

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061716\
 Data File : BG022420.D
 Acq On : 18 Jun 2016 12:39
 Operator : UM/SJ
 Sample : PB91389BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BL

Quant Time: Jun 20 01:20:25 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	20153	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	92446	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	61086	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	149374	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	131877	20.00	ng	-0.05
86) Perylene-d12	24.93	264	112532	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	181117	173.76	ng	-0.04
7) Phenol-d6	7.23	99	249701	152.37	ng	-0.02
23) Nitrobenzene-d5	9.22	82	125678	94.78	ng	-0.04
41) 2,4,6-Tribromophenol	16.17	330	87430	126.67	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	371917	92.78	ng	-0.04
78) Terphenyl-d14	20.02	244	582747	104.91	ng	-0.04

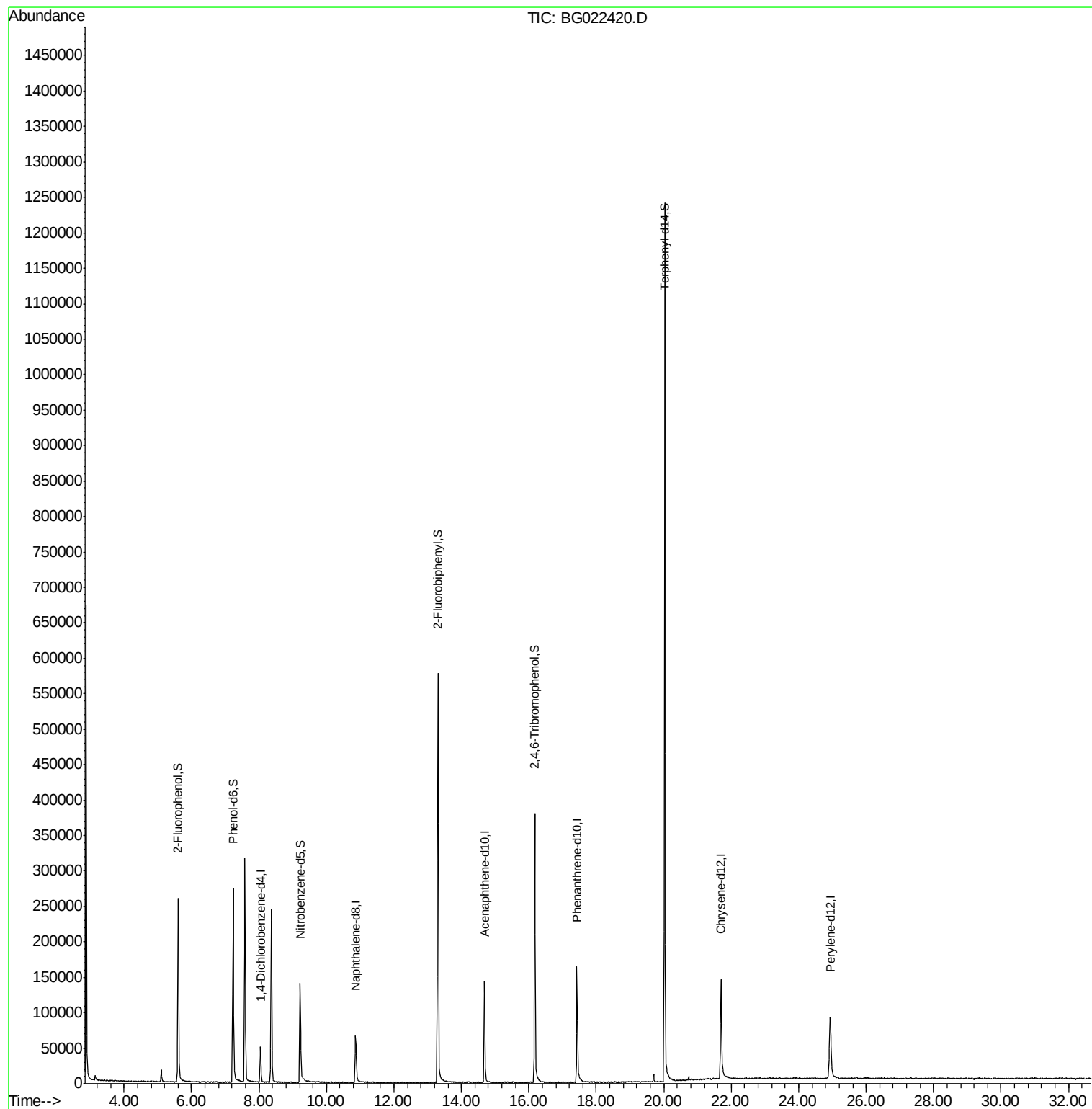
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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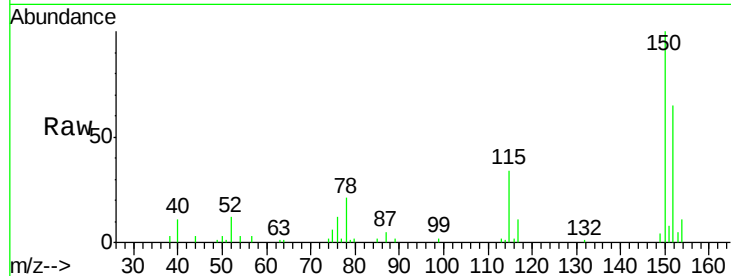


