

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030618\
 Data File : BG033023.D
 Acq On : 6 Mar 2018 15:37
 Operator : SJ/JU
 Sample : PB107075BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107075BL

Quant Time: Mar 06 17:57:01 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	50589	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	223979	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	128331	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	320148	20.00	ng	0.00
75) Chrysene-d12	22.60	240	310885	20.00	ng	0.00
86) Perylene-d12	26.40	264	303139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	245337	77.59	ng	0.00
7) Phenol-d6	8.01	99	325616	73.88	ng	0.00
23) Nitrobenzene-d5	10.11	82	277460	85.85	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	96917	71.82	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	615464	69.17	ng	0.00
78) Terphenyl-d14	20.77	244	968605	70.00	ng	0.00

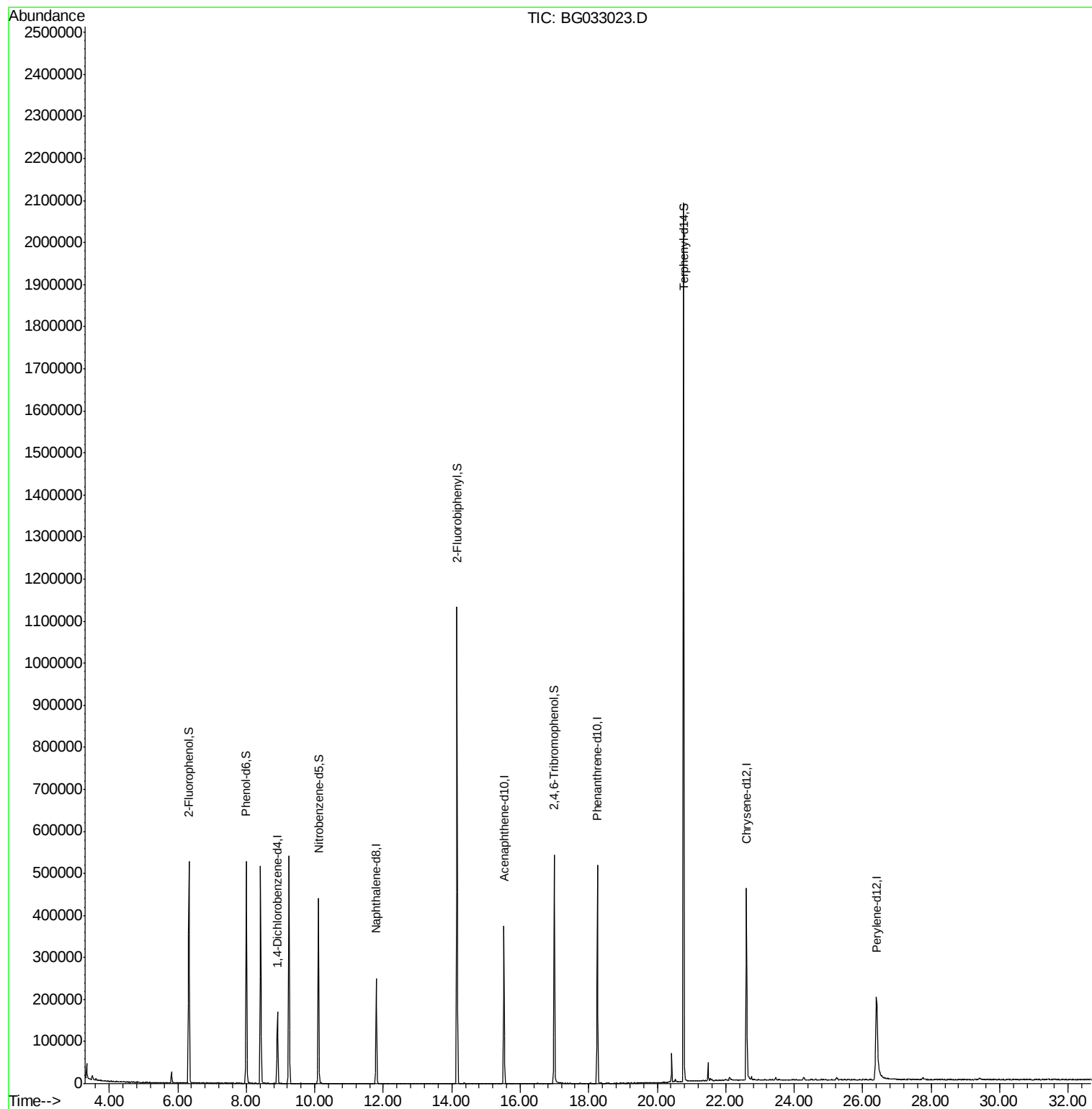
Target Compounds	Qvalue
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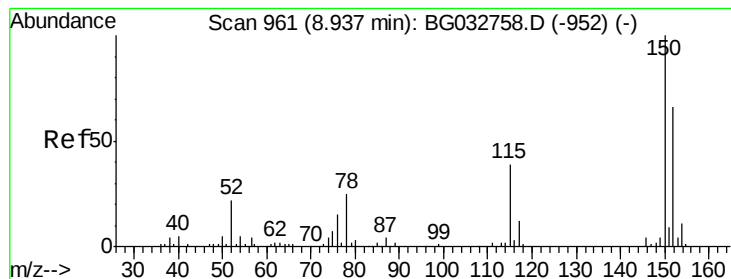
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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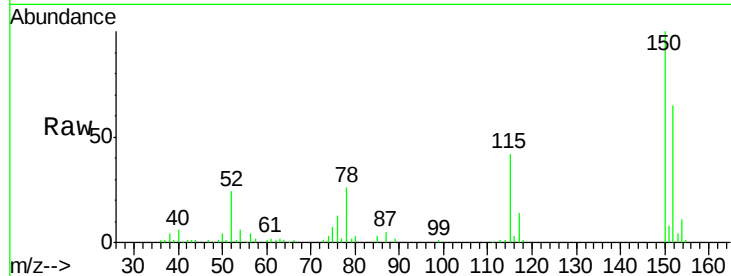


