

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060716\
 Data File : BG022221.D
 Acq On : 8 Jun 2016 2:07
 Operator : UM/SJ
 Sample : H3426-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Quant Time: Jun 08 03:13:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21253	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	99549	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	66340	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	165430	20.00	ng	0.00
75) Chrysene-d12	21.76	240	159387	20.00	ng	0.00
86) Perylene-d12	25.05	264	153904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	78286	71.22	ng	0.00
7) Phenol-d6	7.27	99	68856	39.84	ng	0.00
23) Nitrobenzene-d5	9.29	82	141986	99.44	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	115730	154.39	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	420211	96.53	ng	0.00
78) Terphenyl-d14	20.08	244	749481	111.64	ng	0.00

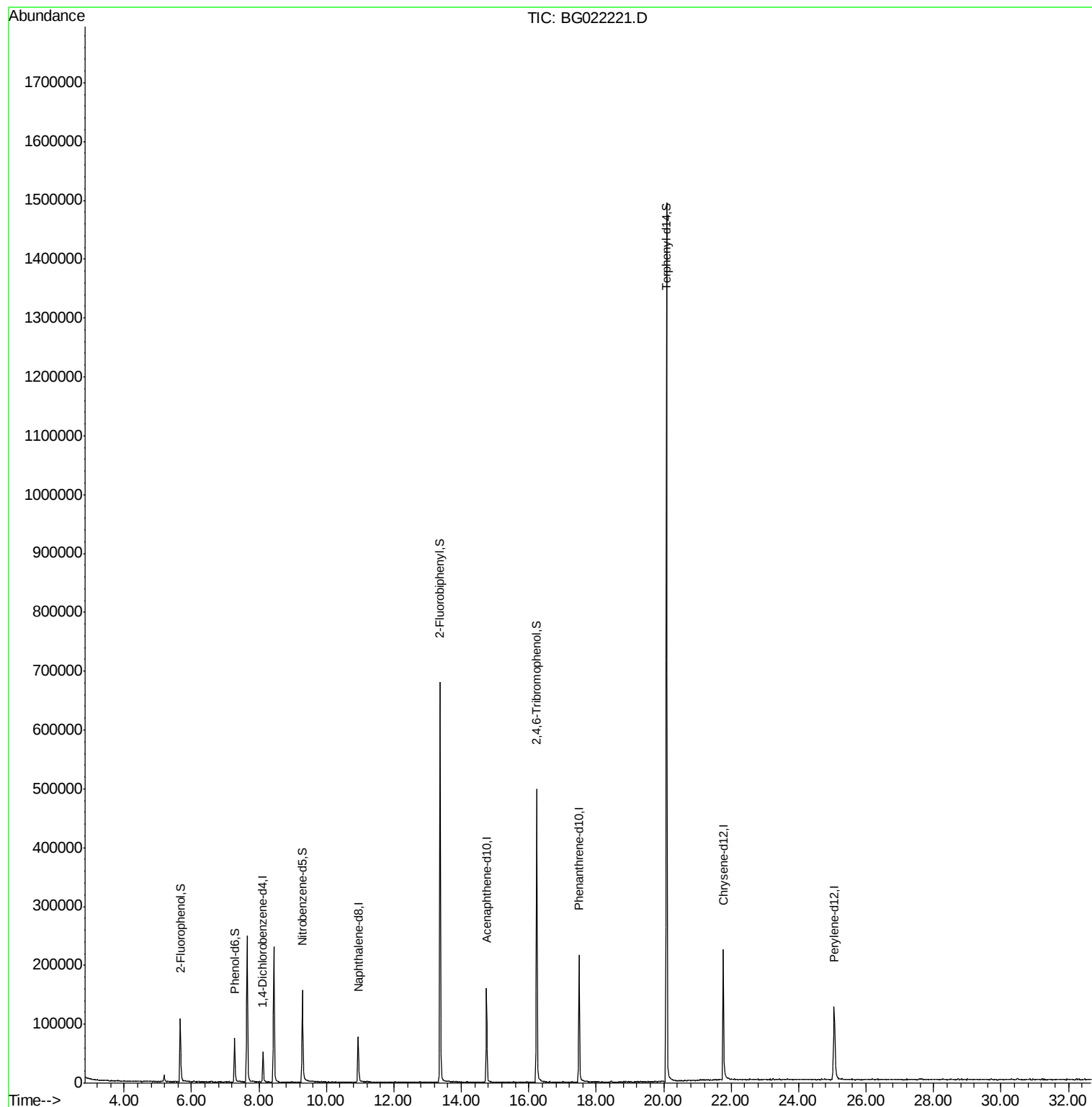
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022221.D