#1

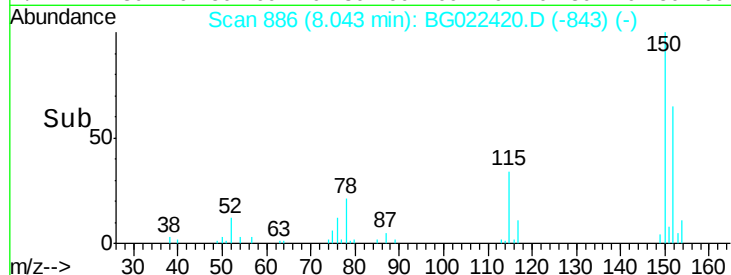
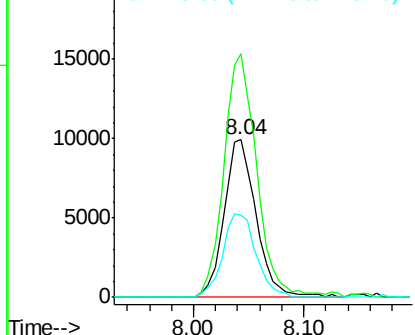
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 886
Delta R.T. -0.05 min
Lab File: BG022420.D
Acq: 18 Jun 2016 12:39

Instrument :
BNA_G
ClientSampleId :
PB91389BL

Tgt Ion:152 Resp: 20153
Ion Ratio Lower Upper
152 100
150 154.6 130.1 195.1
115 52.3 62.2 93.2#



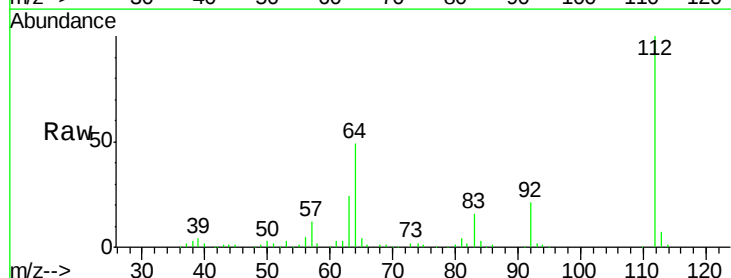
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



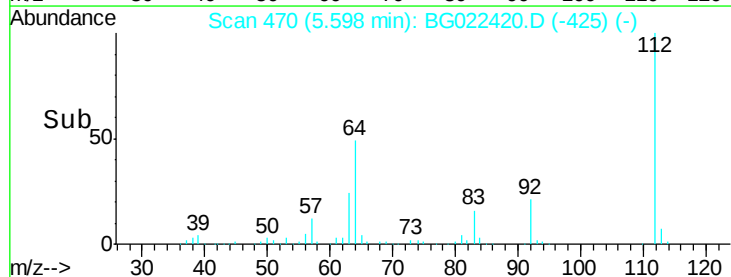
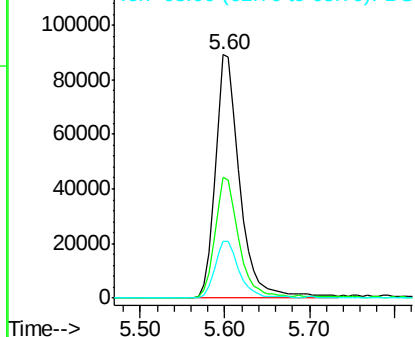
#5