#1

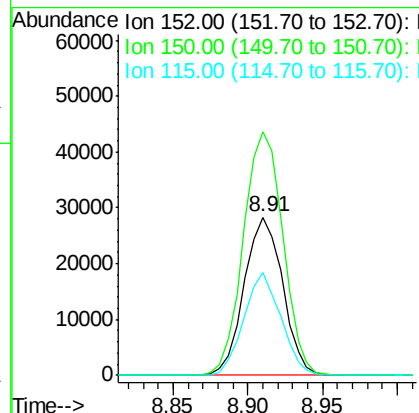
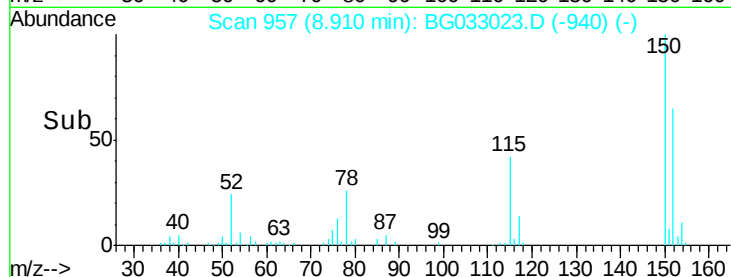
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BG033023.D
 Acq: 6 Mar 2018 15:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107075BL

Tot Ion:152 Resp: 50589
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.6 189.8
 115 64.8 53.0 79.4



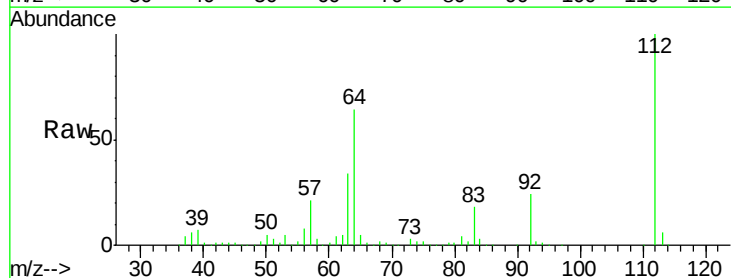
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



