

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022181.D
 Acq On : 6 Jun 2016 23:07
 Operator : UM/SJ
 Sample : PB91112BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BL

Quant Time: Jun 07 03:22:44 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	25346	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	115482	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	72267	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	174235	20.00	ng	0.00
75) Chrysene-d12	21.77	240	182490	20.00	ng	0.00
86) Perylene-d12	25.06	264	176433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	206072	157.20	ng	0.00
7) Phenol-d6	7.28	99	276443	134.12	ng	0.00
23) Nitrobenzene-d5	9.29	82	137095	82.77	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	108763	133.19	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	405636	85.54	ng	0.00
78) Terphenyl-d14	20.08	244	711939	92.62	ng	0.00

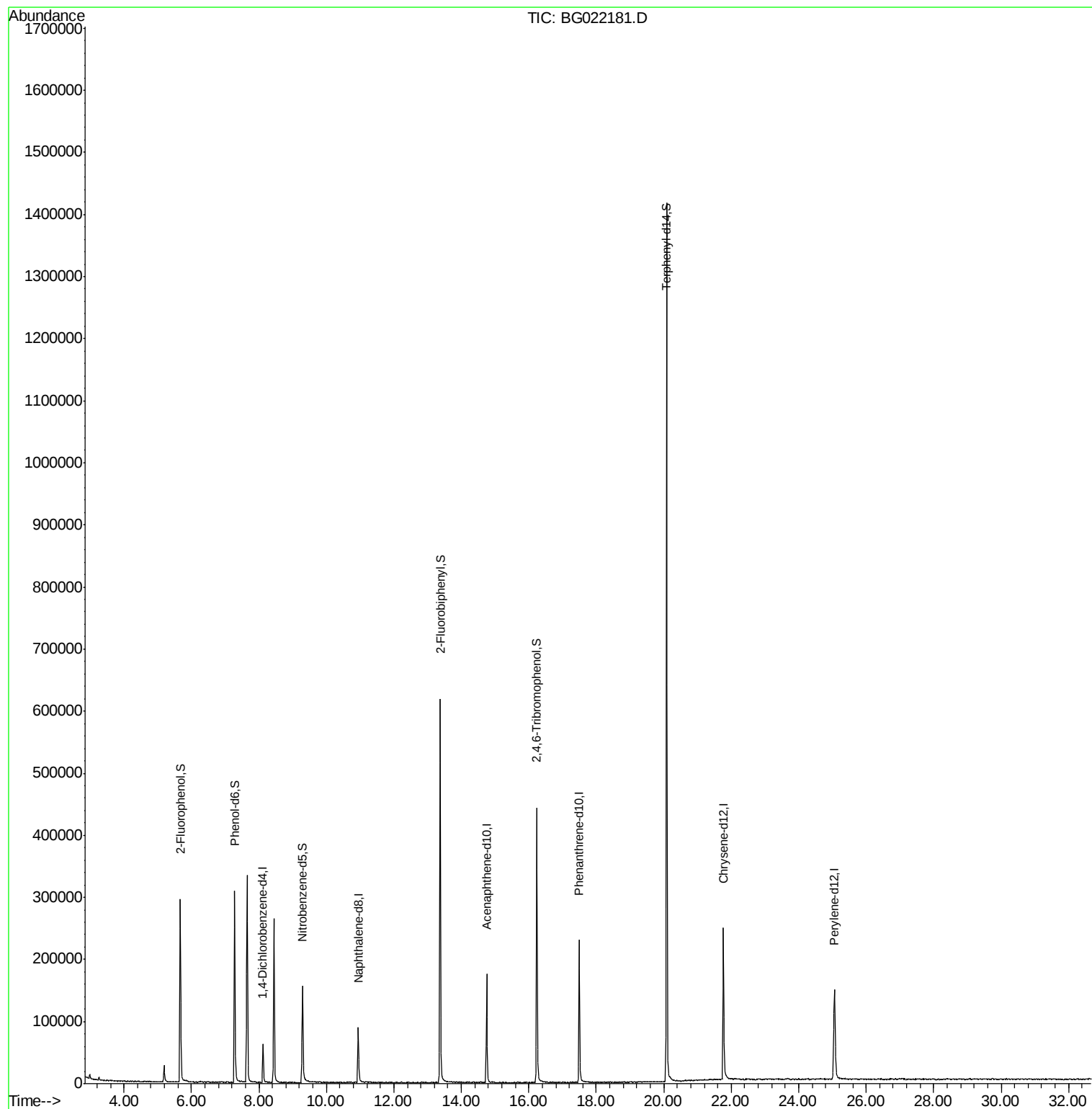
Target Compounds	Qvalue
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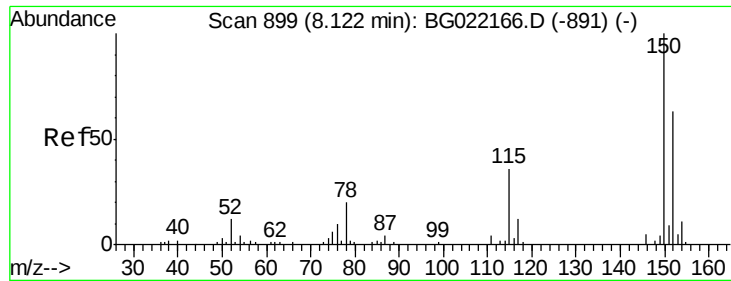
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG022181.D