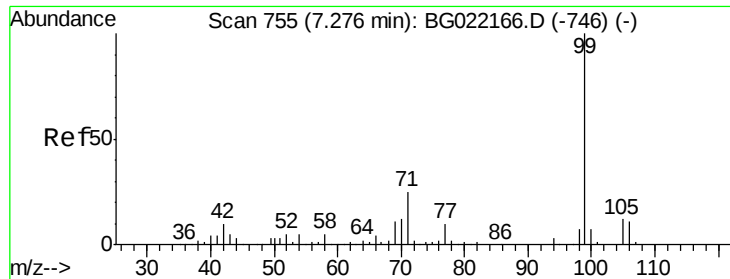
2-Fluorophenol
Concen: 173.76 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.04 min
Lab File: BG022420.D
Acq: 18 Jun 2016 12:39

Tgt Ion:112 Resp: 181117
Ion Ratio Lower Upper
112 100
64 49.5 51.1 76.7#
63 23.6 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: 152.37 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022420.D

Acq: 18 Jun 2016 12:39

Instrument :

BNA_G

ClientSampleId :

PB91389BL

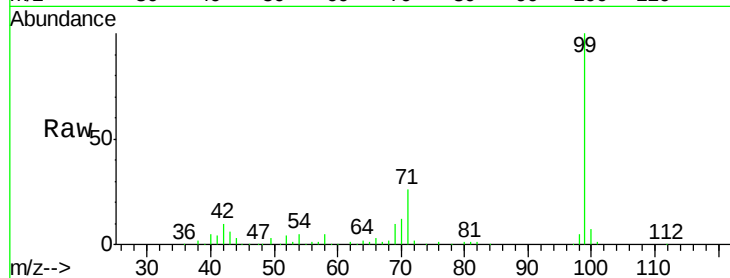
Tgt Ion: 99 Resp: 249701

Ion Ratio Lower Upper

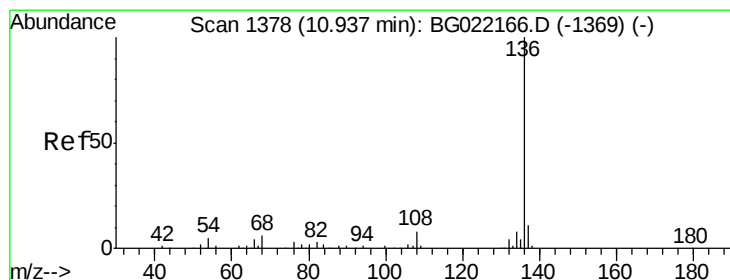
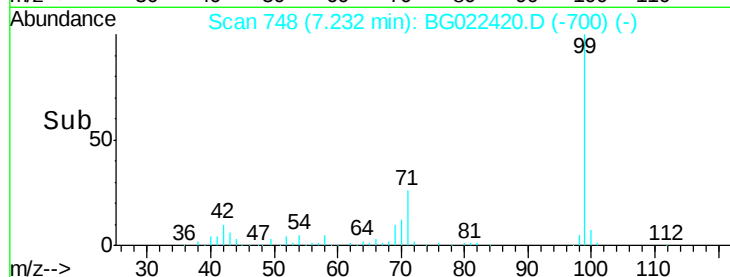
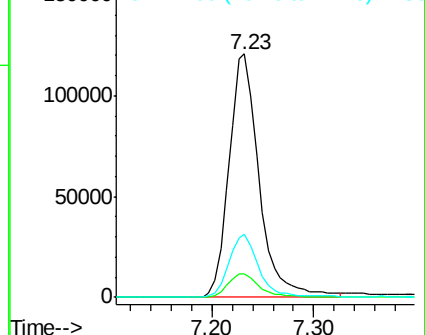
99 100

