

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033100.D
 Acq On : 12 Mar 2018 21:50
 Operator : SJ/JU
 Sample : PB107243BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BL

Quant Time: Mar 13 04:16:40 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	40012	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	174630	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	100147	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	238807	20.00	ng	0.00
75) Chrysene-d12	22.60	240	235548	20.00	ng	0.00
86) Perylene-d12	26.40	264	208051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	201408	80.53	ng	0.00
7) Phenol-d6	8.00	99	271867	77.99	ng	0.00
23) Nitrobenzene-d5	10.11	82	237042	93.12	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	83411	79.21	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	533023	76.76	ng	0.00
78) Terphenyl-d14	20.76	244	809110	77.18	ng	0.00

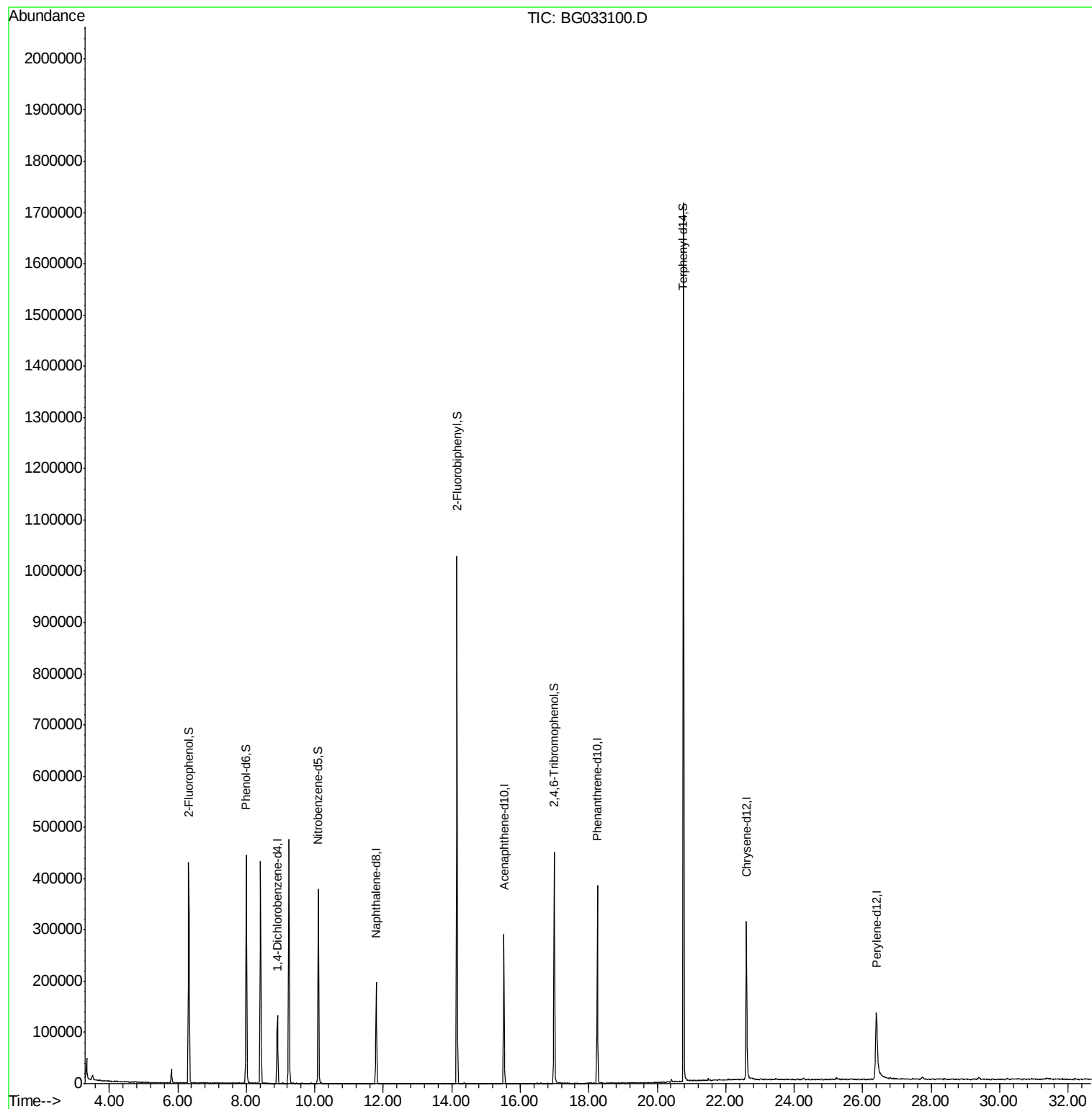
Target Compounds Qvalue

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

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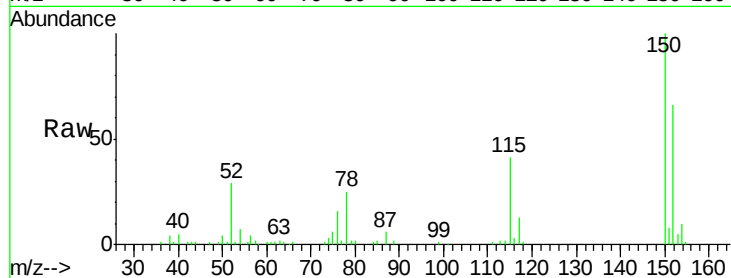


#1

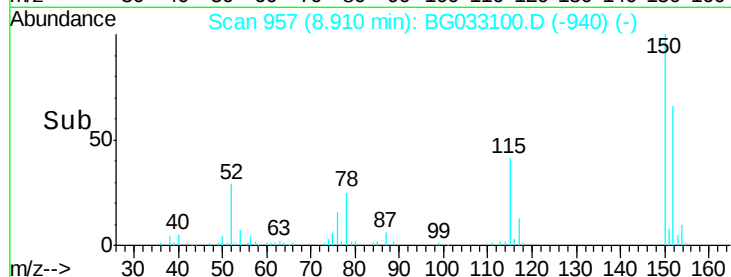
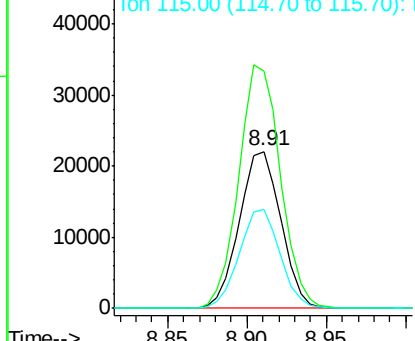
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033100.D
Acq: 12 Mar 2018 21:50

Instrument :
BNA_G
ClientSampleId :
PB107243BL

Tot Ion:152 Resp: 40012
Ion Ratio Lower Upper
152 100
150 151.3 126.6 189.8
115 62.7 53.0 79.4



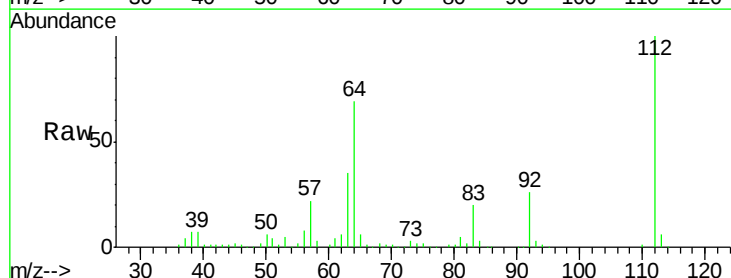
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