Acq: 6 Jun 2016 23:07

Instrument :

BNA_G

ClientSampleId :

PB91112BL

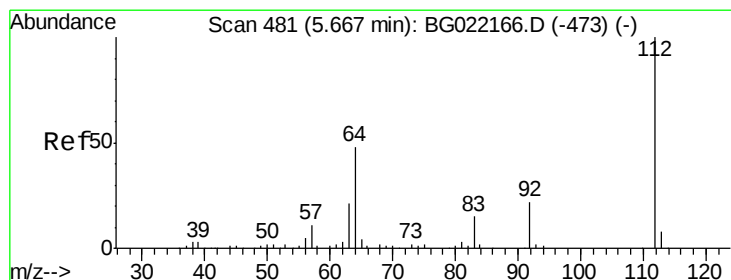
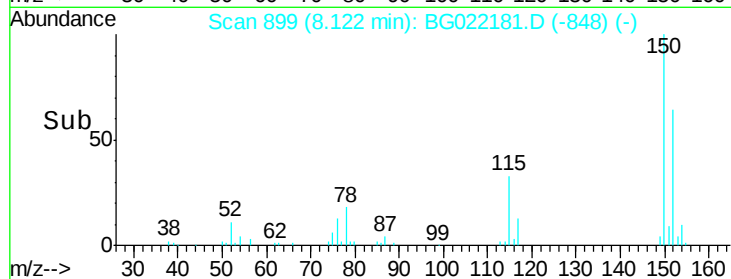
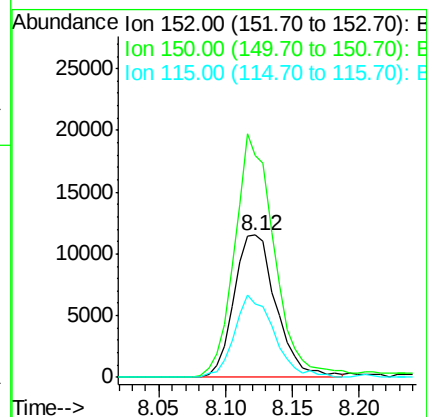
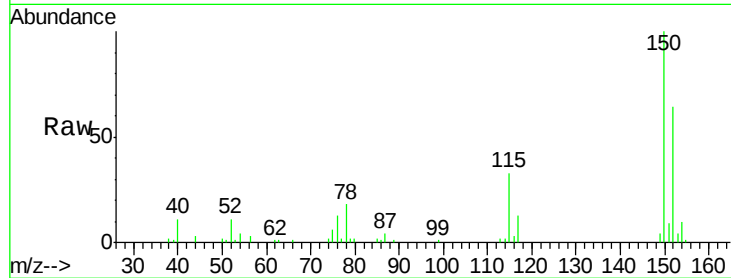
Tgt Ion:152 Resp: 25346