42 9.6 16.4 24.6#

71 25.8 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: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022420.D

Acq: 18 Jun 2016 12:39

Tgt Ion: 136 Resp: 92446

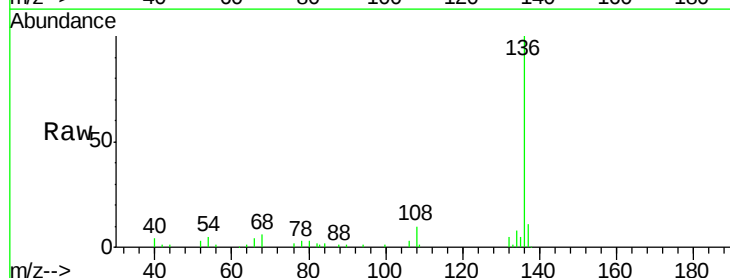
Ion Ratio Lower Upper

136 100

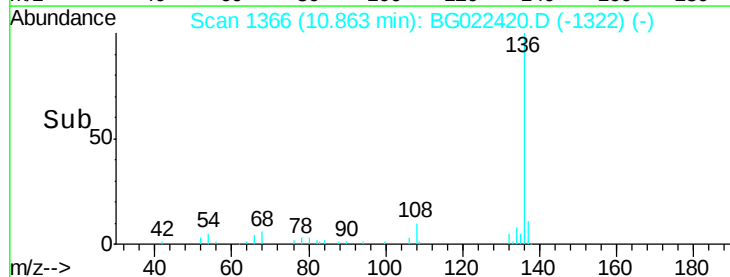
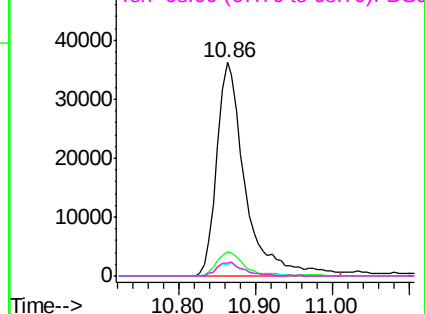
137 11.2 9.0 13.4

54 5.2 9.6 14.4#

68 5.8 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

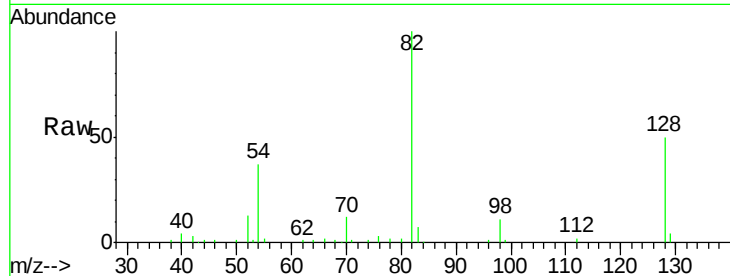




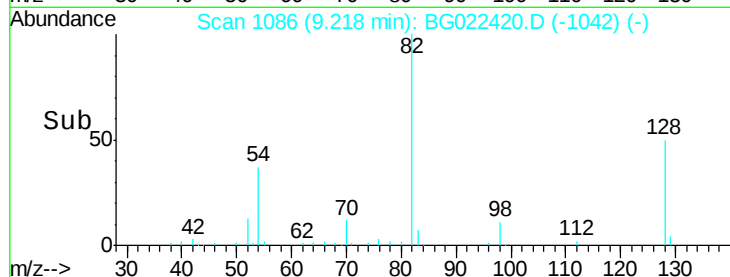
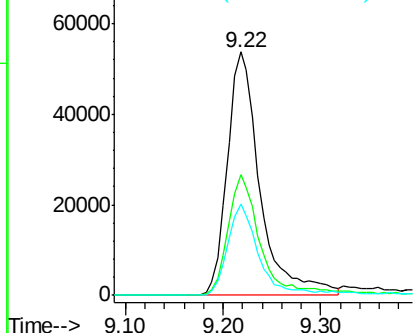
#23
 Nitrobenzene-d5
 Concen: 94.78 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.04 min
 Lab File: BG022420.D
 Acq: 18 Jun 2016 12:39

