

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031768.D
 Acq On : 26 Dec 2017 19:08
 Operator : SJ/JU
 Sample : PB105319BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105319BL

Quant Time: Dec 27 05:46:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	44438	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	184710	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	128975	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	363415	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	439446	20.00	ng	-0.06
86) Perylene-d12	26.26	264	475471	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	360608	147.80	ng	-0.02
7) Phenol-d6	7.91	99	449420	141.88	ng	-0.02
23) Nitrobenzene-d5	10.01	82	236079	96.51	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	330873	168.13	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	897403	87.33	ng	-0.03
78) Terphenyl-d14	20.70	244	1803458	93.76	ng	-0.04

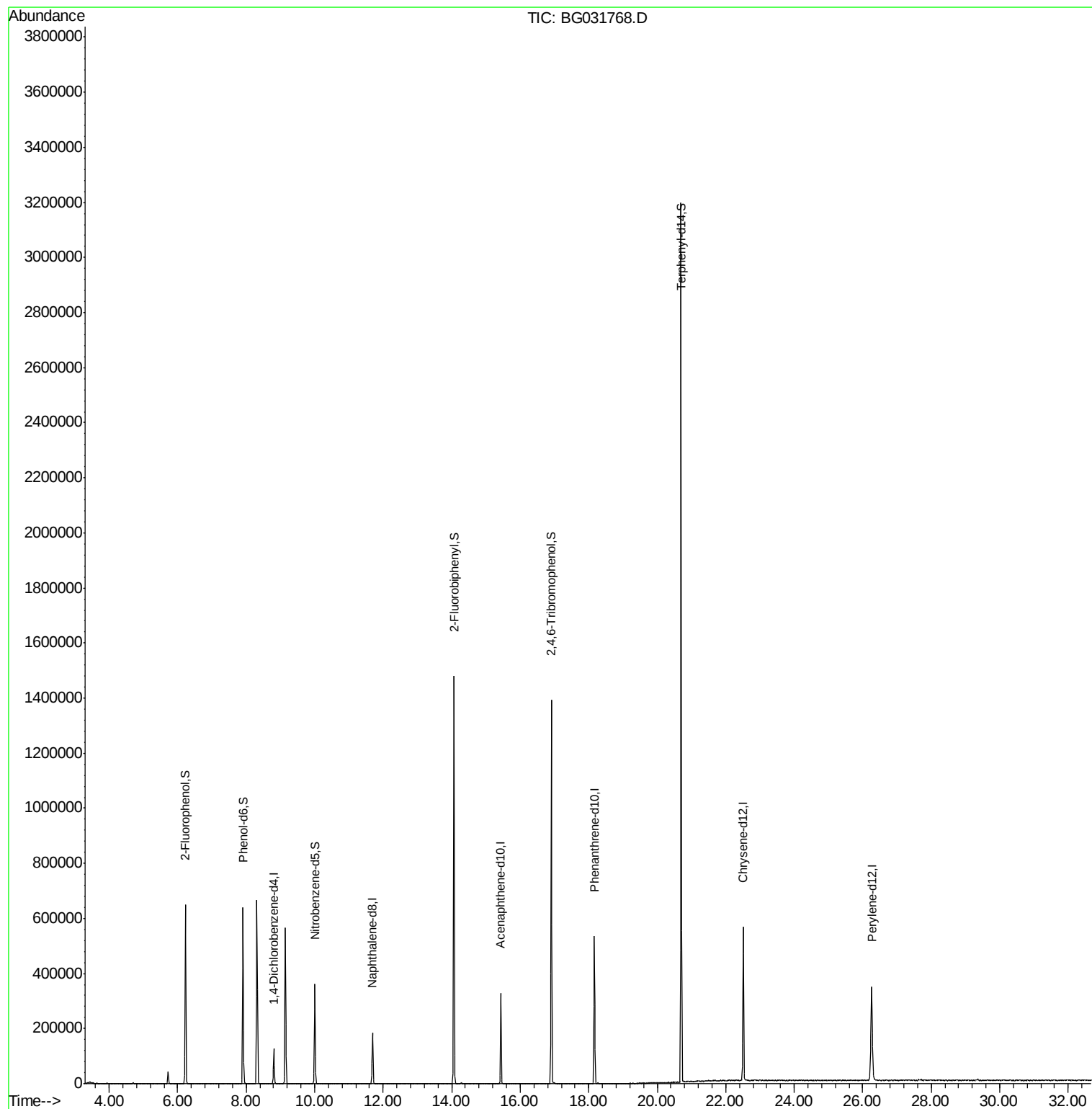
Target Compounds Qvalue

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

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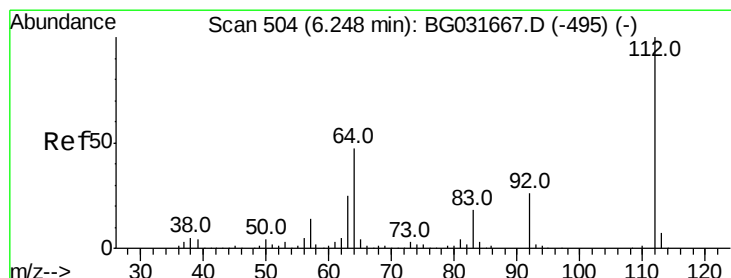
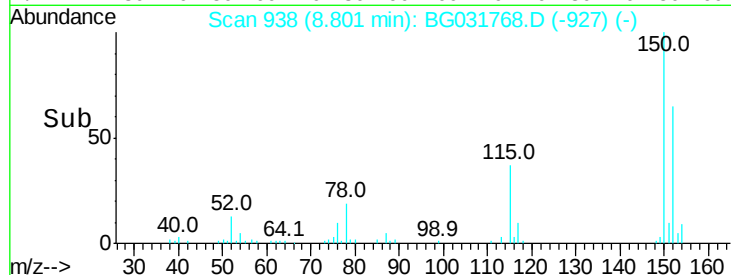
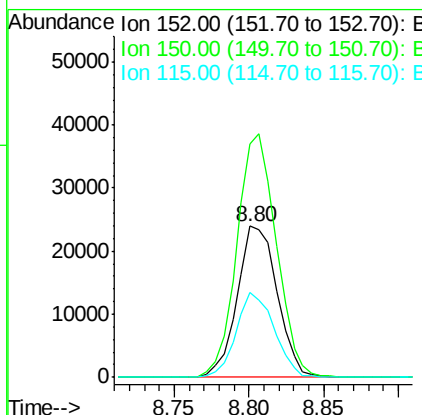
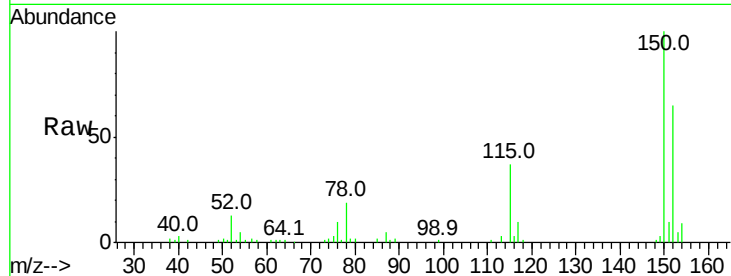


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

Instrument :
BNA_G
ClientSampleId :
PB105319BL

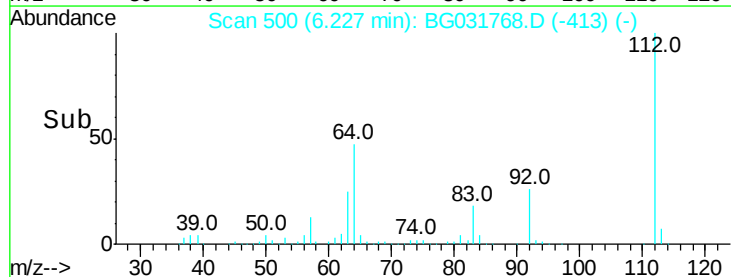
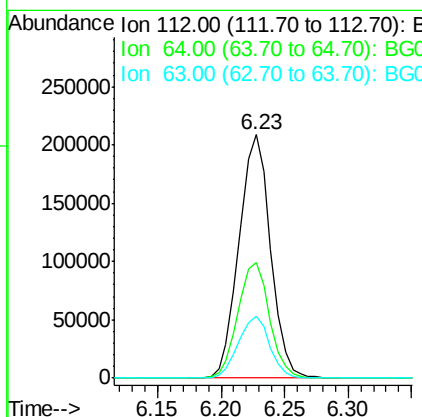
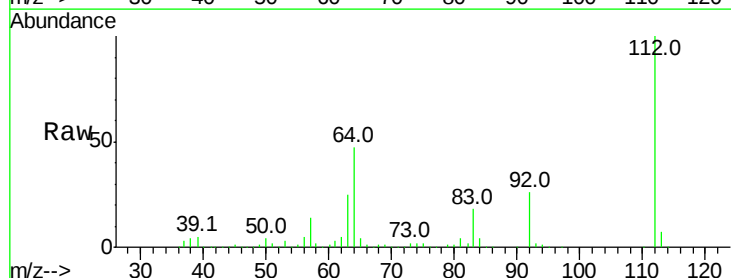
Tot Ion:152 Resp: 44438
Ion Ratio Lower Upper
152 100
150 154.4 126.6 189.8
115 56.5 53.0 79.4

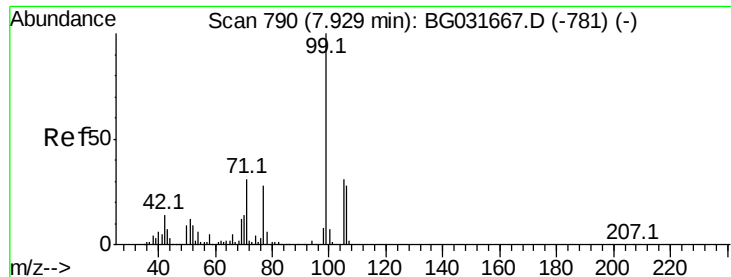


#5

2-Fluorophenol
Concen: 147.803 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