Ion Ratio Lower Upper

152 100

150 155.7 130.1 195.1

115 51.7 62.2 93.2#



#5

2-Fluorophenol

Concen: 157.20 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022181.D

Acq: 6 Jun 2016 23:07

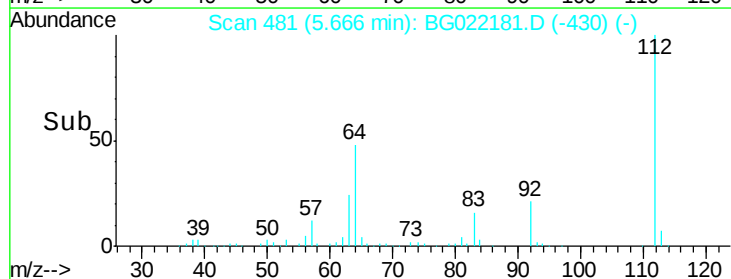
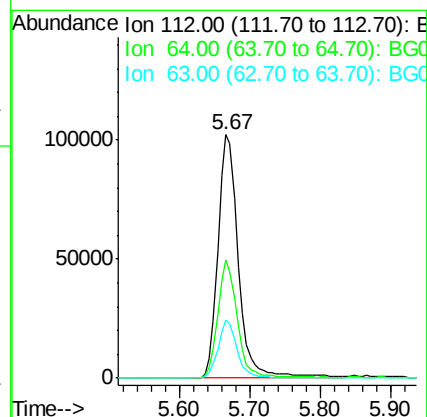
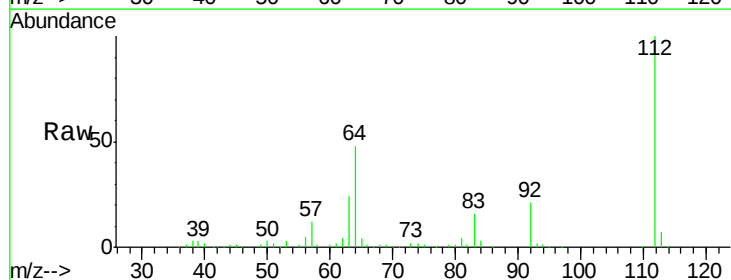
Tgt Ion:112 Resp: 206072

Ion Ratio Lower Upper

112 100

64 48.4 51.1 76.7#

63 23.7 24.6 37.0#





#7

Phenol-d6

Concen: 134.12 ng

RT: 7.28 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022181.D

Acq: 6 Jun 2016 23:07

Instrument :

BNA_G

ClientSampleId :

PB91112BL

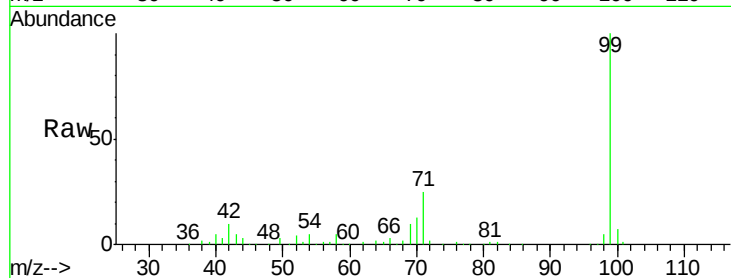
Tgt Ion: 99 Resp: 276443

Ion Ratio Lower Upper

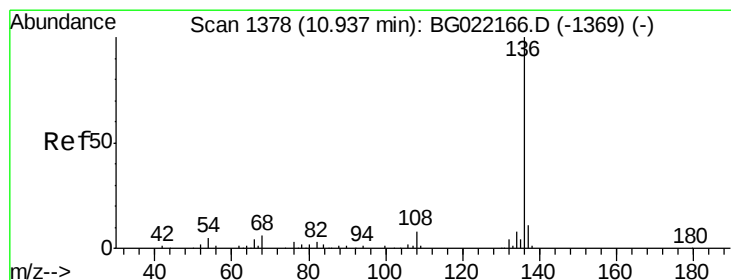
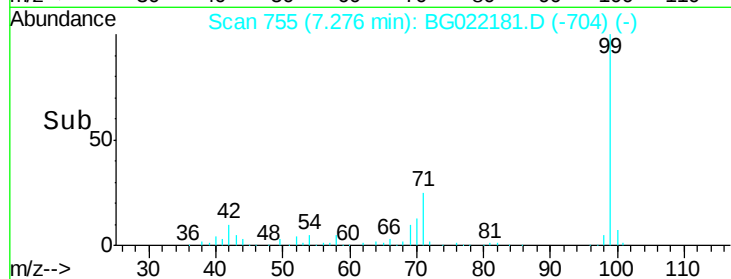
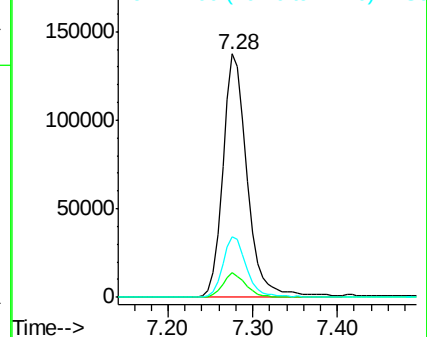
99 100