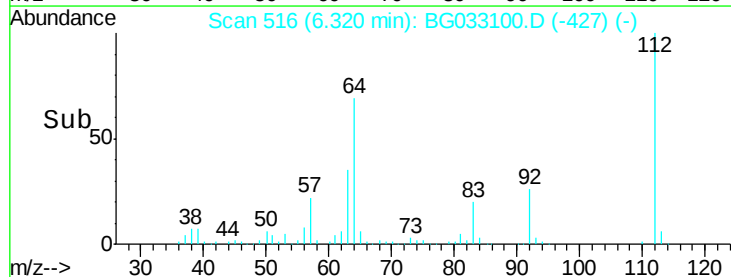
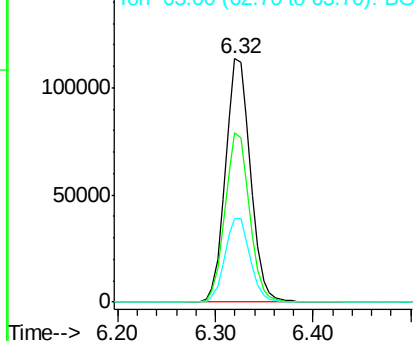
#5

2-Fluorophenol
Concen: 80.532 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033100.D
Acq: 12 Mar 2018 21:50

Tgt Ion:112 Resp: 201408
Ion Ratio Lower Upper
112 100
64 69.5 56.3 84.5
63 34.6 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: 77.988 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033100.D

Acq: 12 Mar 2018 21:50

Instrument :

BNA_G

ClientSampleId :

PB107243BL

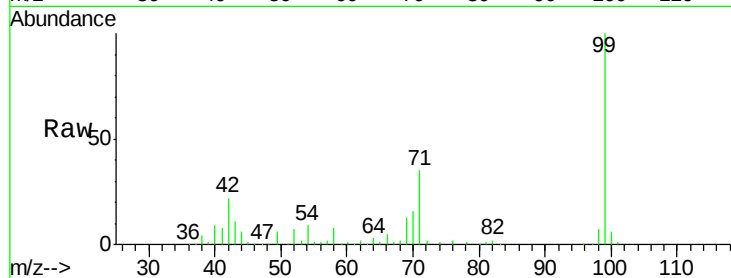
Tot Ion: 99 Resp: 271867

Ion Ratio Lower Upper

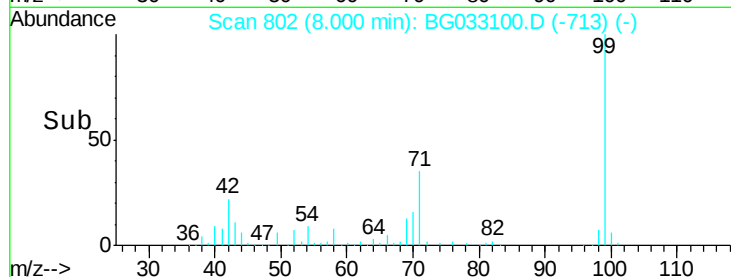
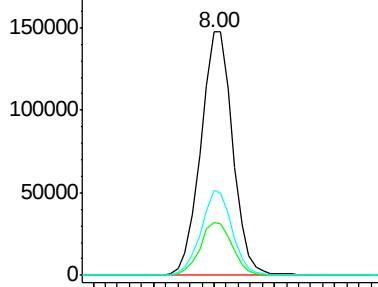
99 100