Instrument :
 BNA_G
 ClientSampleID :
 PB91389BL

Tgt Ion: 82 Resp: 125678
 Ion Ratio Lower Upper
 82 100
 128 49.8 33.4 50.0
 54 37.3 46.1 69.1#

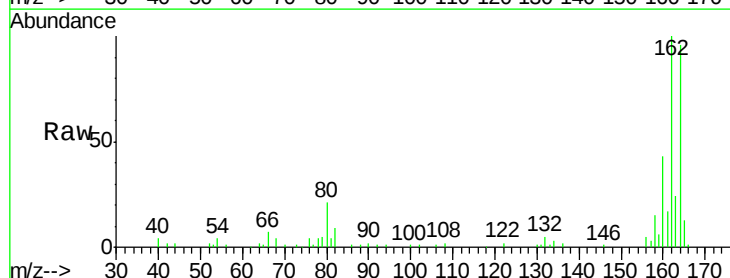


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

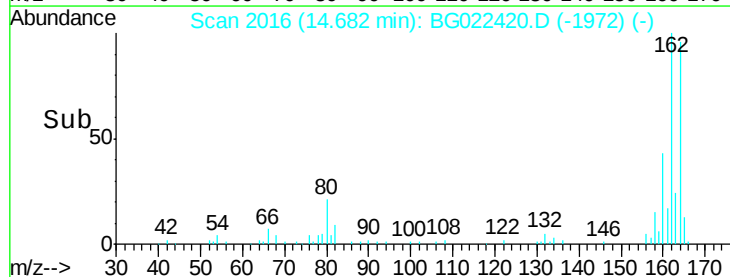
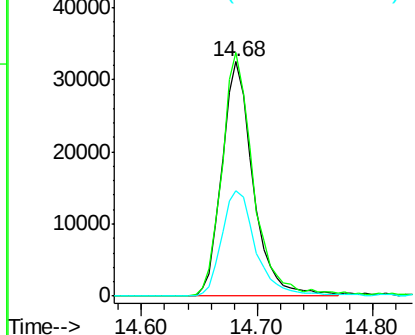


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.68 min Scan# 2016
 Delta R.T. -0.04 min
 Lab File: BG022420.D
 Acq: 18 Jun 2016 12:39

Tgt Ion: 164 Resp: 61086
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.0 117.0
 160 45.2 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

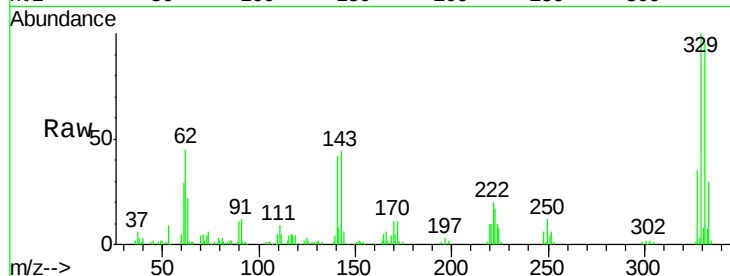




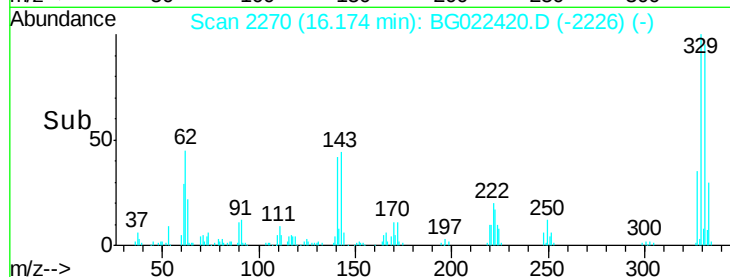
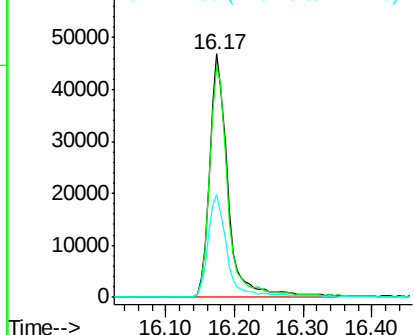
#41
 2,4,6-Tribromophenol
 Concen: 126.67 ng
 RT: 16.17 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022420.D
 Acq: 18 Jun 2016 12:39