42 10.2 16.4 24.6#

71 24.9 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. 0.01 min

Lab File: BG022181.D

Acq: 6 Jun 2016 23:07

Tgt Ion: 136 Resp: 115482

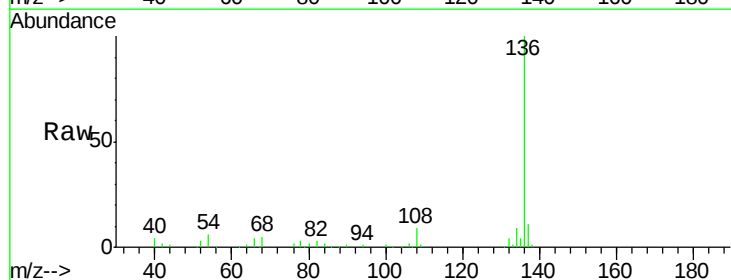
Ion Ratio Lower Upper

136 100

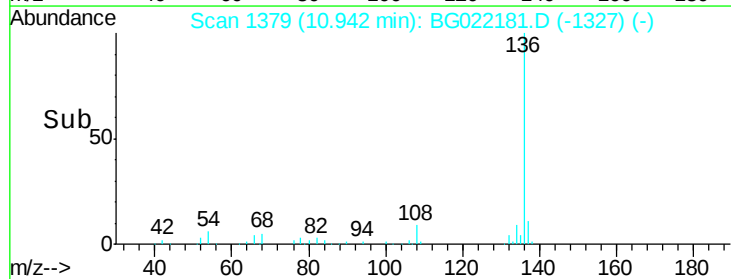
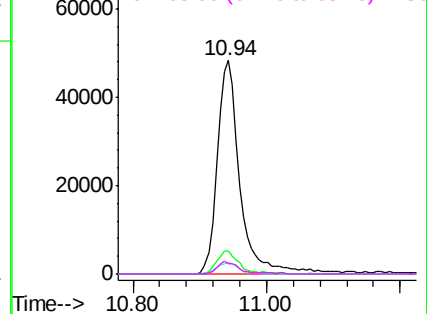
137 11.0 9.0 13.4

54 5.7 9.6 14.4#

68 4.9 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: 82.77 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG022181.D

Acq: 6 Jun 2016 23:07

Instrument :

BNA_G

ClientSampleId :