42 21.8 14.1 21.1#

71 35.0 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: BG033100.D

Acq: 12 Mar 2018 21:50

Tgt Ion: 136 Resp: 174630

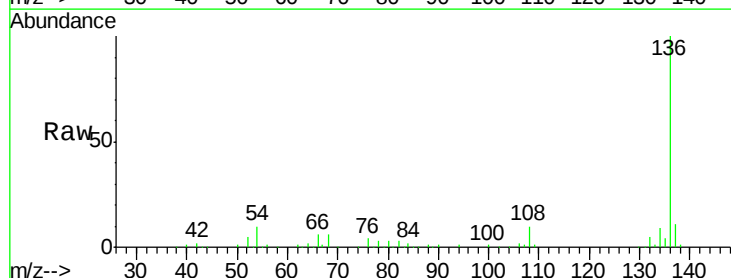
Ion Ratio Lower Upper

136 100

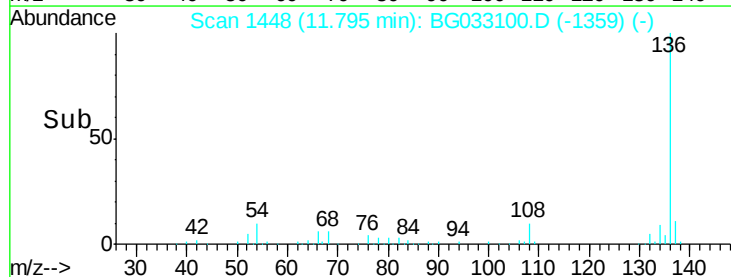
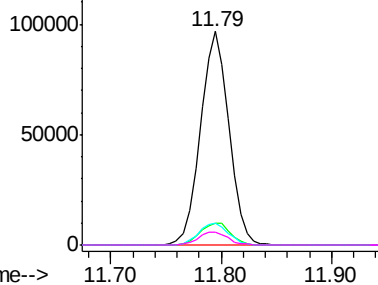
137 10.5 9.2 13.8

54 10.1 10.3 15.5#

68 6.0 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

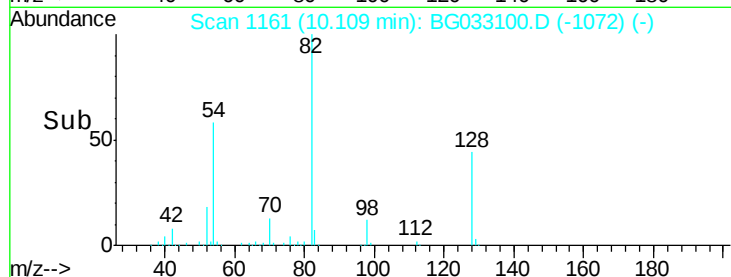
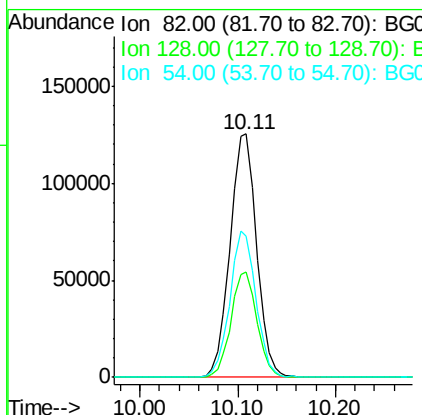
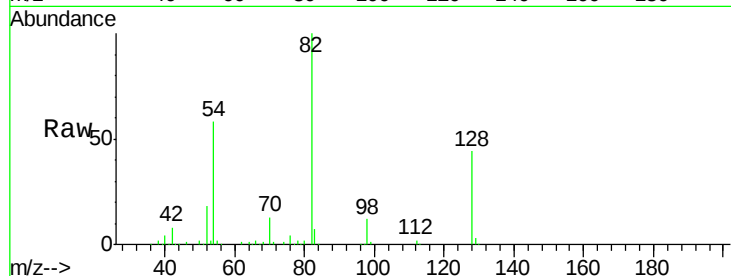




#23
Nitrobenzene-d5
Concen: 93.124 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033100.D
Acq: 12 Mar 2018 21:50

