

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032956.D
 Acq On : 2 Mar 2018 21:40
 Operator : SJ/JU
 Sample : PB107009BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BL

Quant Time: Mar 03 00:09:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	55481	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	237921	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	135100	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	323120	20.00	ng	0.00
75) Chrysene-d12	22.61	240	307039	20.00	ng	0.00
86) Perylene-d12	26.43	264	303189	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	453567	130.79	ng	0.00
7) Phenol-d6	8.01	99	602129	124.57	ng	0.00
23) Nitrobenzene-d5	10.11	82	349428	99.95	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	186702	131.43	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	781235	83.40	ng	0.00
78) Terphenyl-d14	20.78	244	1185607	86.76	ng	0.00

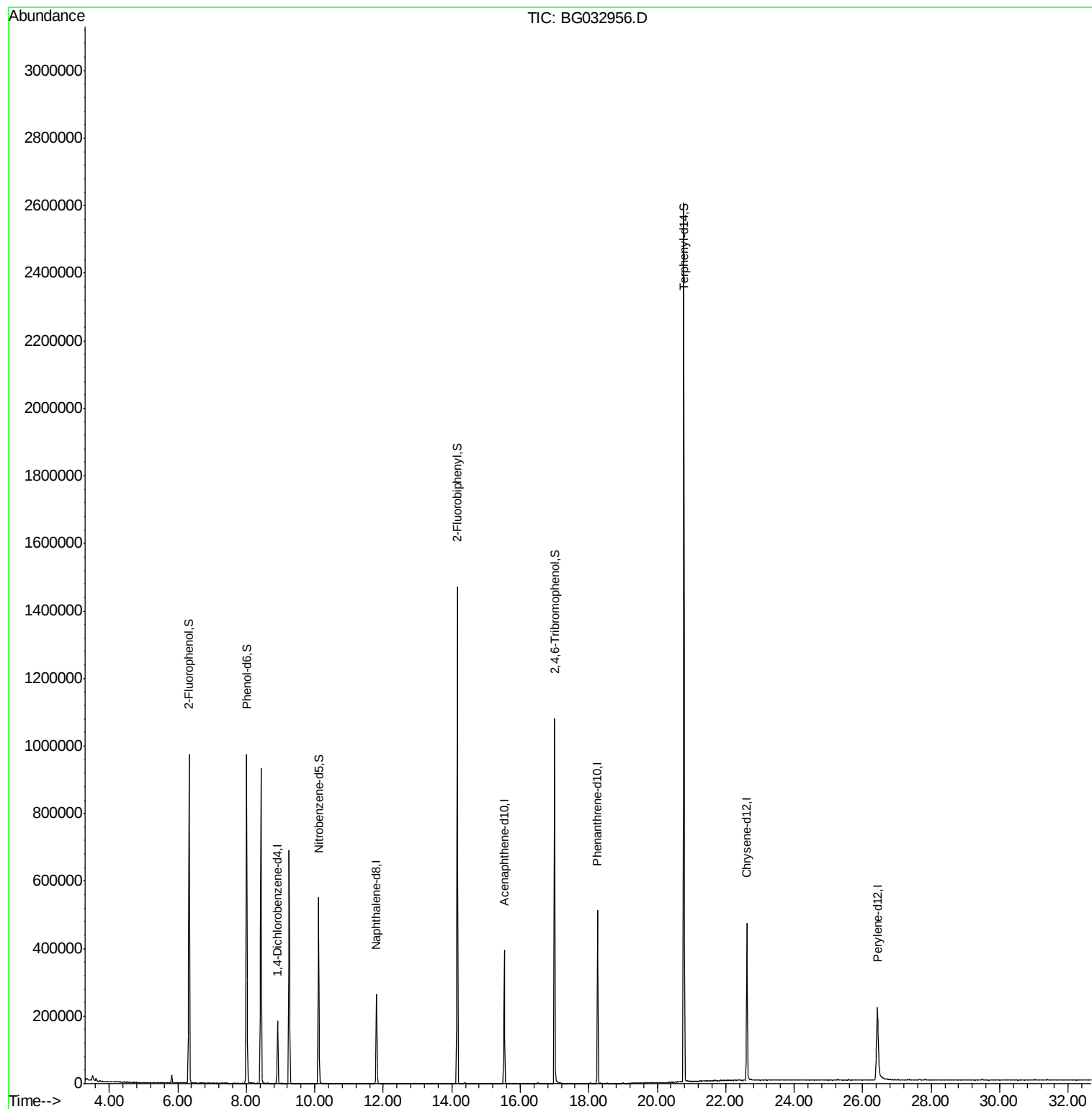
Target Compounds Qvalue

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

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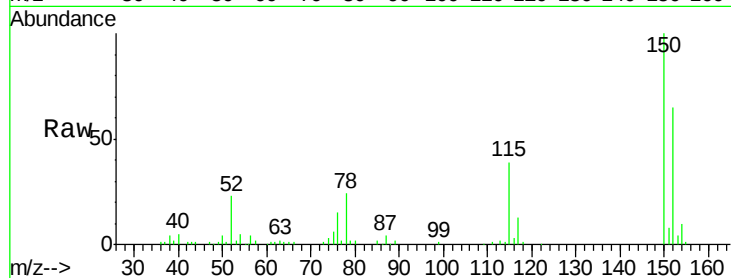


#1

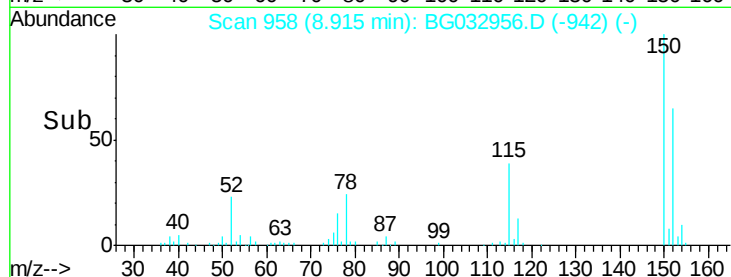
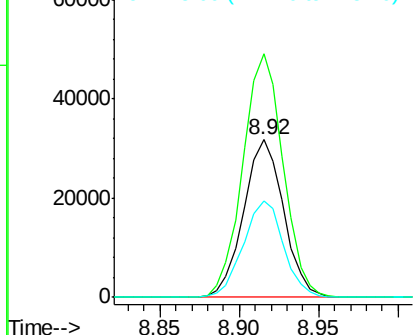
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.92 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BG032956.D
 Acq: 2 Mar 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BL

Tot Ion:152 Resp: 55481
 Ion Ratio Lower Upper
 152 100
 150 154.5 126.6 189.8
 115 60.8 53.0 79.4



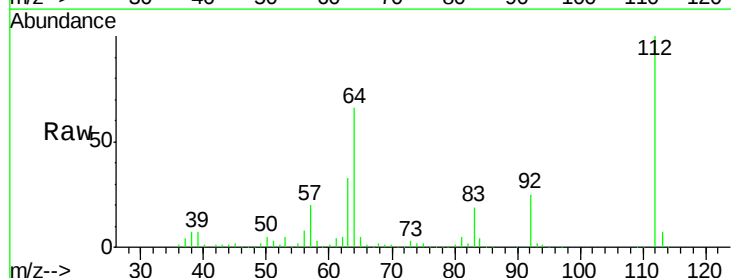
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



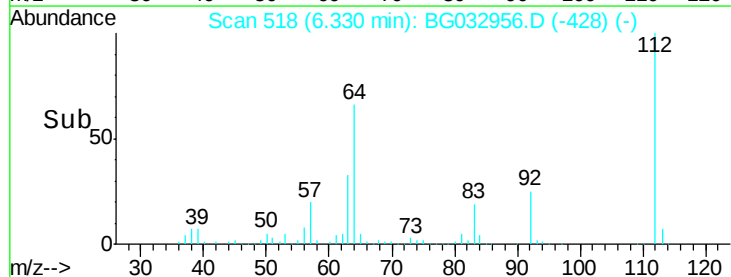
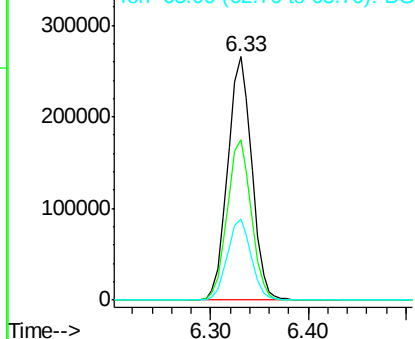
#5