PB91112BL

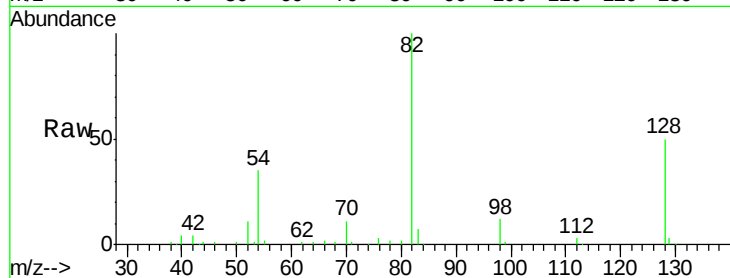
Tgt Ion: 82 Resp: 137095

Ion Ratio Lower Upper

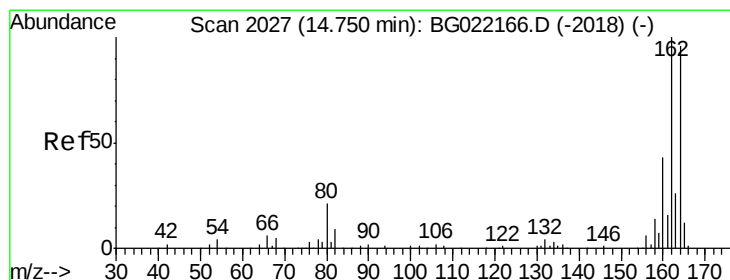
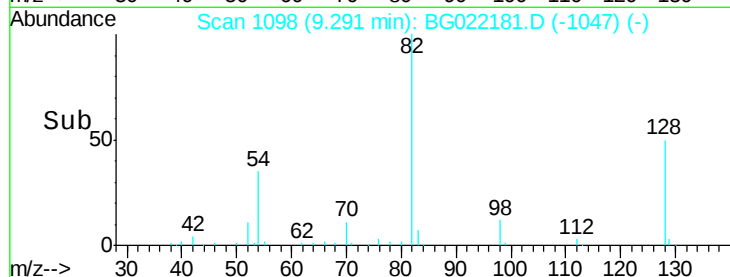
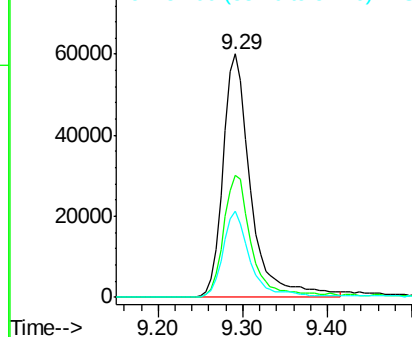
82 100

128 50.3 33.4 50.0#

54 35.2 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: BG022181.D

Acq: 6 Jun 2016 23:07

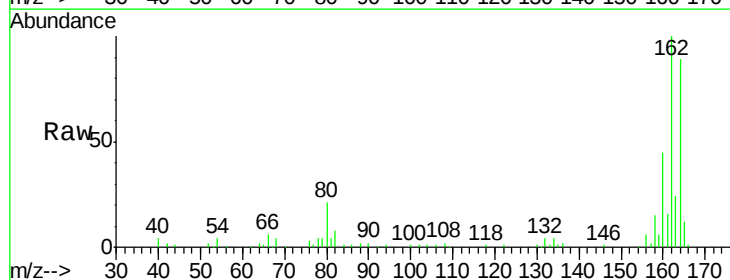
Tgt Ion: 164 Resp: 72267

Ion Ratio Lower Upper

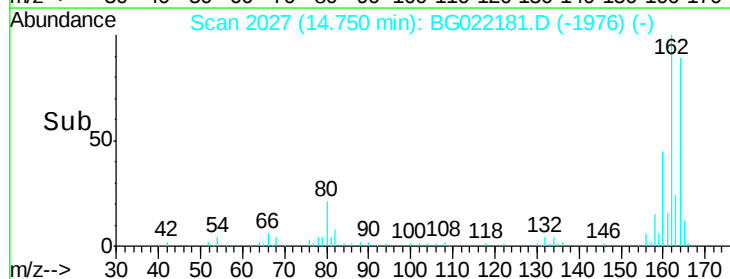
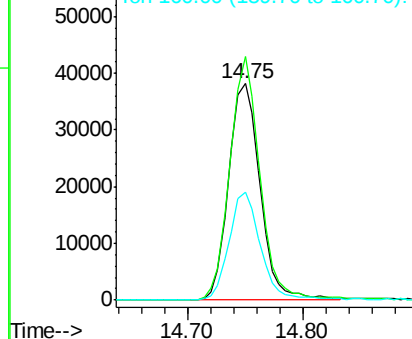
164 100