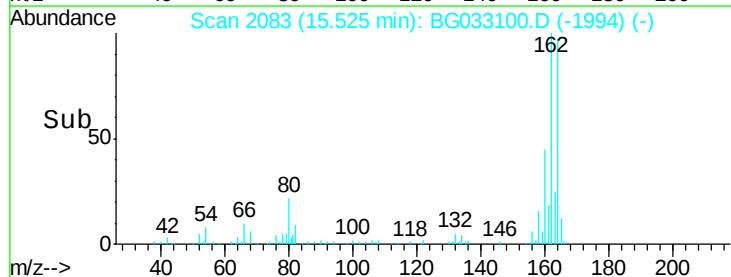
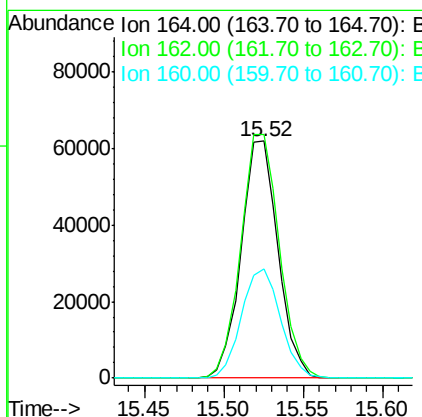
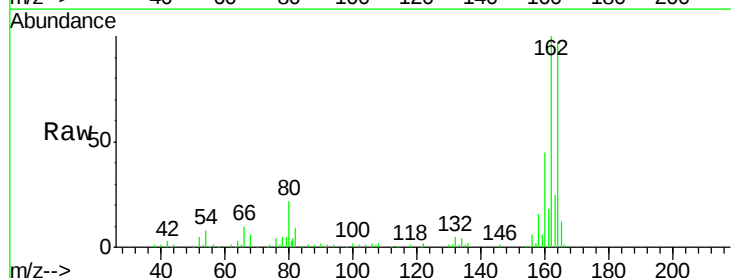
Instrument :
BNA_G
ClientSampleId :
PB107243BL

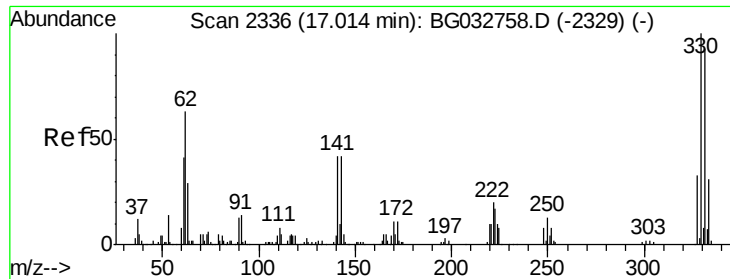
Tot Ion: 82 Resp: 237042
Ion Ratio Lower Upper
82 100
128 43.5 29.7 44.5
54 58.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033100.D
Acq: 12 Mar 2018 21:50

Tgt Ion: 164 Resp: 100147
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 46.1 35.4 53.0

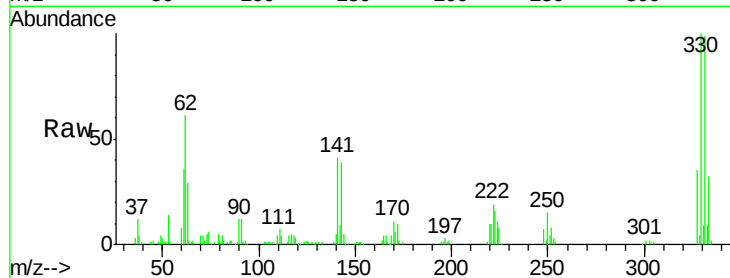




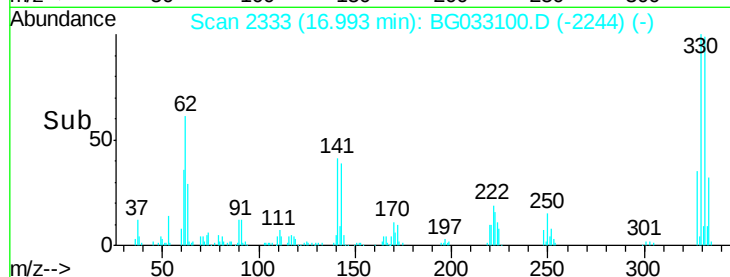
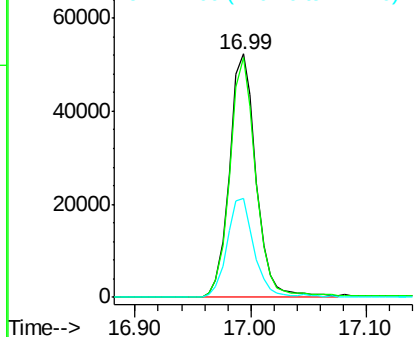
#41
 2,4,6-Tribromophenol
 Concen: 79.212 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033100.D
 Acq: 12 Mar 2018 21:50