Instrument :
 BNA_G
 ClientSampleId :
 PB91389BL

Tgt Ion:330 Resp: 87430
 Ion Ratio Lower Upper
 330 100
 332 93.8 78.0 117.0
 141 42.7 33.8 50.8

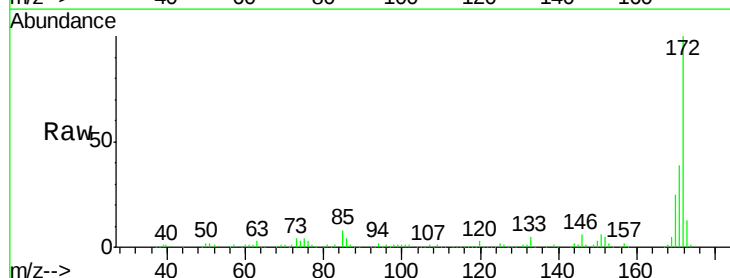


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

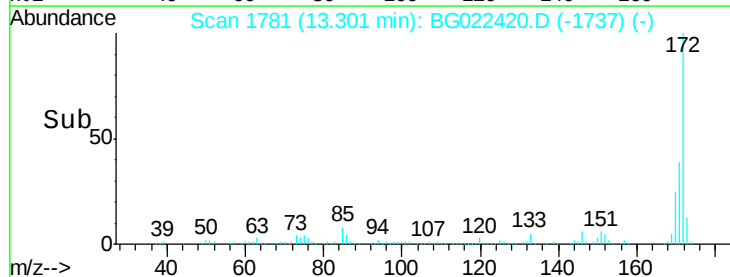
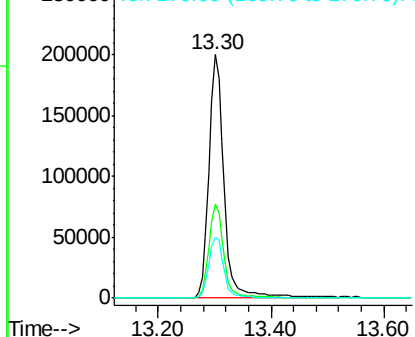


#44
 2-Fluorobiphenyl
 Concen: 92.78 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022420.D
 Acq: 18 Jun 2016 12:39

Tgt Ion:172 Resp: 371917
 Ion Ratio Lower Upper
 172 100
 171 38.6 27.8 41.6
 170 25.1 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

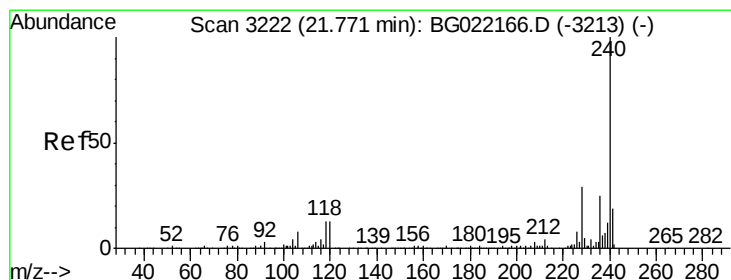
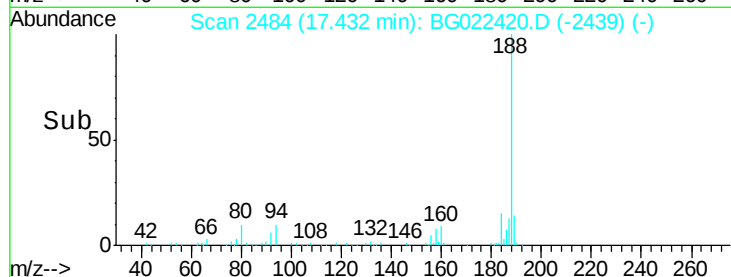
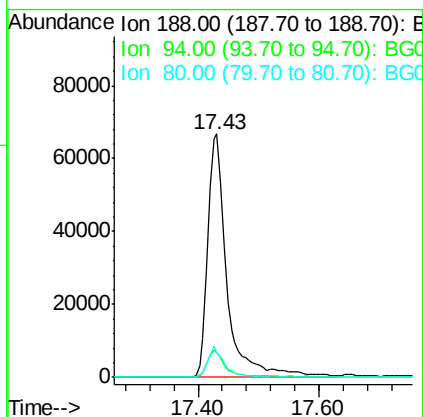
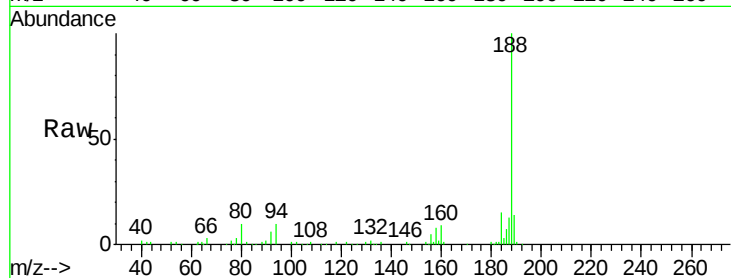