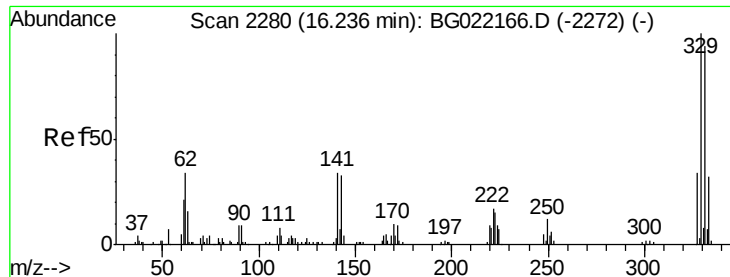
162 112.5 78.0 117.0

160 50.1 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

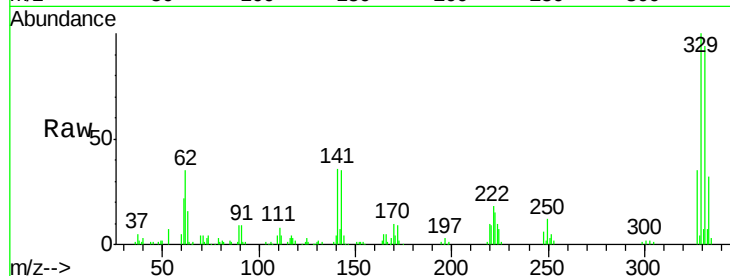




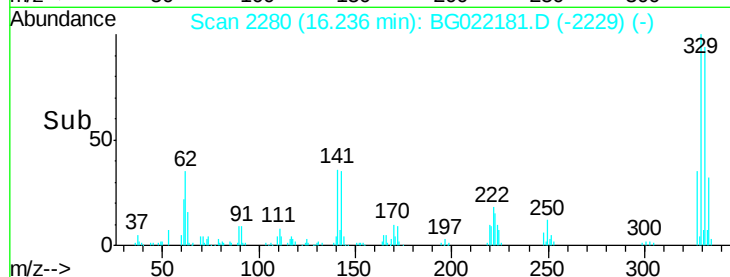
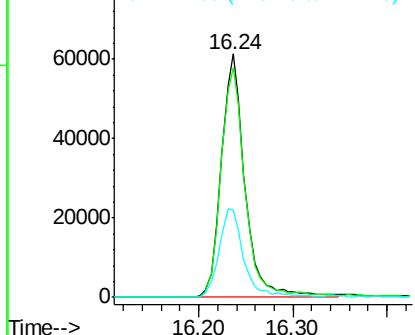
#41
 2,4,6-Tribromophenol
 Concen: 133.19 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022181.D
 Acq: 6 Jun 2016 23:07

Instrument :
 BNA_G
 ClientSampleId :
 PB91112BL

Tgt Ion:330 Resp: 108763
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.0 117.0
 141 37.6 33.8 50.8

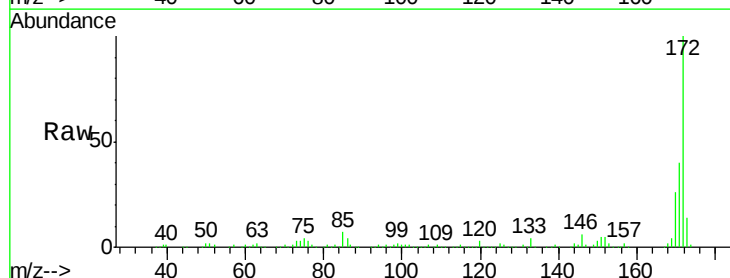


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

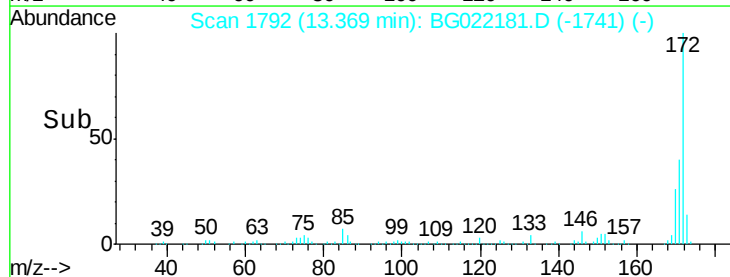
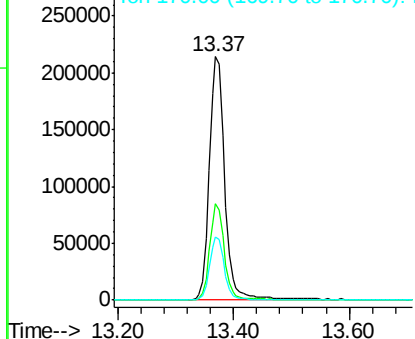


#44
 2-Fluorobiphenyl
 Concen: 85.54 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022181.D
 Acq: 6 Jun 2016 23:07

Tgt Ion:172 Resp: 405636
 Ion Ratio Lower Upper
 172 100
 171 39.7 27.8 41.6
 170 25.7 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