Instrument :
 BNA_G
 ClientSampleId :
 PB107243BL

Tot Ion:330 Resp: 83411
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 40.7 25.2 37.8#

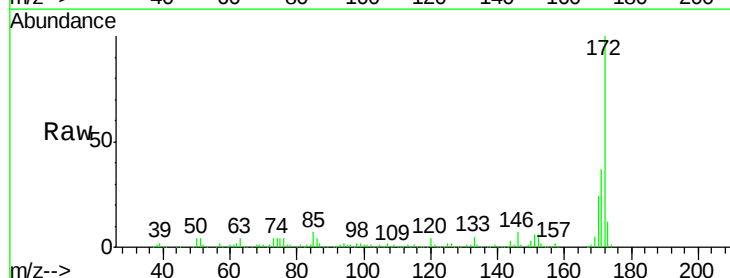


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

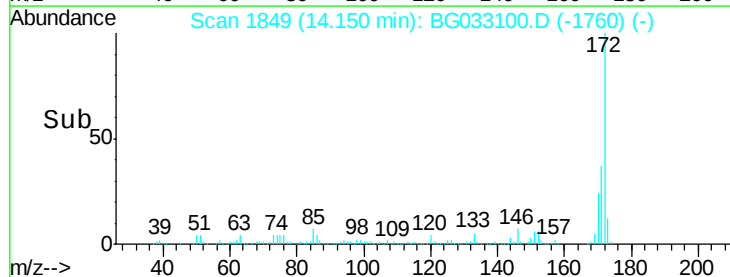
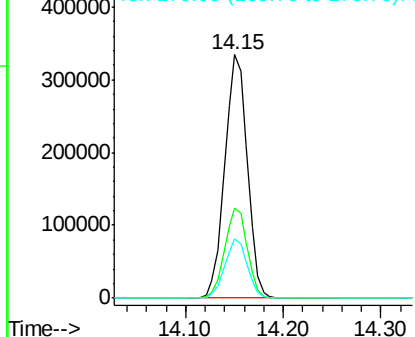


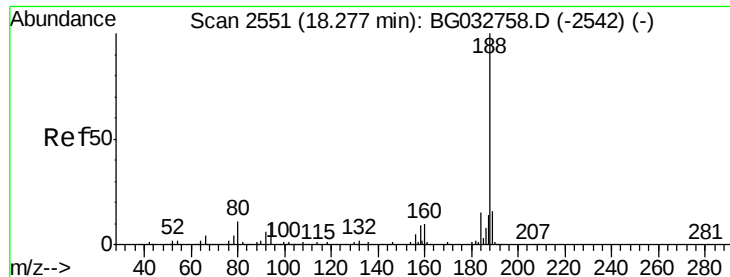
#44
 2-Fluorobiphenyl
 Concen: 76.763 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033100.D
 Acq: 12 Mar 2018 21:50

Tgt Ion:172 Resp: 533023
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.0 45.0
 170 24.2 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: BG033100.D

Acq: 12 Mar 2018 21:50

Instrument :

BNA_G

ClientSampleId :