2-Fluorophenol
 Concen: 130.791 ng
 RT: 6.33 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BG032956.D
 Acq: 2 Mar 2018 21:40

Tgt Ion:112 Resp: 453567
 Ion Ratio Lower Upper
 112 100
 64 65.9 56.3 84.5
 63 33.3 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: 124.568 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032956.D

Acq: 2 Mar 2018 21:40

Instrument :

BNA_G

ClientSampleId :

PB107009BL

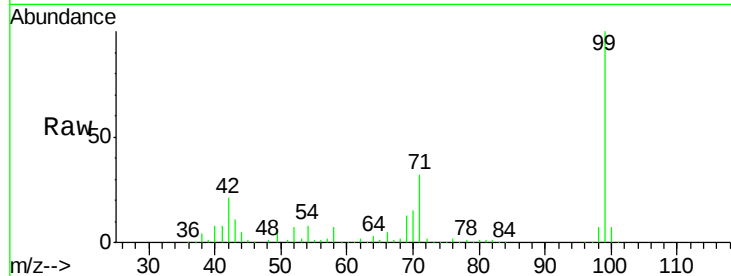
Tot Ion: 99 Resp: 602129

Ion Ratio Lower Upper

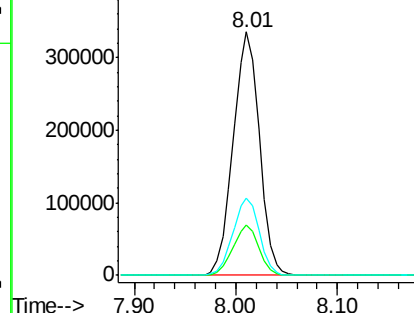
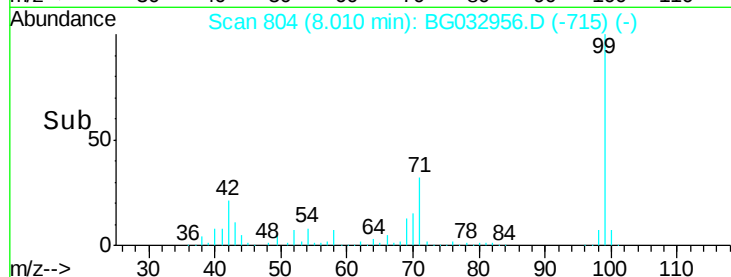
99 100

42 20.6 14.1 21.1

71 31.8 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: 11.80 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BG032956.D