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2484
Delta R.T. -0.04 min
Lab File: BG022420.D
Acq: 18 Jun 2016 12:39

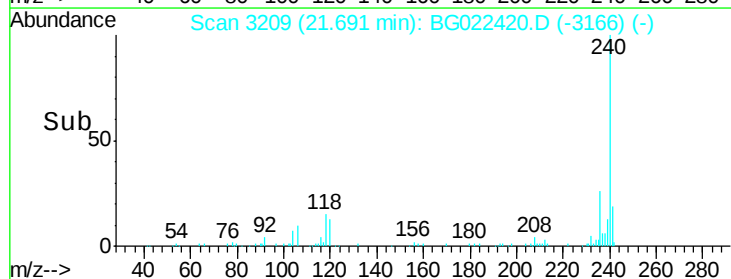
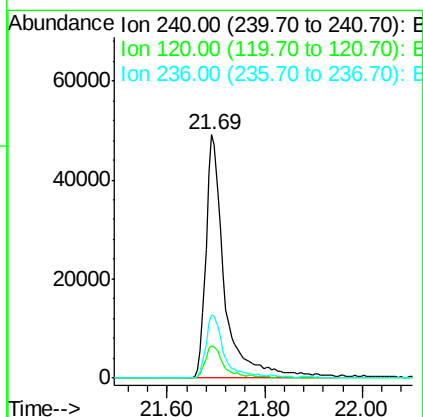
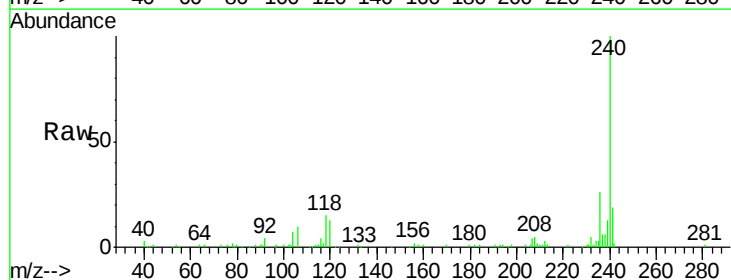
Instrument :
BNA_G
ClientSampleId :
PB91389BL

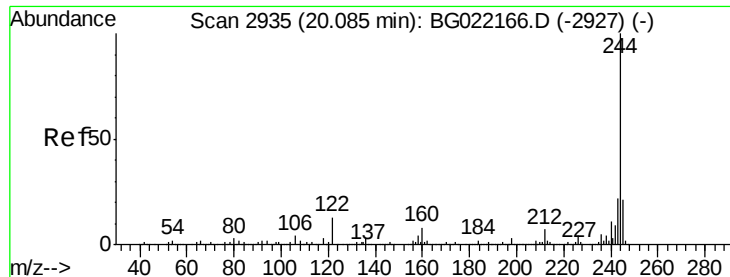
Tgt Ion:188 Resp: 149374
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.2 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.69 min Scan# 3209
Delta R.T. -0.05 min
Lab File: BG022420.D
Acq: 18 Jun 2016 12:39