PB107243BL

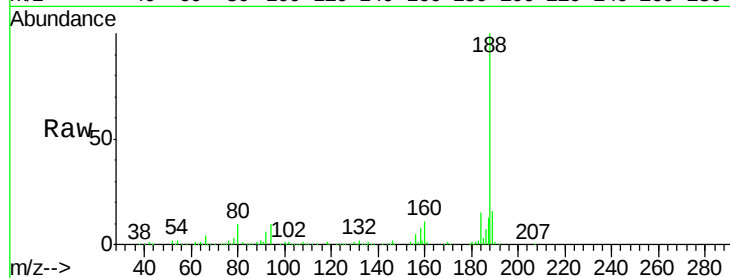
Tot Ion:188 Resp: 238807

Ion Ratio Lower Upper

188 100

94 9.6 6.9 10.3

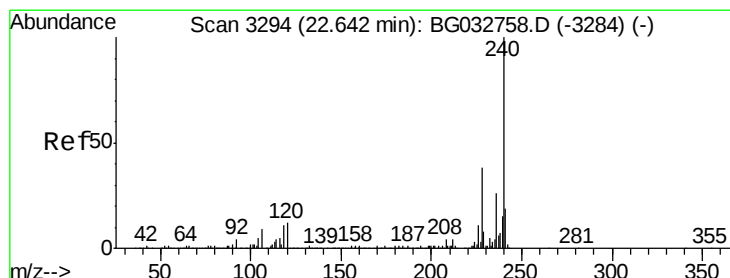
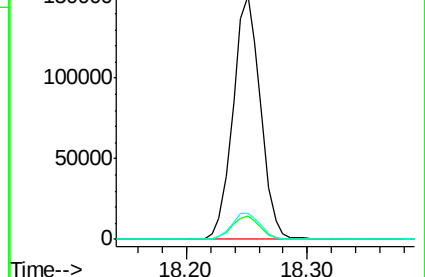
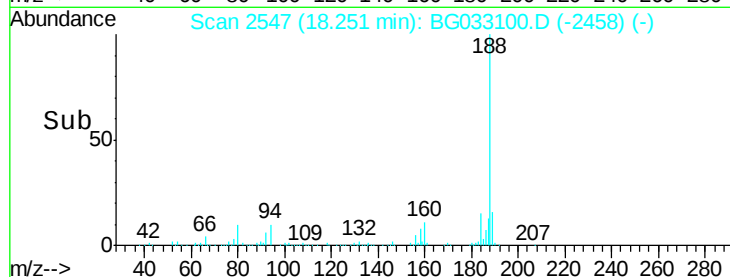
80 10.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033100.D

Acq: 12 Mar 2018 21:50

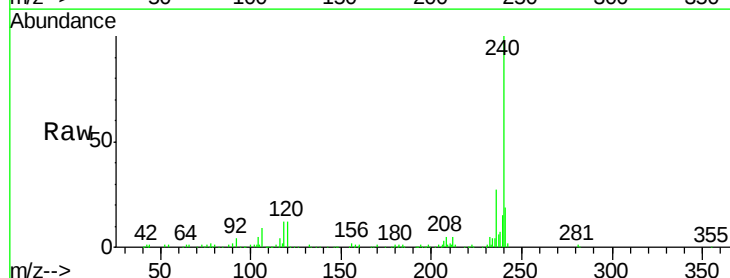
Tgt Ion:240 Resp: 235548

Ion Ratio Lower Upper

240 100

120 11.6 6.8 10.2#

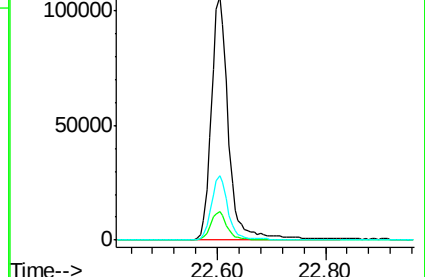
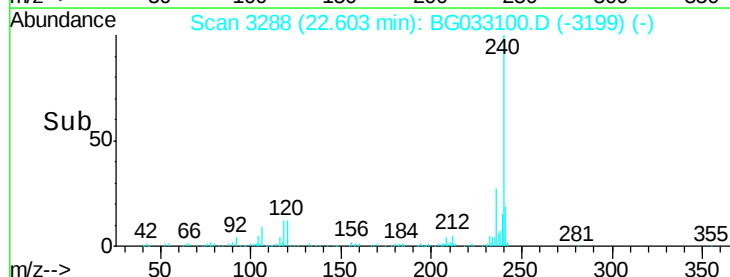
236 26.7 20.9 31.3