Acq: 8 Jun 2016 2:07

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

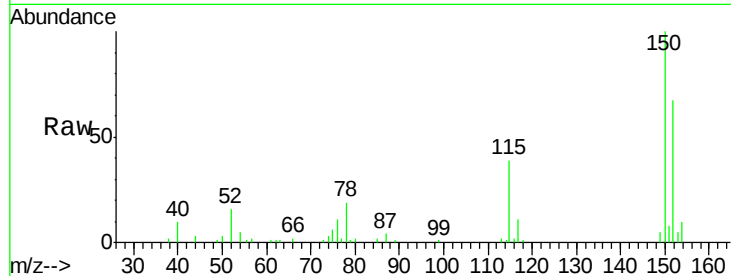
Tgt Ion:152 Resp: 21253

Ion Ratio Lower Upper

152 100

150 150.3 130.1 195.1

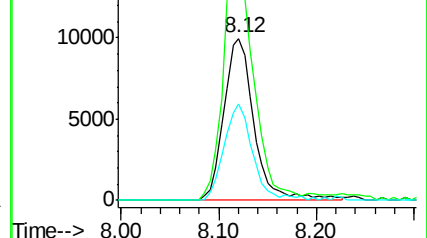
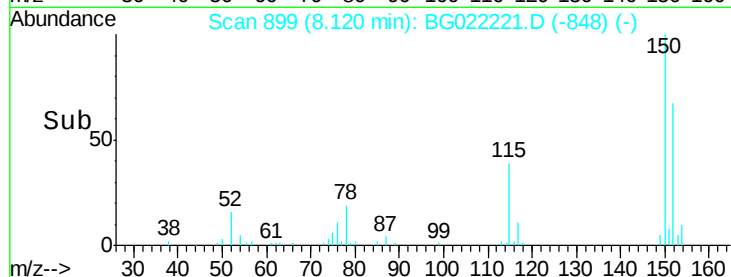
115 59.4 62.2 93.2#



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: 71.22 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022221.D

Acq: 8 Jun 2016 2:07

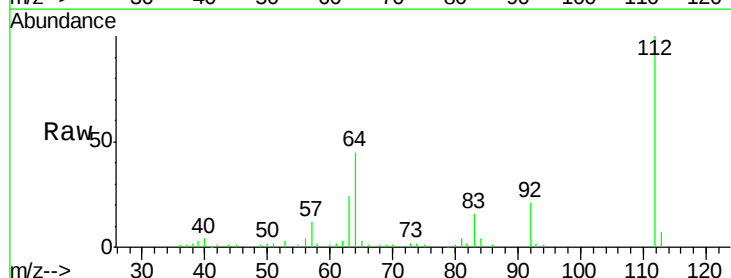
Tgt Ion:112 Resp: 78286

Ion Ratio Lower Upper

112 100

64 44.7 51.1 76.7#

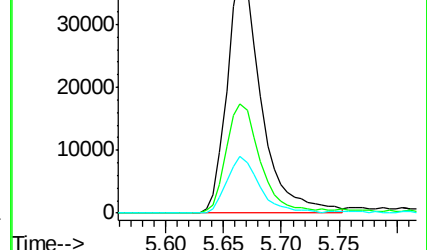
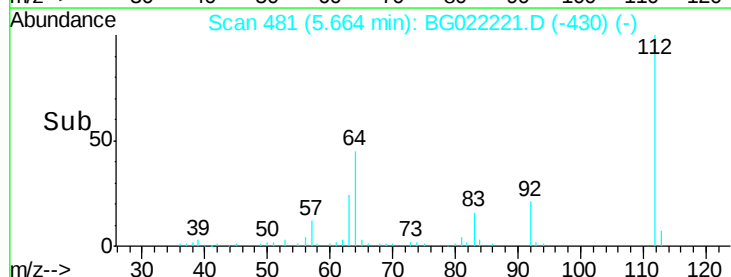
63 23.5 24.6 37.0#