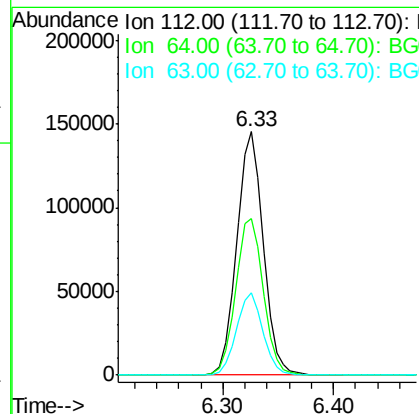
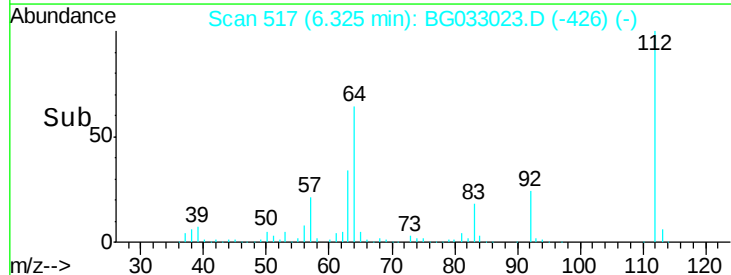
#5

2-Fluorophenol
 Concen: 77.587 ng
 RT: 6.33 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BG033023.D
 Acq: 6 Mar 2018 15:37

Tgt Ion:112 Resp: 245337
 Ion Ratio Lower Upper
 112 100
 64 64.4 56.3 84.5
 63 34.0 30.1 45.1



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: 73.877 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033023.D

Acq: 6 Mar 2018 15:37

Instrument :

BNA_G

ClientSampleId :

PB107075BL

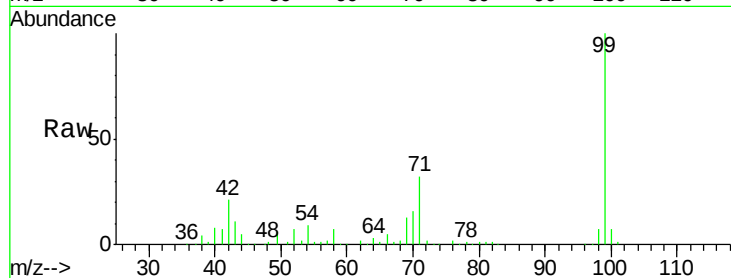
Tot Ion: 99 Resp: 325616

Ion Ratio Lower Upper

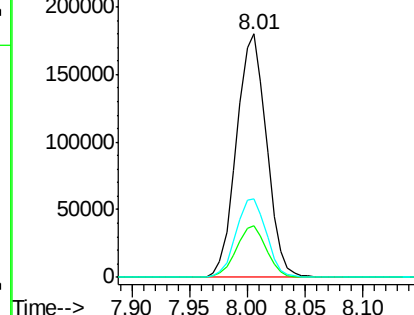
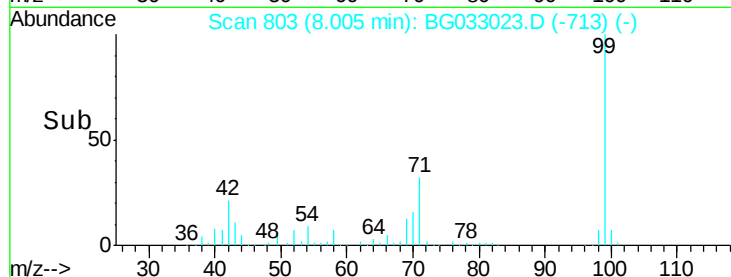
99 100

42 21.1 14.1 21.1

71 32.3 26.1 39.1



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: 20.000 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033023.D