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: 77.175 ng

RT: 20.76 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033100.D

Acq: 12 Mar 2018 21:50

Instrument :

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ClientSampleId :

PB107243BL

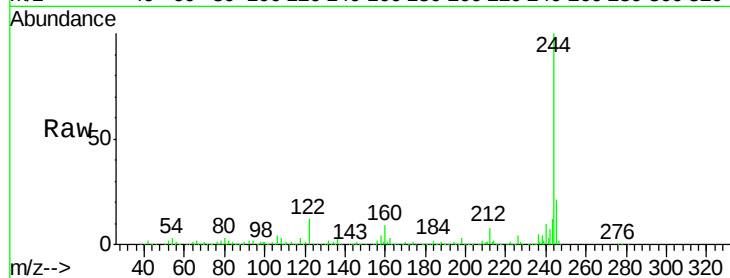
Tot Ion:244 Resp: 809110

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

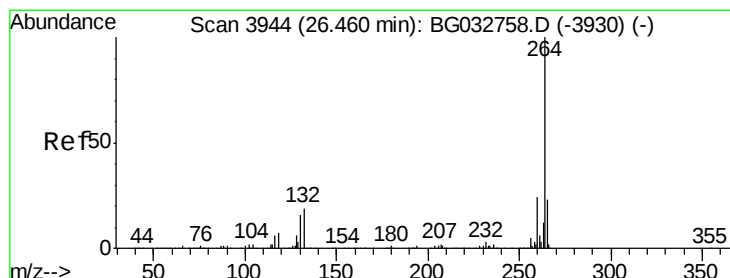
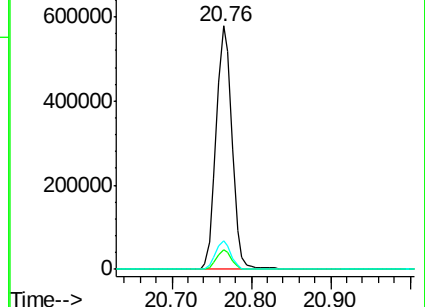
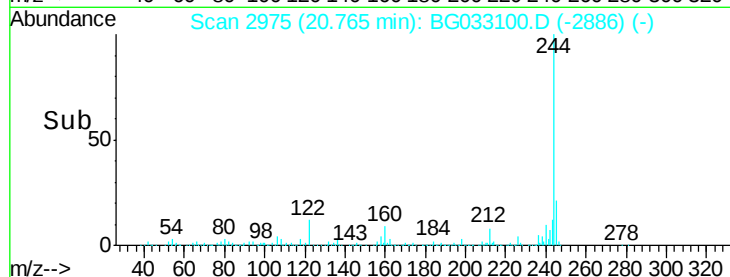
122 11.9 7.0 10.4#



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# 3934

Delta R.T. -0.01 min

Lab File: BG033100.D

Acq: 12 Mar 2018 21:50

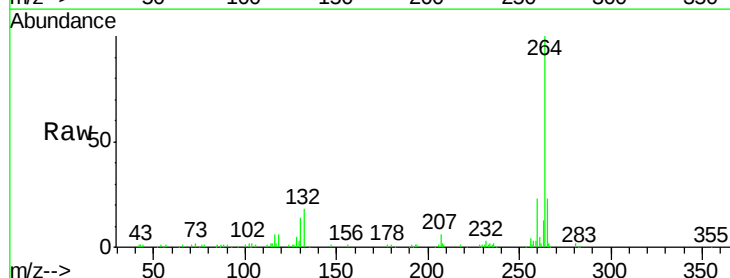
Tgt Ion:264 Resp: 208051

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.8 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