Acq: 2 Mar 2018 21:40

Tgt Ion: 136 Resp: 237921

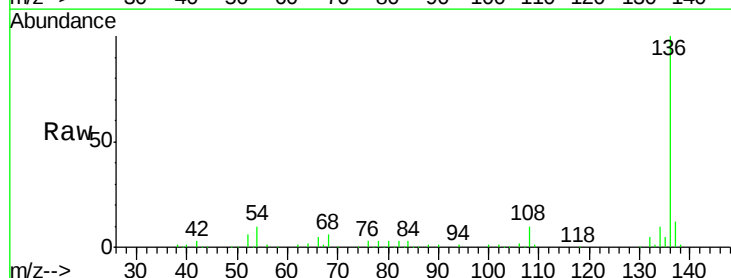
Ion Ratio Lower Upper

136 100

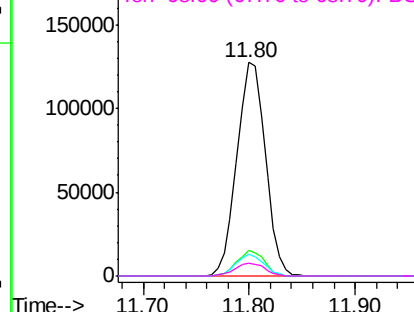
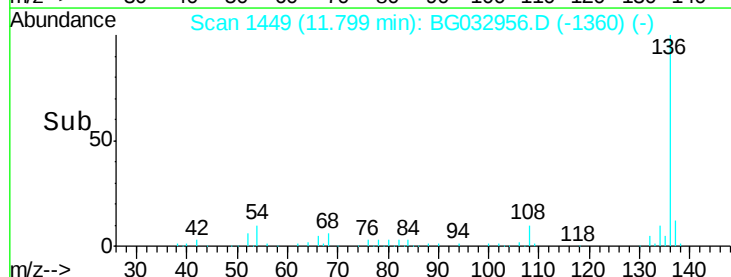
137 11.7 9.2 13.8

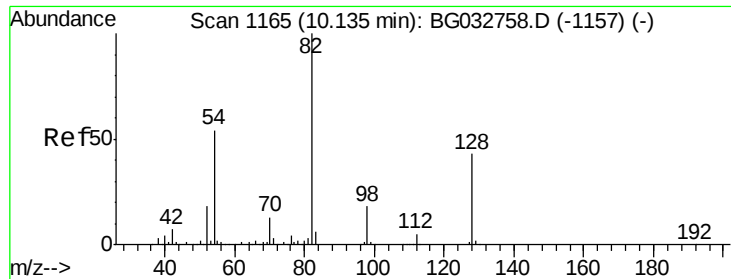
54 10.2 10.3 15.5#

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: 99.946 ng

RT: 10.11 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG032956.D

Acq: 2 Mar 2018 21:40

Instrument :

BNA_G

ClientSampleId :

PB107009BL

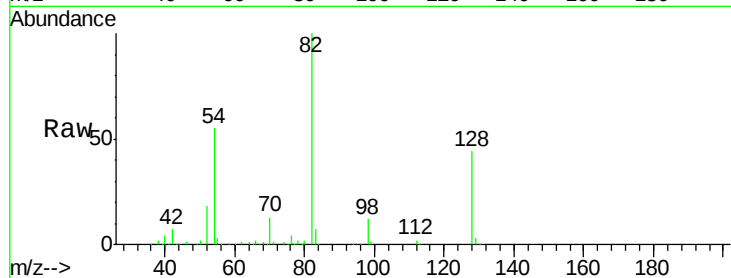
Tot Ion: 82 Resp: 349428

Ion Ratio Lower Upper

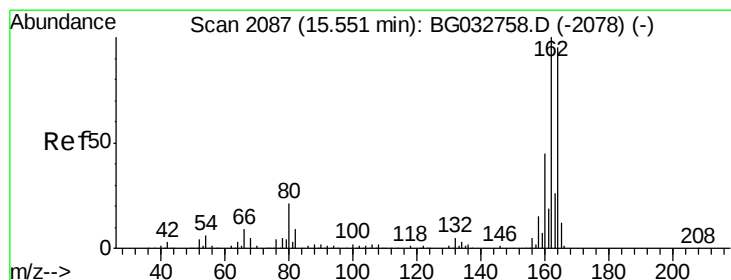
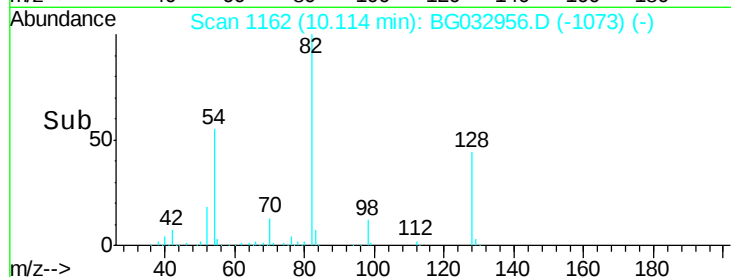
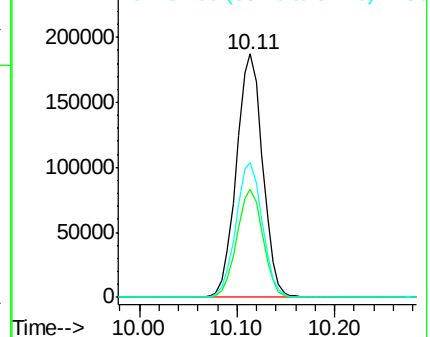
82 100