Acq: 6 Mar 2018 15:37

Tgt Ion: 136 Resp: 223979

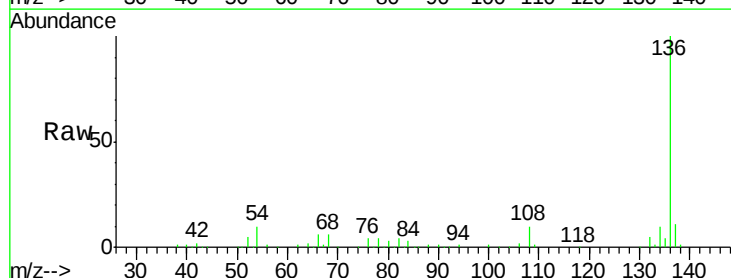
Ion Ratio Lower Upper

136 100

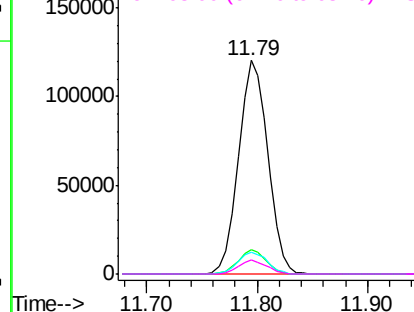
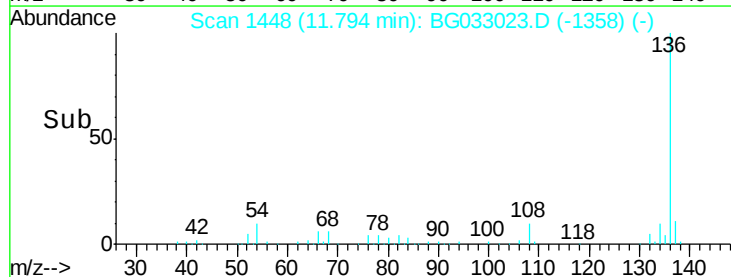
137 11.5 9.2 13.8

54 10.5 10.3 15.5

68 6.3 4.5 6.7



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: 85.853 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG033023.D

Acq: 6 Mar 2018 15:37

Instrument :

BNA_G

ClientSampleId :

PB107075BL

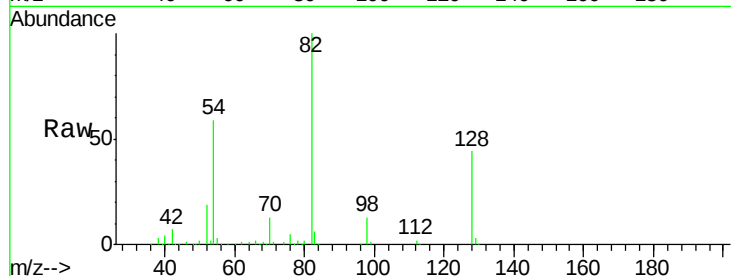
Tot Ion: 82 Resp: 277460

Ion Ratio Lower Upper

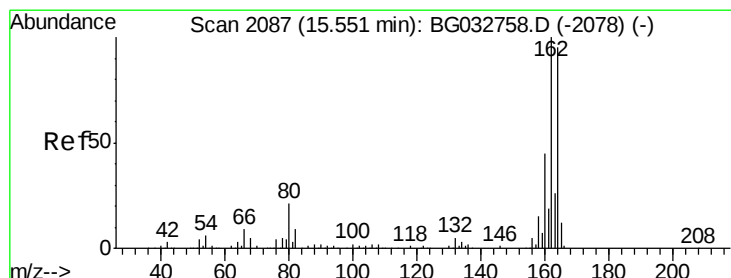
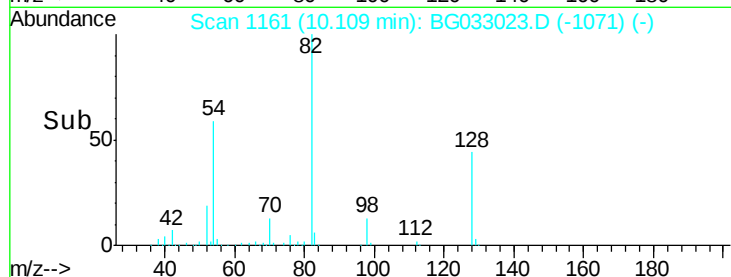
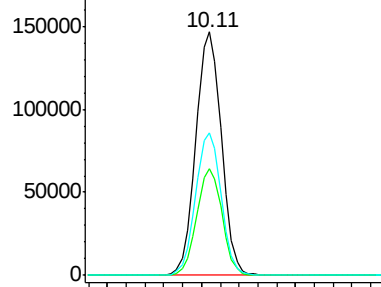
82 100