Tgt Ion:240 Resp: 131877
Ion Ratio Lower Upper
240 100
120 13.5 8.4 12.6#
236 25.8 19.6 29.4





#78

Terphenyl-d14

Concen: 104.91 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.04 min

Lab File: BG022420.D

Acq: 18 Jun 2016 12:39

Instrument :

BNA_G

ClientSampled :

PB91389BL

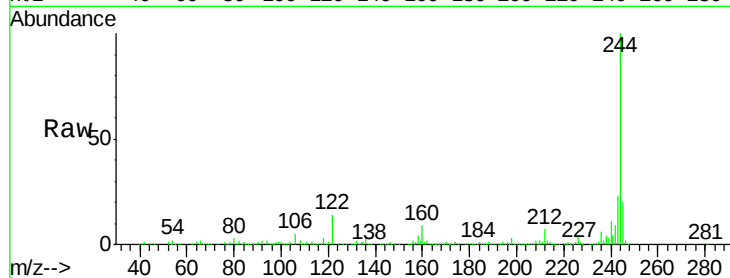
Tgt Ion:244 Resp: 582747

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

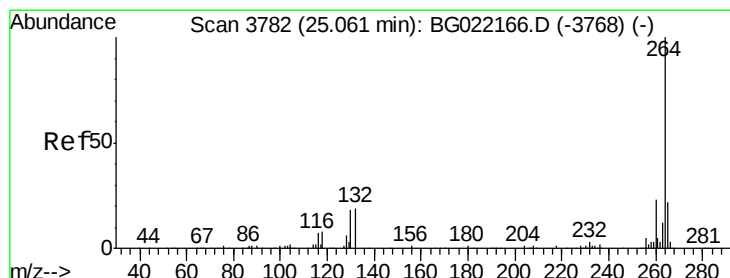
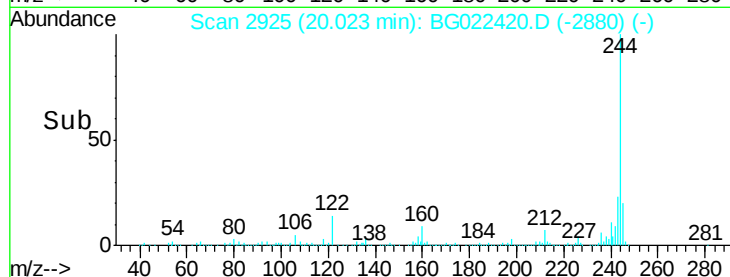
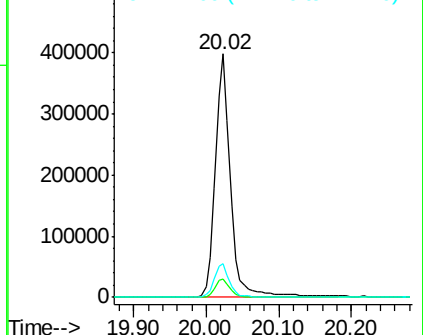
122 13.7 8.6 12.8#



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: 24.93 min Scan# 3761

Delta R.T. -0.08 min

Lab File: BG022420.D

Acq: 18 Jun 2016 12:39

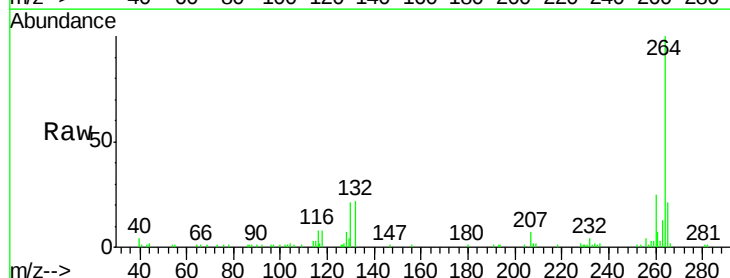
Tgt Ion:264 Resp: 112532

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.4

265 20.7 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