128 44.2 29.7 44.5

54 55.4 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: 15.53 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG032956.D

Acq: 2 Mar 2018 21:40

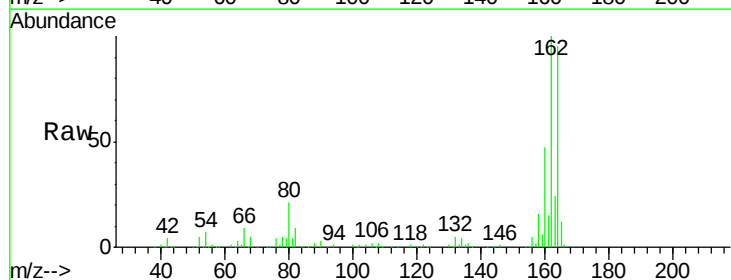
Tgt Ion:164 Resp: 135100

Ion Ratio Lower Upper

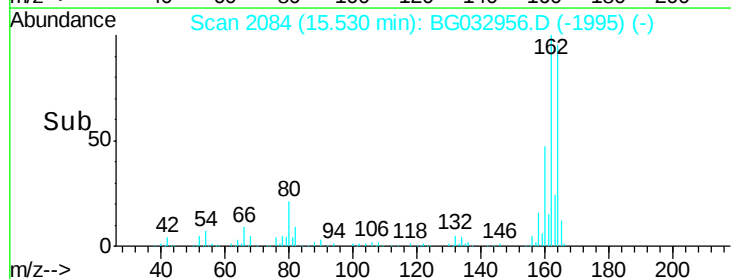
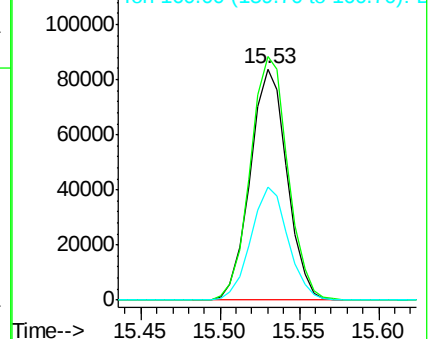
164 100