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: 39.84 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022221.D

Acq: 8 Jun 2016 2:07

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

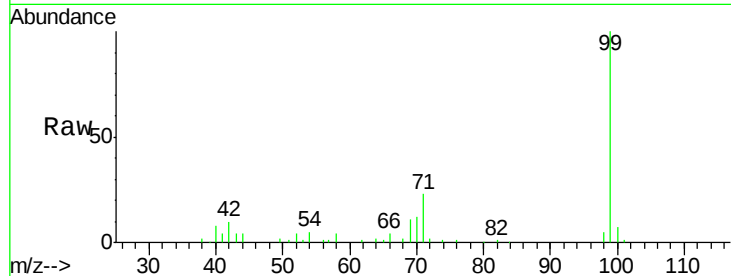
Tgt Ion: 99 Resp: 68856

Ion Ratio Lower Upper

99 100

42 9.6 16.4 24.6#

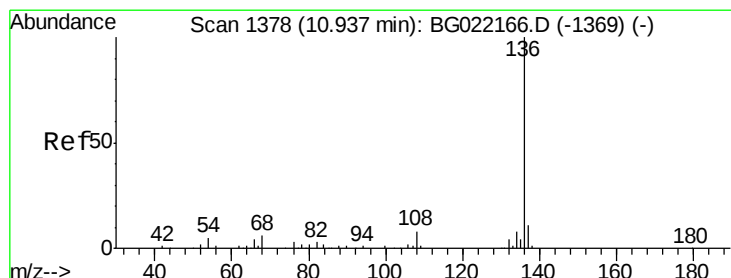
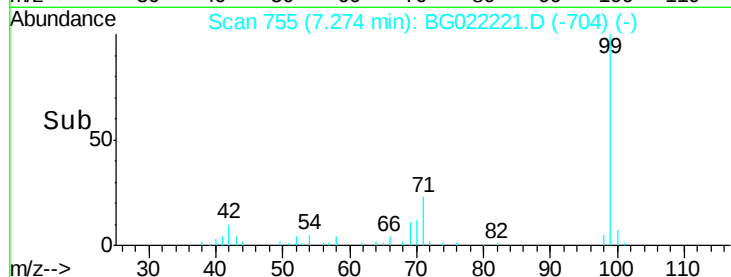
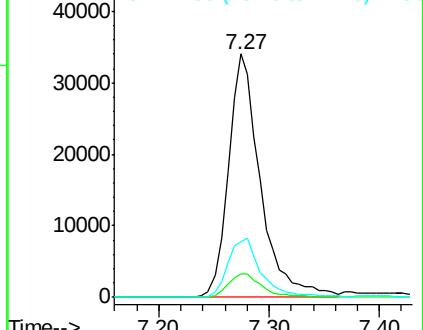
71 22.9 25.0 37.4#



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: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022221.D

Acq: 8 Jun 2016 2:07

Tgt Ion: 136 Resp: 99549

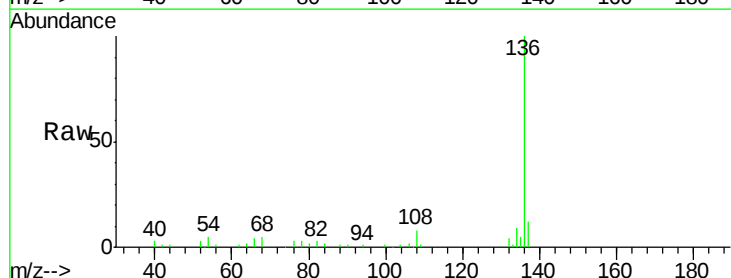
Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.4