128 43.9 29.7 44.5

54 58.8 43.1 64.7



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: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033023.D

Acq: 6 Mar 2018 15:37

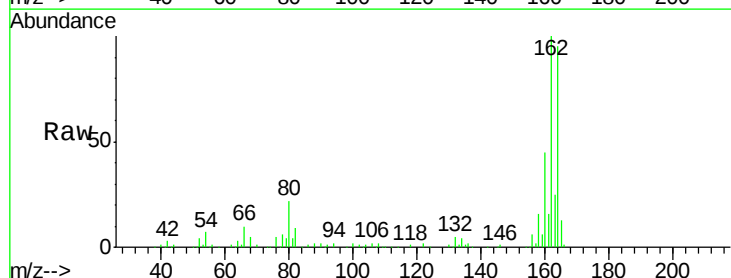
Tgt Ion:164 Resp: 128331

Ion Ratio Lower Upper

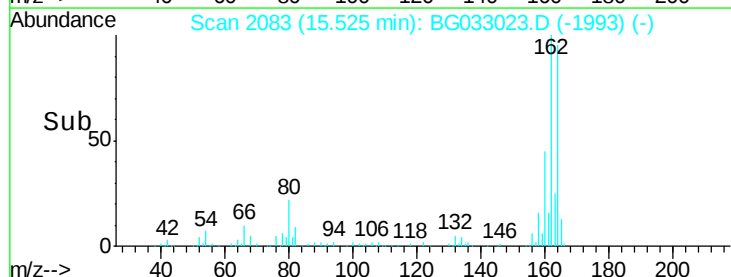
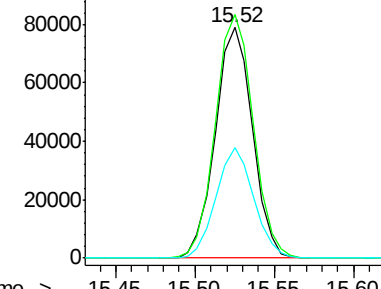
164 100