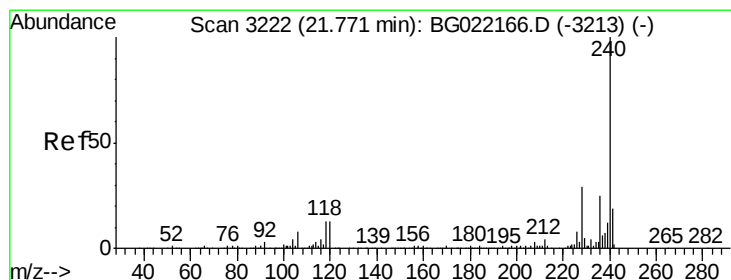
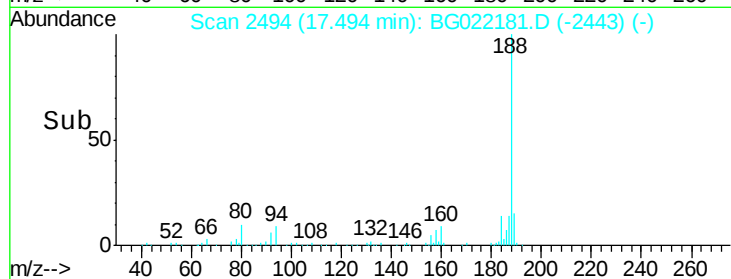
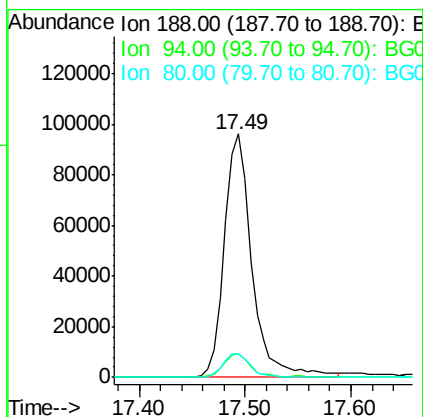
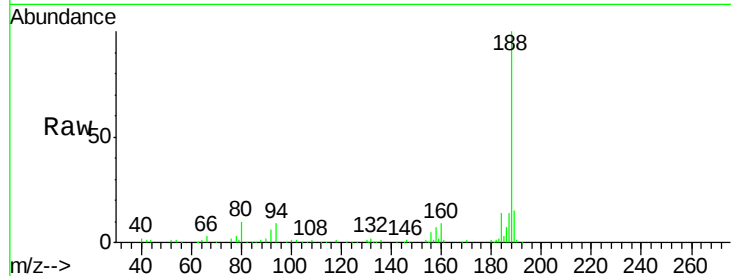




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022181.D
Acq: 6 Jun 2016 23:07

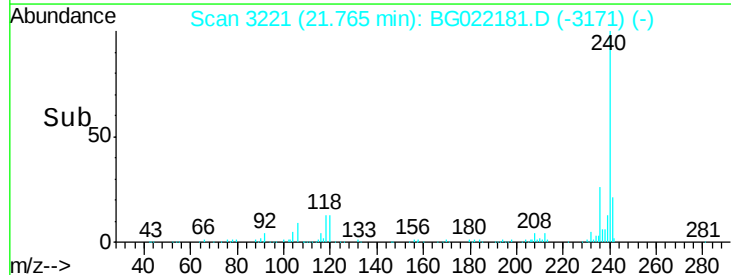
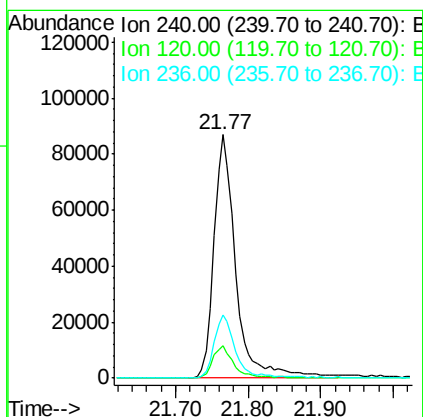
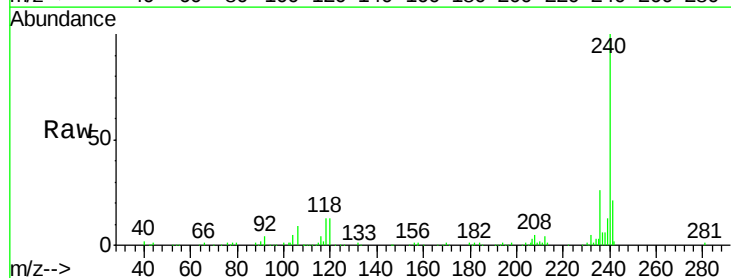
Instrument :
BNA_G
ClientSampleId :
PB91112BL