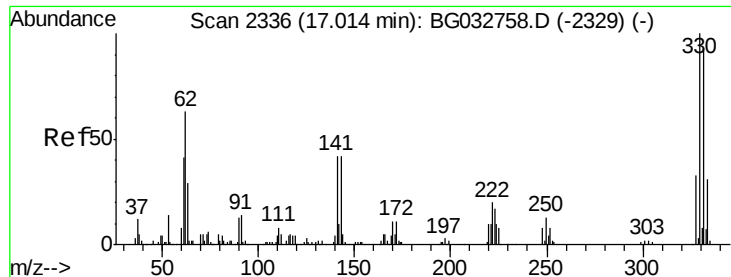
162 105.3 78.8 118.2

160 49.0 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

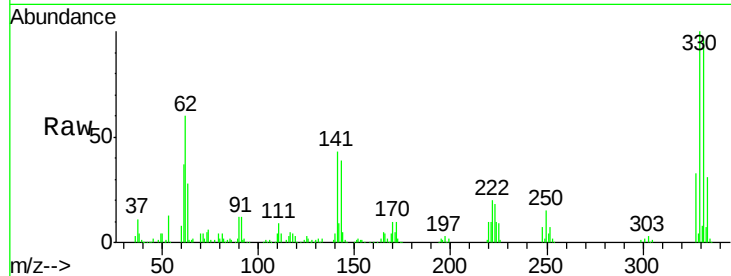




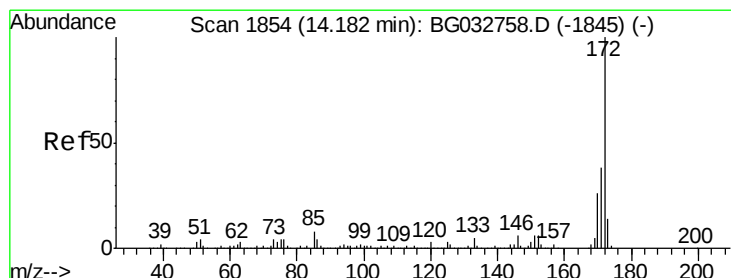
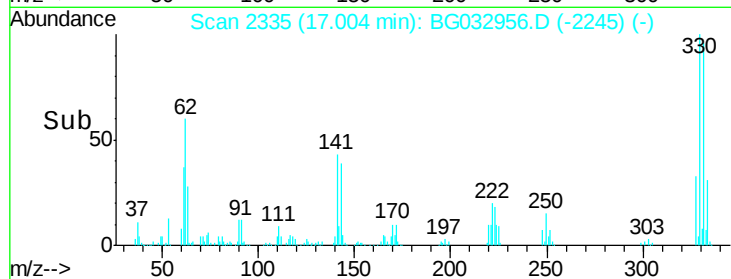
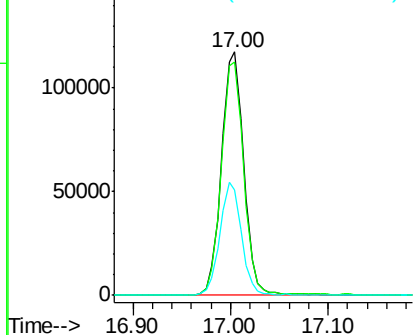
#41
 2,4,6-Tribromophenol
 Concen: 131.431 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032956.D
 Acq: 2 Mar 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BL

Tot Ion:330 Resp: 186702
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 45.0 25.2 37.8#

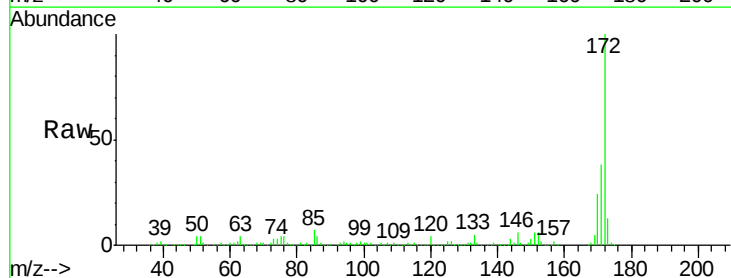


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

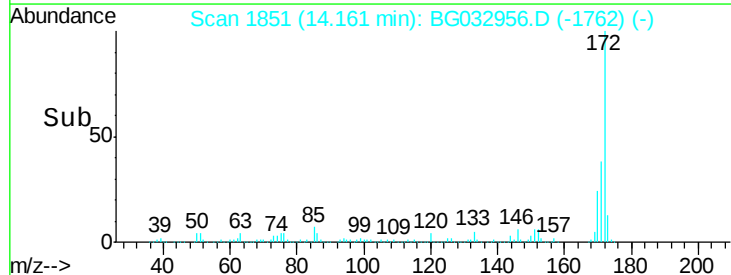
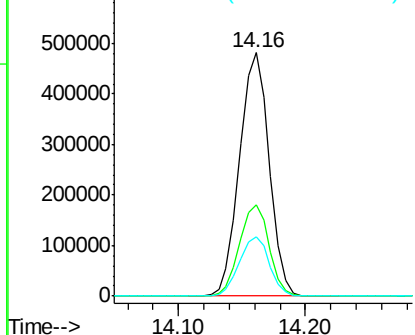


#44
 2-Fluorobiphenyl
 Concen: 83.400 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032956.D
 Acq: 2 Mar 2018 21:40

Tgt Ion:172 Resp: 781235
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.1 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