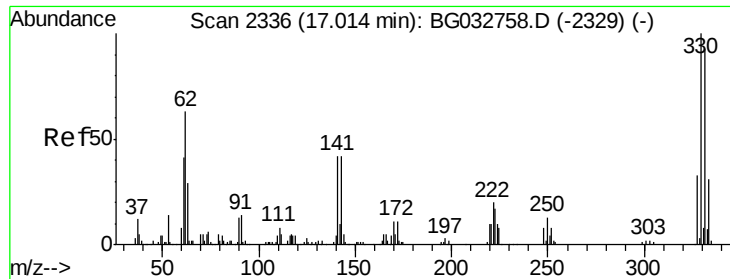
162 105.6 78.8 118.2

160 47.9 35.4 53.0



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

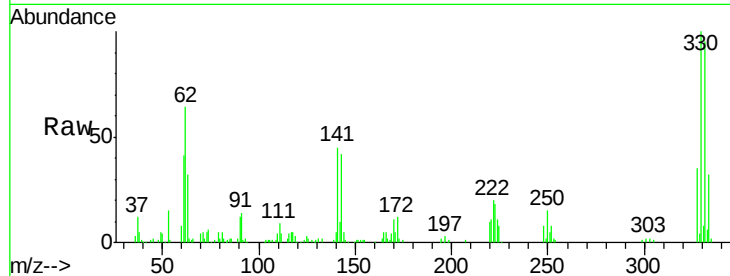




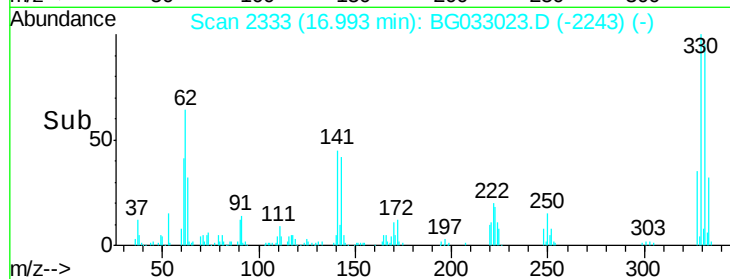
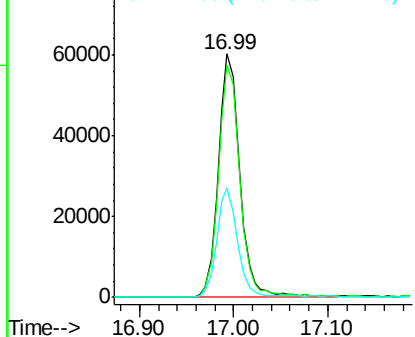
#41
 2,4,6-Tribromophenol
 Concen: 71.825 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033023.D
 Acq: 6 Mar 2018 15:37

Instrument :
 BNA_G
 ClientSampleId :
 PB107075BL

Tot Ion:330 Resp: 96917
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 43.1 25.2 37.8#

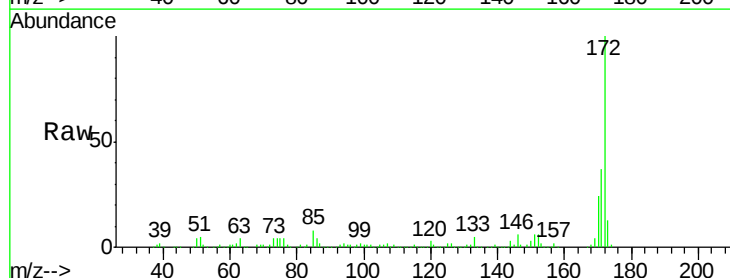


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

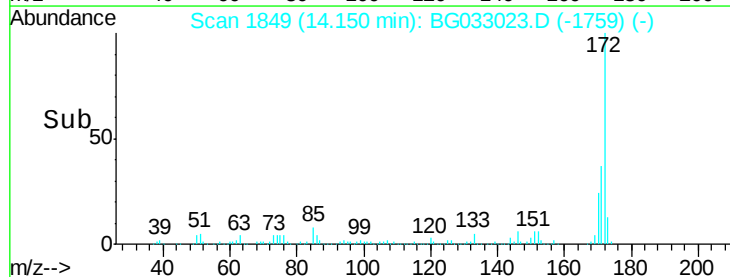
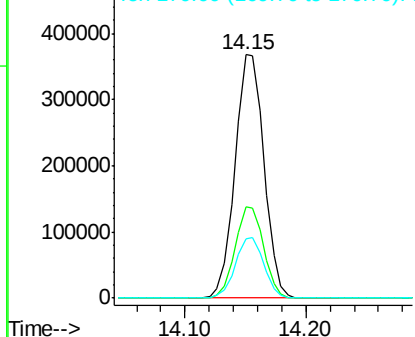


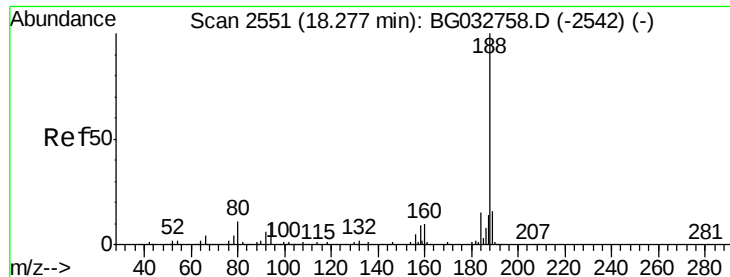
#44
 2-Fluorobiphenyl
 Concen: 69.169 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033023.D
 Acq: 6 Mar 2018 15:37

Tgt Ion:172 Resp: 615464
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.5 19.5 29.3