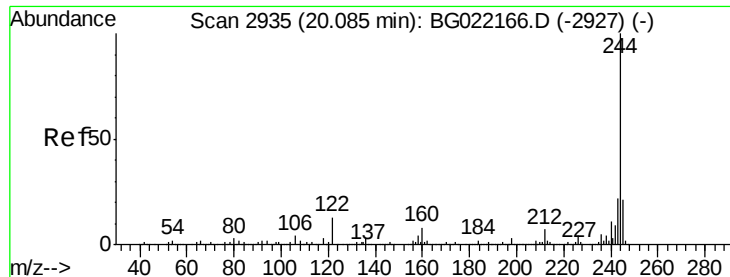
Tgt Ion:188 Resp: 174235
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.8 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022181.D
Acq: 6 Jun 2016 23:07

Tgt Ion:240 Resp: 182490
Ion Ratio Lower Upper
240 100
120 13.2 8.4 12.6#
236 25.9 19.6 29.4





#78

Terphenyl-d14

Concen: 92.62 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.00 min

Lab File: BG022181.D

Acq: 6 Jun 2016 23:07

Instrument :

BNA_G

ClientSampleId :

PB91112BL

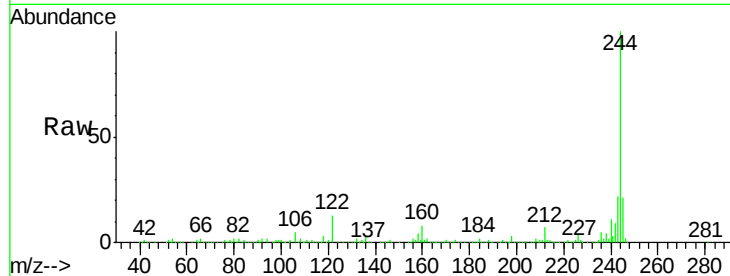
Tgt Ion:244 Resp: 711939

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

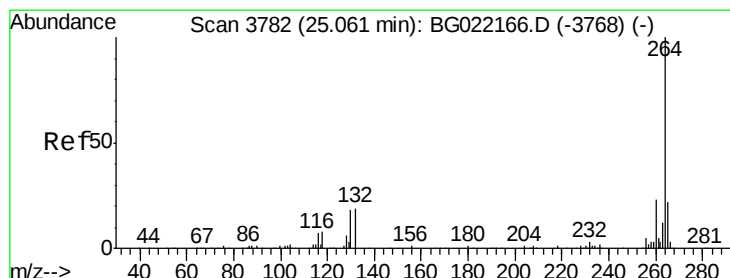
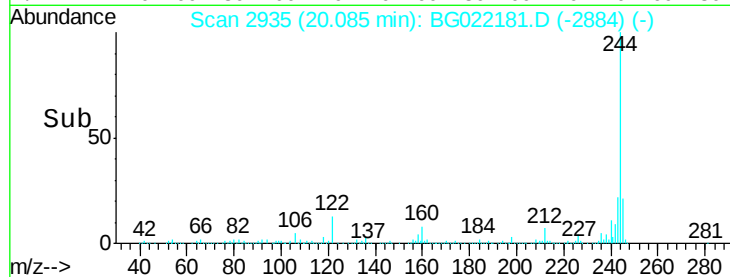
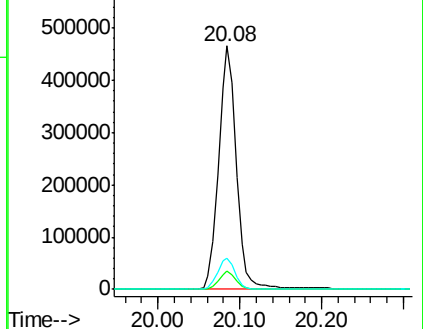
122 13.0 8.6 12.8#



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: 25.06 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG022181.D

Acq: 6 Jun 2016 23:07

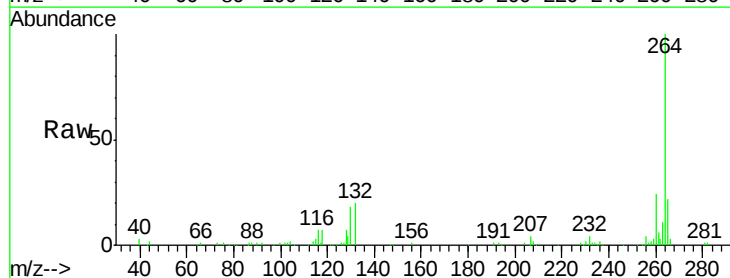
Tgt Ion:264 Resp: 176433

Ion Ratio Lower Upper

264 100

260 24.4 20.2 30.4

265 22.0 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