54 5.3 9.6 14.4#

68 5.3 6.4 9.6#

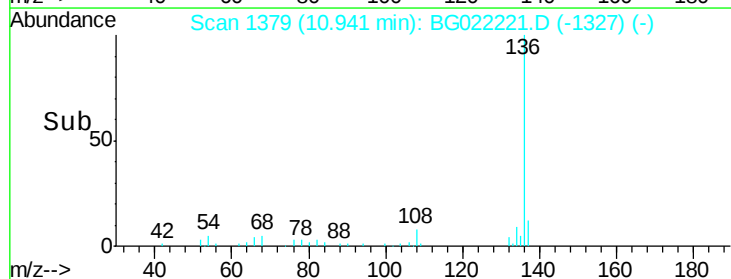
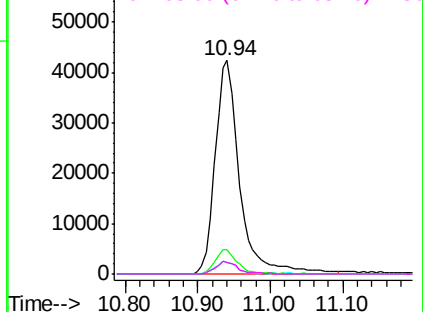


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

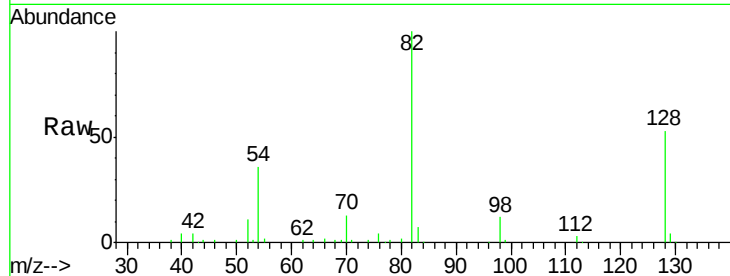




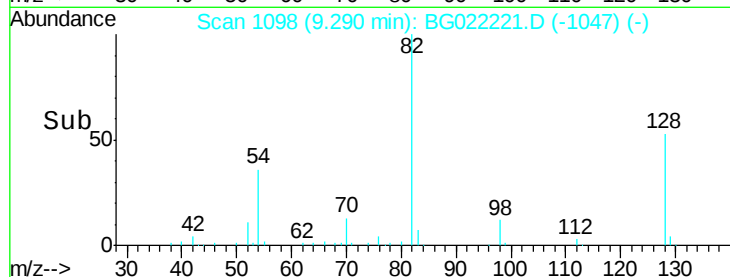
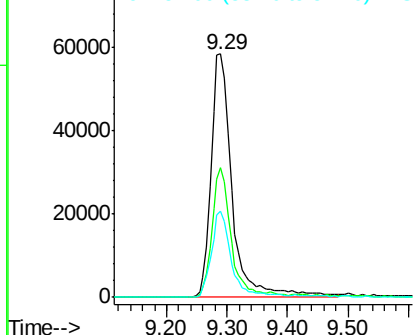
#23
 Nitrobenzene-d5
 Concen: 99.44 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022221.D
 Acq: 8 Jun 2016 2:07

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Tgt Ion: 82 Resp: 141986
 Ion Ratio Lower Upper
 82 100
 128 53.4 33.4 50.0#
 54 35.5 46.1 69.1#

