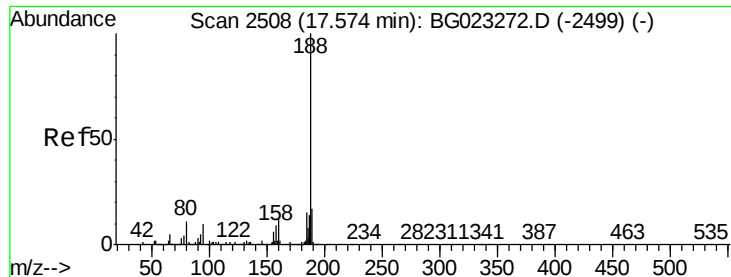


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2508

Delta R.T. 0.00 min

Lab File: BG023344.D

Acq: 29 Jul 2016 21:51

Instrument :

BNA_G

ClientSampleId :

GW-28-6.3-15.0

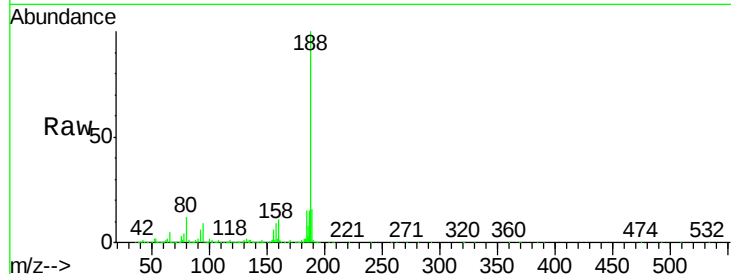
Tgt Ion:188 Resp: 1082746

Ion Ratio Lower Upper

188 100

94 9.4 5.2 7.8#

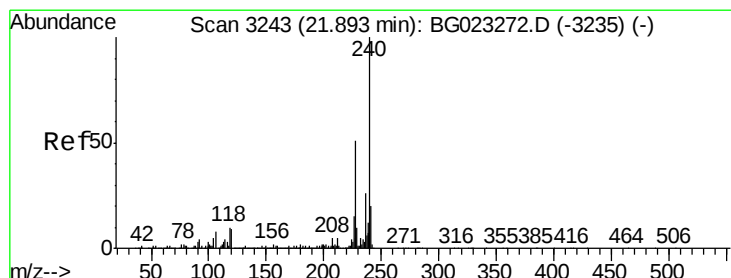
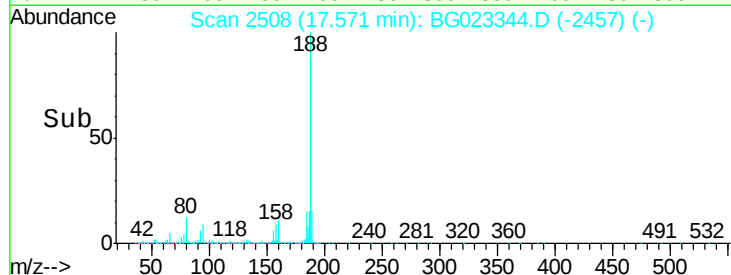
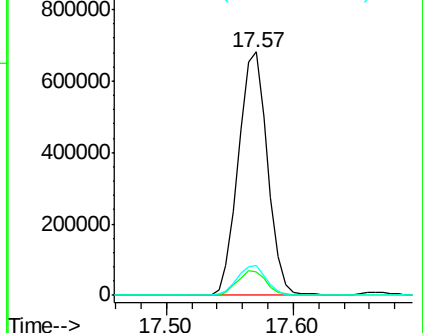
80 12.4 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.89 min Scan# 3243

Delta R.T. -0.00 min

Lab File: BG023344.D

Acq: 29 Jul 2016 21:51

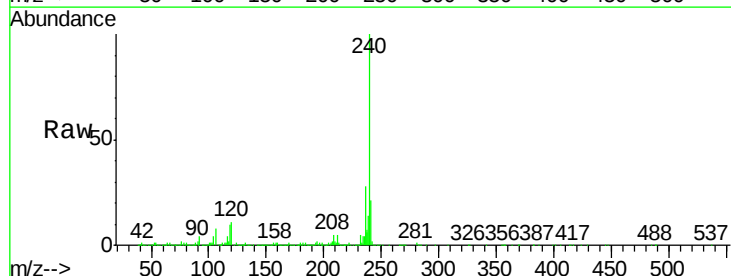
Tgt Ion:240 Resp: 1098050

Ion Ratio Lower Upper

240 100

120 11.4 4.1 6.1#

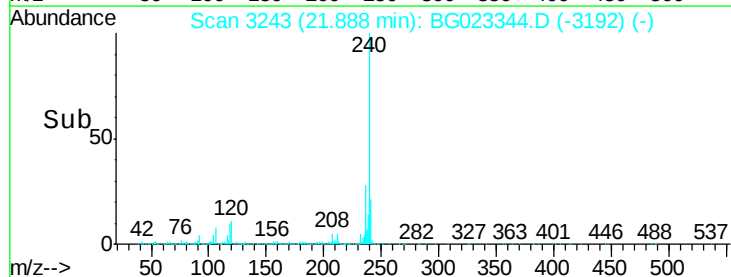
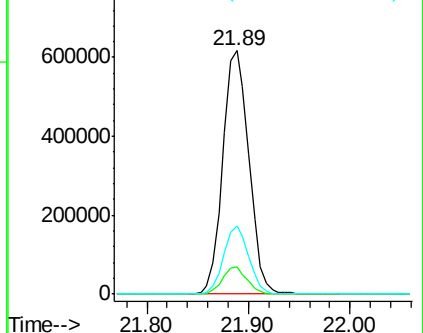
236 28.2 21.1 31.7