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

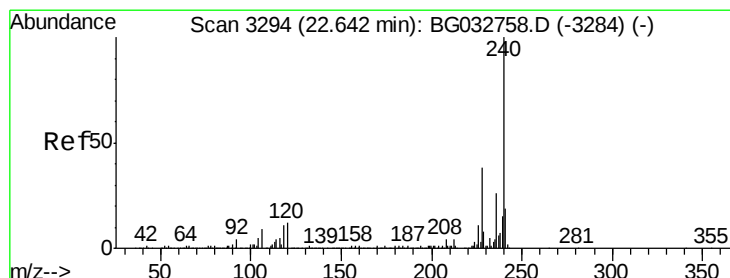
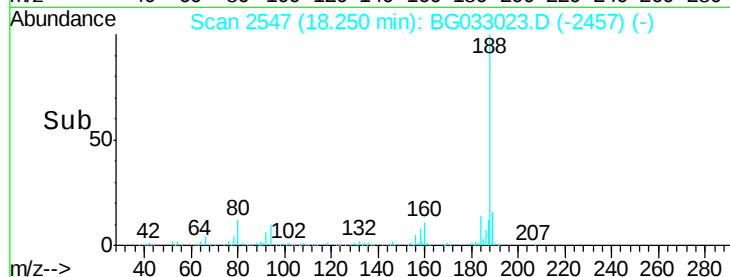
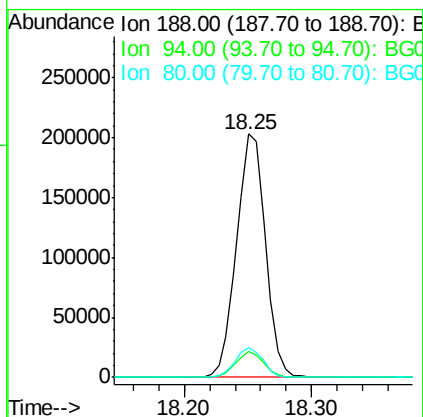
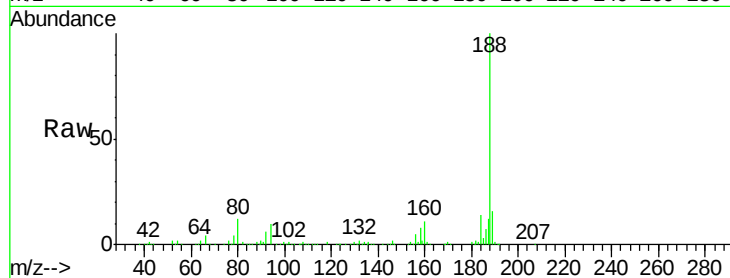




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

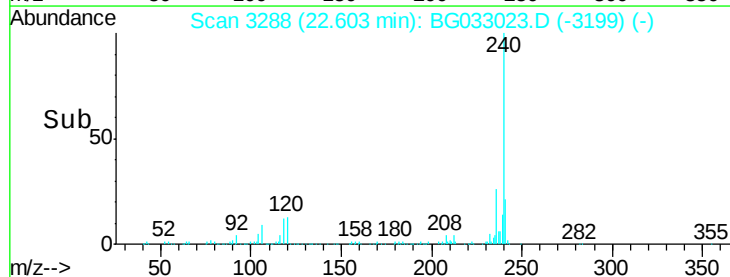
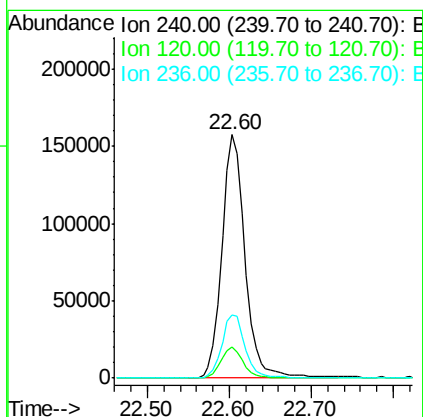
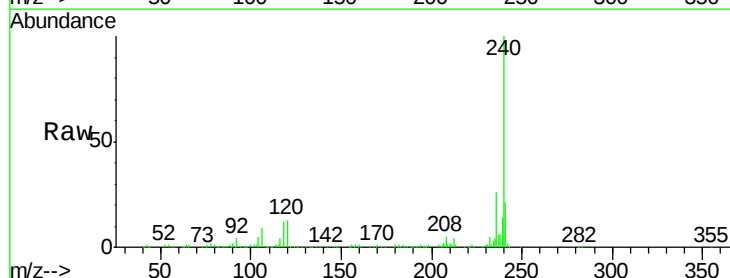
Instrument :
BNA_G
ClientSampleId :
PB107075BL