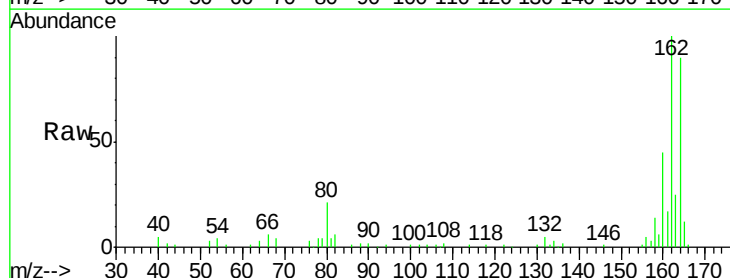


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

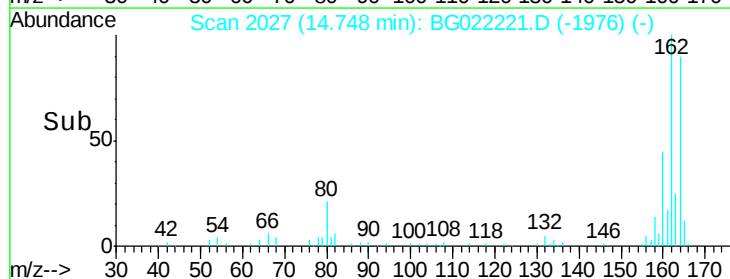
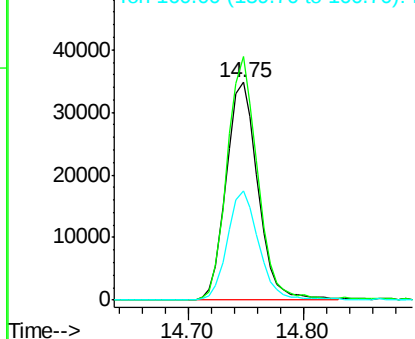


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BG022221.D
 Acq: 8 Jun 2016 2:07

Tgt Ion: 164 Resp: 66340
 Ion Ratio Lower Upper
 164 100
 162 111.7 78.0 117.0
 160 50.0 32.9 49.3#



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

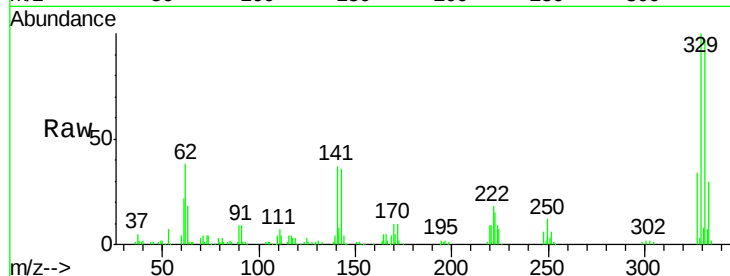




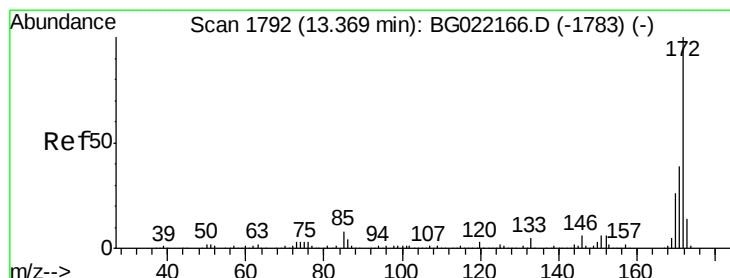
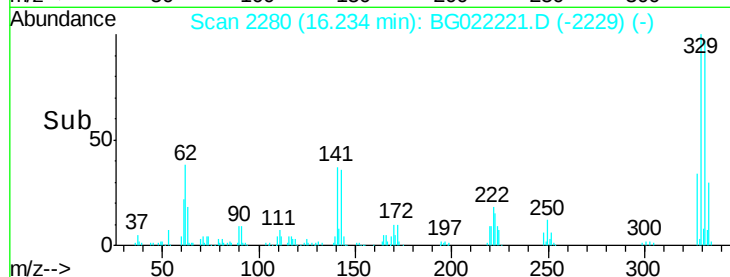
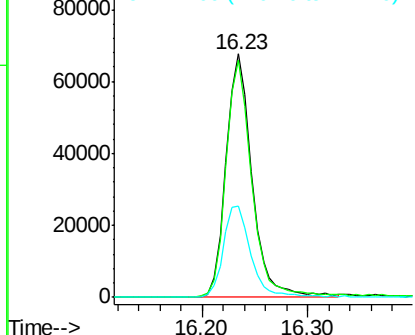
#41
 2,4,6-Tribromophenol
 Concen: 154.39 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022221.D
 Acq: 8 Jun 2016 2:07