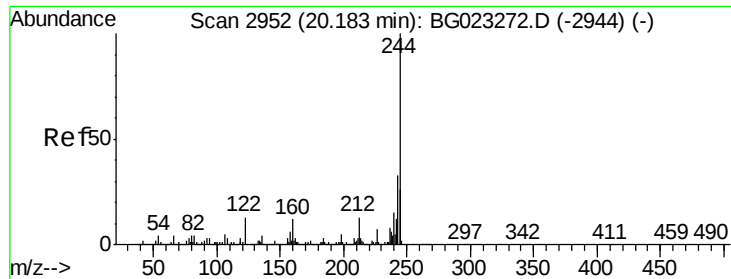


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.94 ng

RT: 20.18 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BG023344.D

Acq: 29 Jul 2016 21:51

Instrument :

BNA_G

ClientSampleId :

GW-28-6.3-15.0

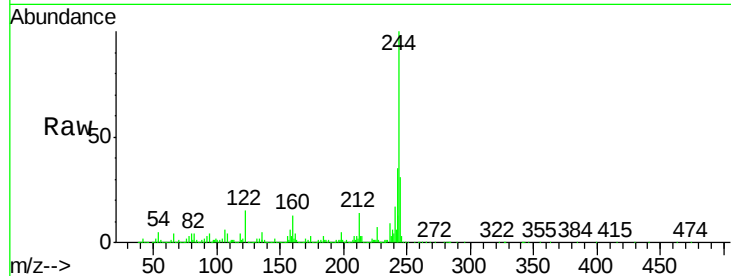
Tgt Ion:244 Resp: 2970433

Ion Ratio Lower Upper

244 100

212 14.0 10.8 16.2

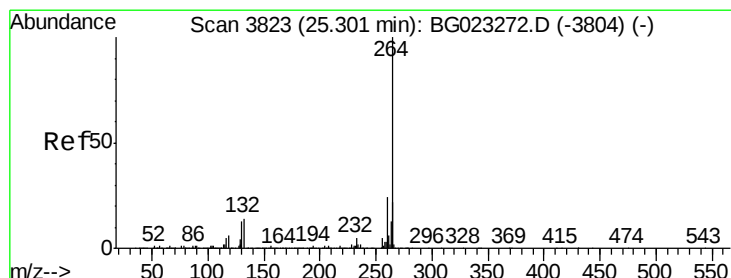
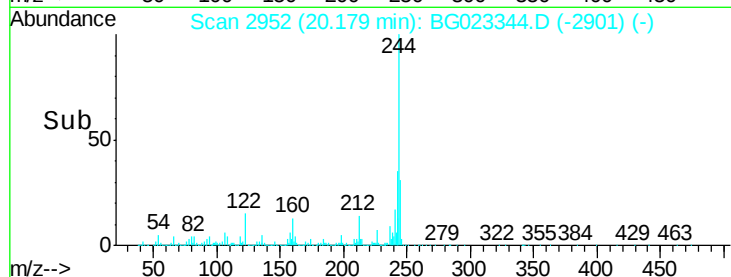
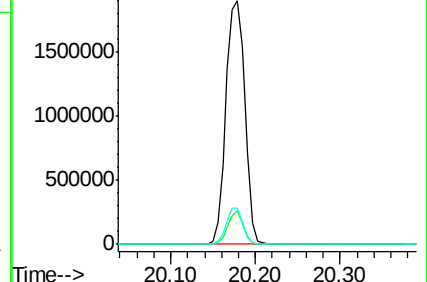
122 14.7 8.0 12.0#



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: BG023344.D

Acq: 29 Jul 2016 21:51

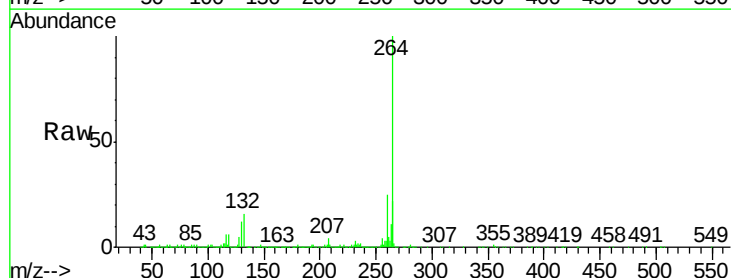
Tgt Ion:264 Resp: 1113726

Ion Ratio Lower Upper

264 100

260 24.7 18.4 27.6

265 21.8 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