Tot Ion:188 Resp: 320148
Ion Ratio Lower Upper
188 100
94 10.5 6.9 10.3#
80 12.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033023.D
Acq: 6 Mar 2018 15:37

Tgt Ion:240 Resp: 310885
Ion Ratio Lower Upper
240 100
120 13.0 6.8 10.2#
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 70.000 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033023.D

Acq: 6 Mar 2018 15:37

Instrument :

BNA_G

ClientSampleId :

PB107075BL

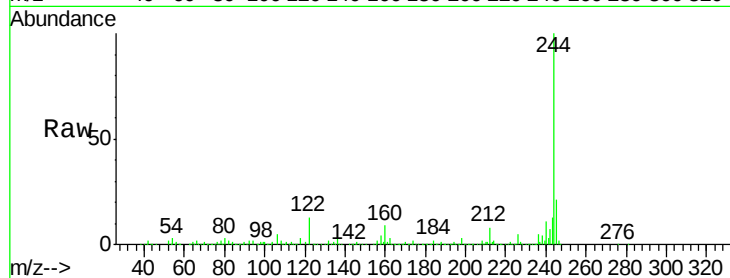
Tot Ion:244 Resp: 968605

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

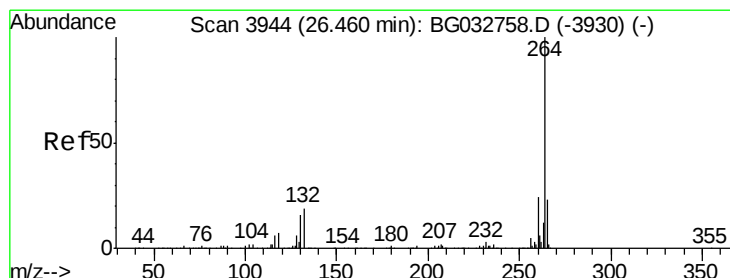
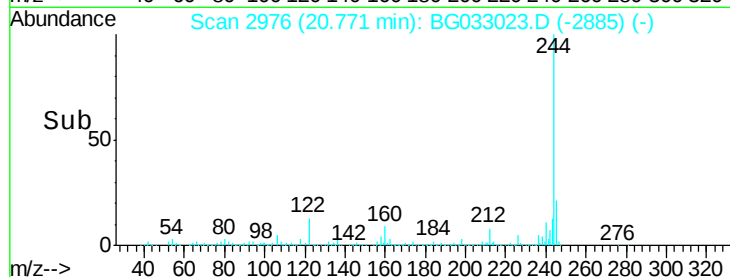
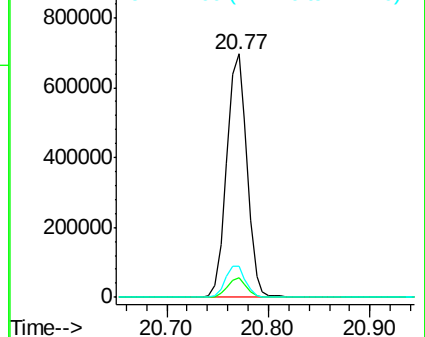
122 12.9 7.0 10.4#



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: 20.000 ng

RT: 26.40 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033023.D

Acq: 6 Mar 2018 15:37

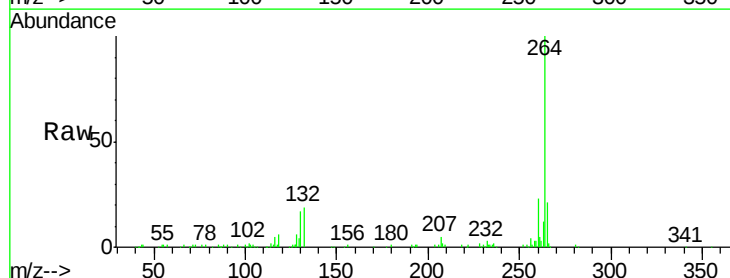
Tgt Ion:264 Resp: 303139

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.5 17.7 26.5



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