Instrument :
 BNA_G
 ClientSampleId :
 FIELDBLANK

Tgt Ion:330 Resp: 115730
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.0 117.0
 141 39.8 33.8 50.8

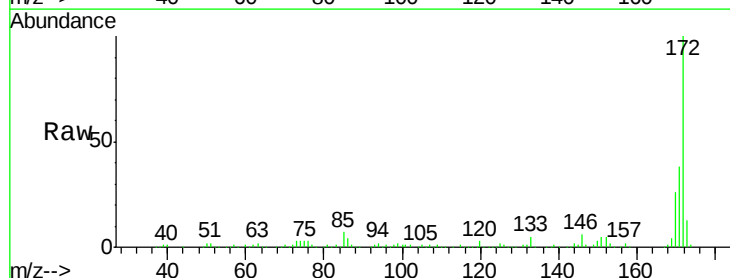


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

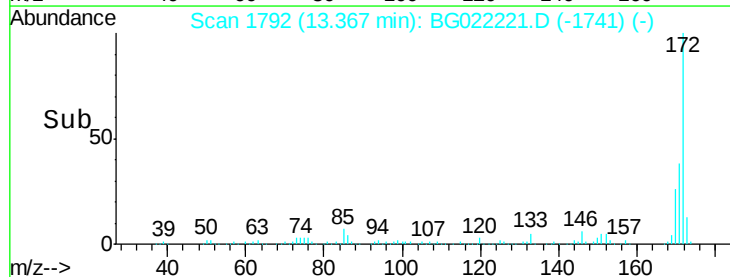
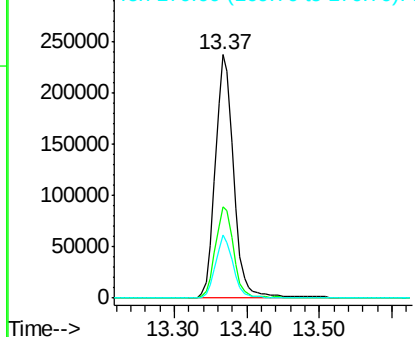


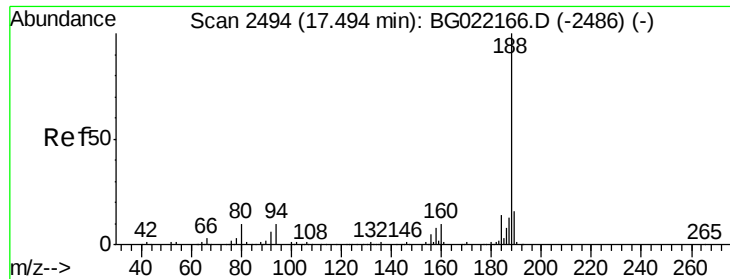
#44
 2-Fluorobiphenyl
 Concen: 96.53 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022221.D
 Acq: 8 Jun 2016 2:07

Tgt Ion:172 Resp: 420211
 Ion Ratio Lower Upper
 172 100
 171 37.5 27.8 41.6
 170 25.8 19.6 29.4