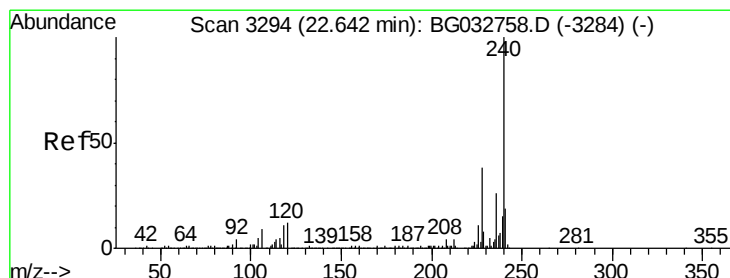
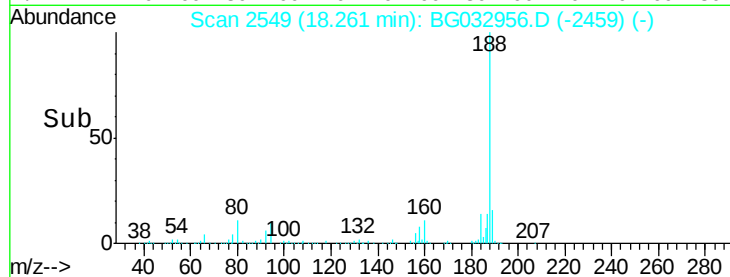
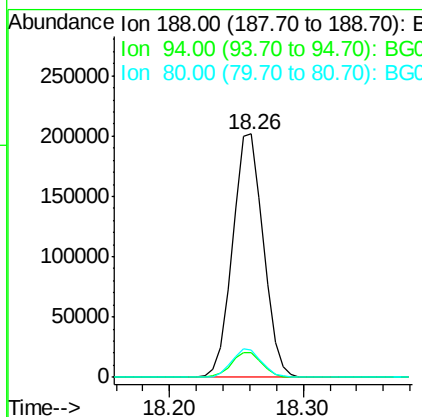
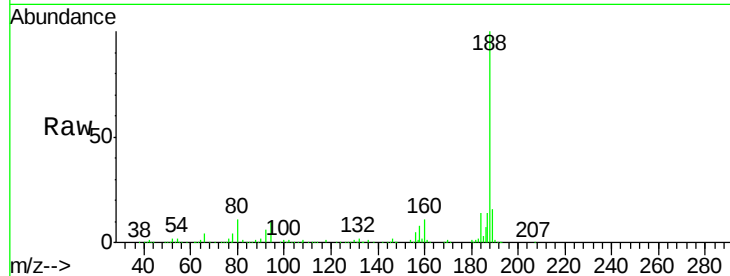




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BG032956.D
Acq: 2 Mar 2018 21:40

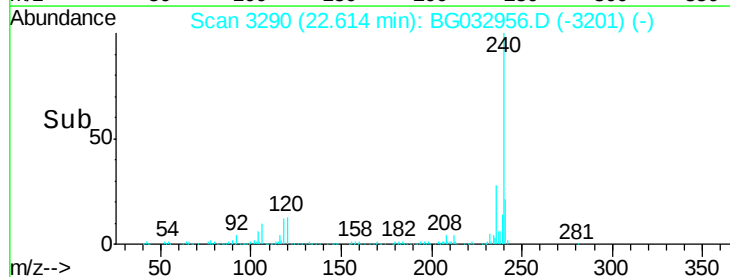
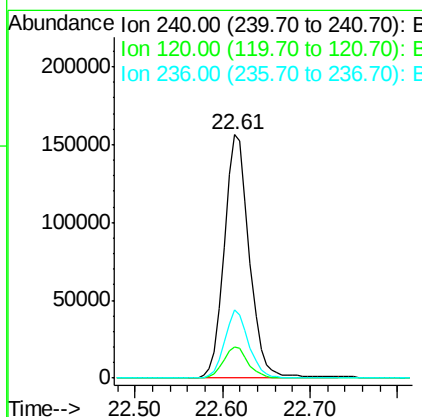
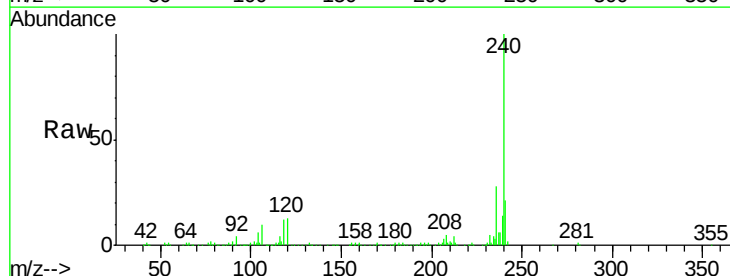
Instrument :
BNA_G
ClientSampled :
PB107009BL