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

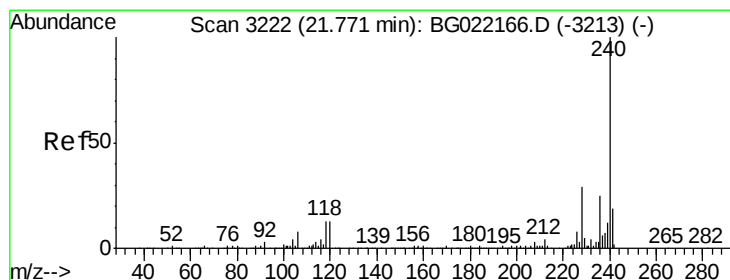
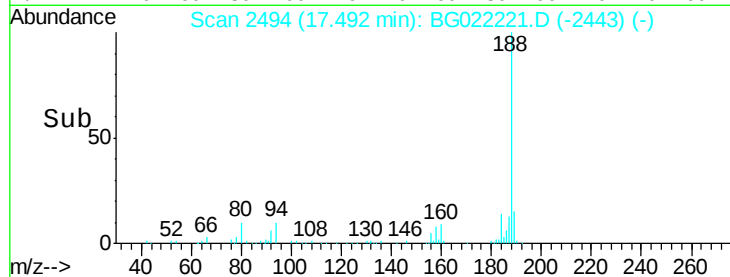
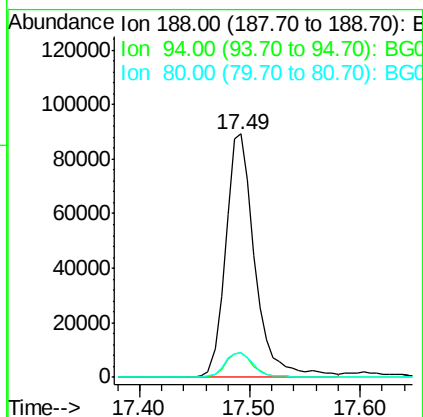
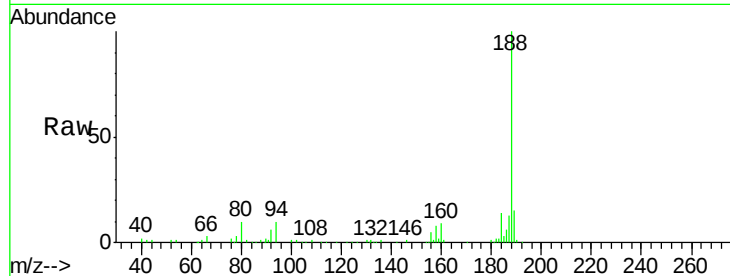




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022221.D
Acq: 8 Jun 2016 2:07

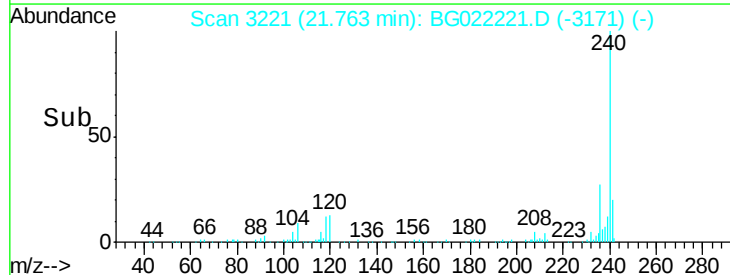
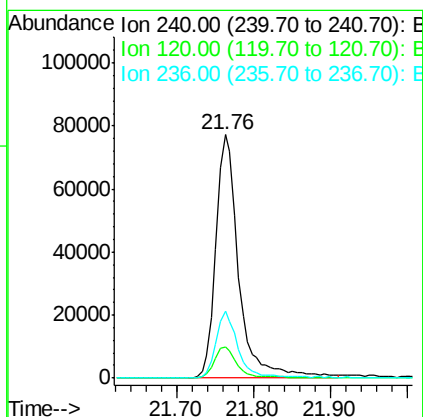
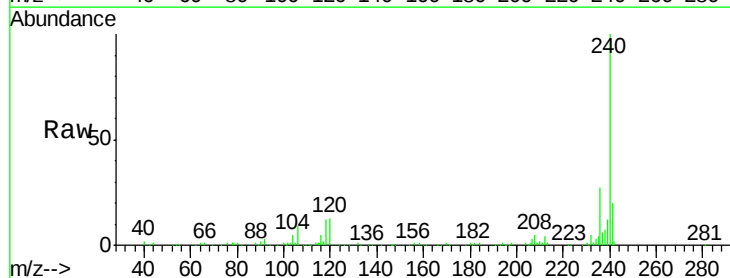
Instrument :
BNA_G
ClientSampleId :
FIELDBLANK

Tgt Ion:188 Resp: 165430
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 10.2 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022221.D
Acq: 8 Jun 2016 2:07

Tgt Ion:240 Resp: 159387
Ion Ratio Lower Upper
240 100
120 12.9 8.4 12.6#
236 27.4 19.6 29.4





#78

Terphenyl-d14

Concen: 111.64 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022221.D

Acq: 8 Jun 2016 2:07

Instrument :

BNA_G

ClientSampleId :

FIELDBLANK

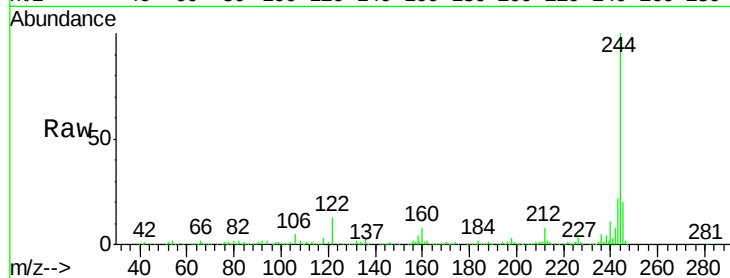
Tgt Ion:244 Resp: 749481

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

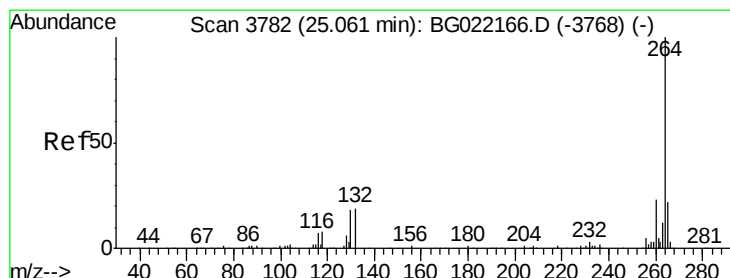
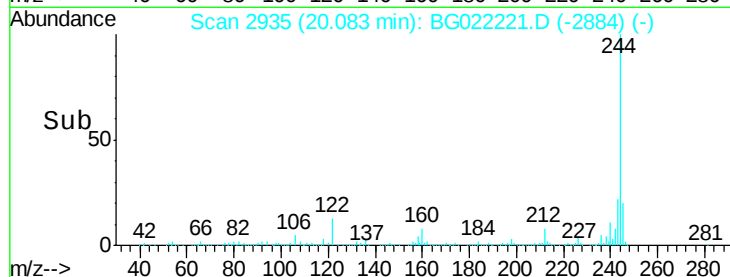
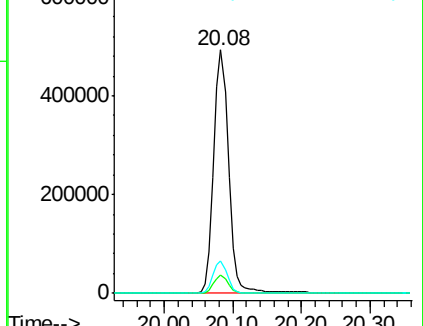
122 13.3 8.6 12.8#



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: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022221.D

Acq: 8 Jun 2016 2:07

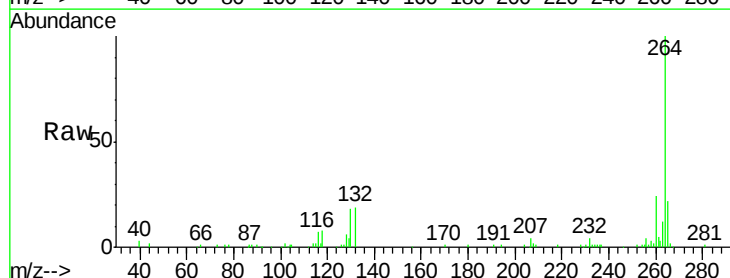
Tgt Ion:264 Resp: 153904

Ion Ratio Lower Upper

264 100

260 23.8 20.2 30.4

265 21.9 17.8 26.8



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