Tot Ion:188 Resp: 323120
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.2 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3290
Delta R.T. -0.01 min
Lab File: BG032956.D
Acq: 2 Mar 2018 21:40

Tgt Ion:240 Resp: 307039
Ion Ratio Lower Upper
240 100
120 12.9 6.8 10.2#
236 28.0 20.9 31.3





#78

Terphenyl-d14

Concen: 86.756 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032956.D

Acq: 2 Mar 2018 21:40

Instrument :

BNA_G

ClientSampled :

PB107009BL

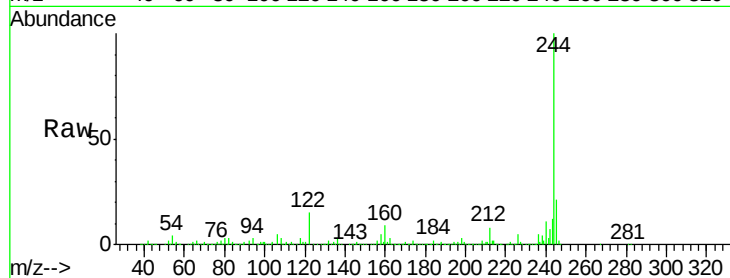
Tot Ion:244 Resp: 1185607

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

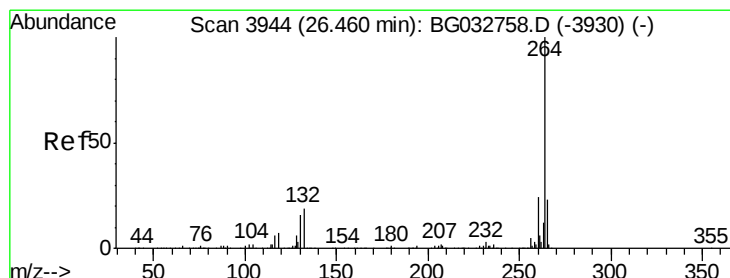
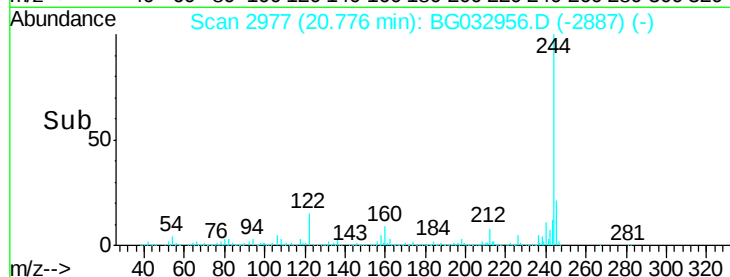
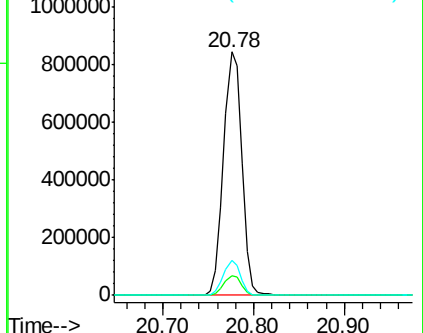
122 14.5 7.0 10.4



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: 26.43 min Scan# 3939

Delta R.T. 0.00 min

Lab File: BG032956.D

Acq: 2 Mar 2018 21:40

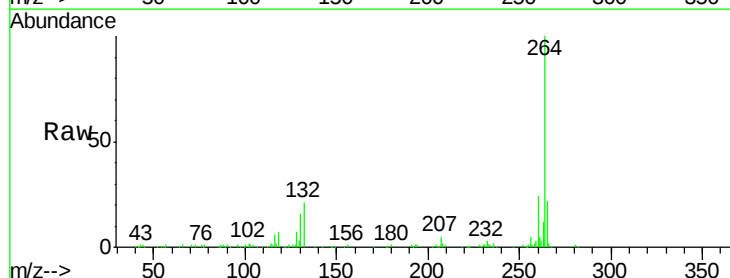
Tgt Ion:264 Resp: 303189

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 22.0 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