Tgt Ion:112 Resp: 360608
Ion Ratio Lower Upper
112 100
64 47.3 56.3 84.5#
63 25.3 30.1 45.1#





#7

Phenol-d6

Concen: 141.878 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

Instrument :

BNA_G

ClientSampleId :

PB105319BL

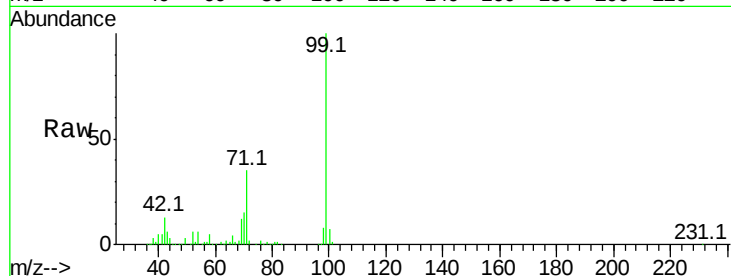
Tot Ion: 99 Resp: 449420

Ion Ratio Lower Upper

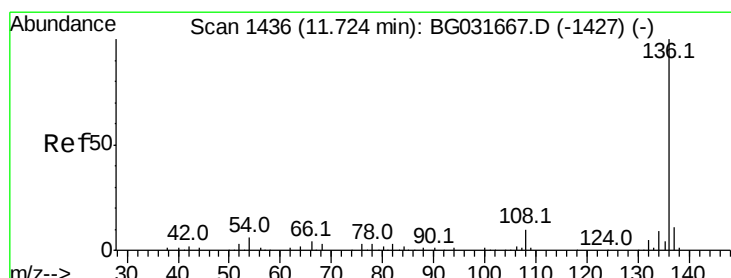
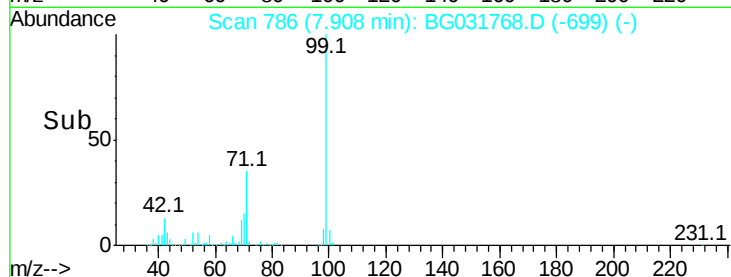
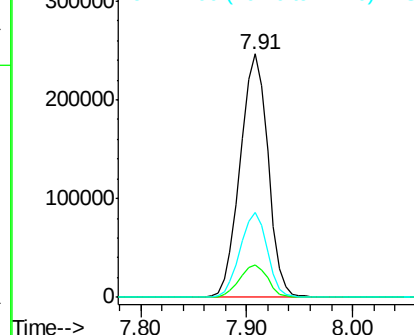
99 100

42 13.4 14.1 21.1#

71 34.7 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

Tgt Ion: 136 Resp: 184710

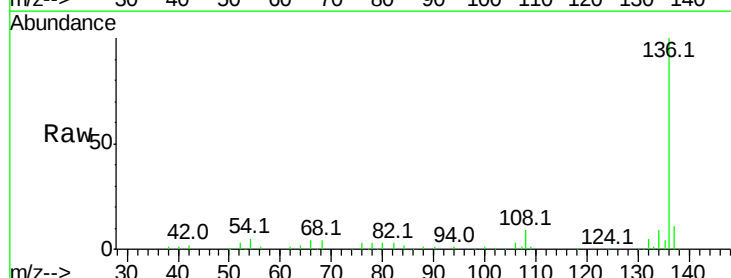
Ion Ratio Lower Upper

136 100

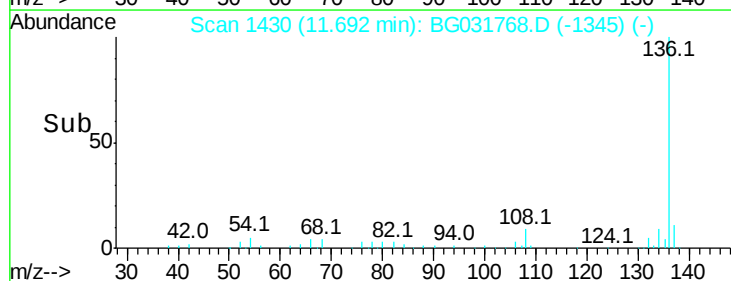
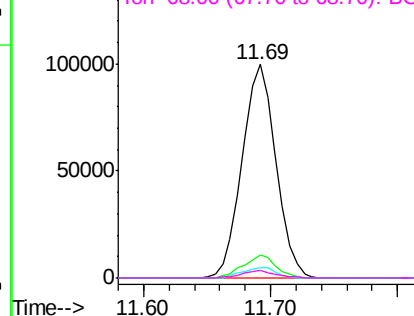
137 11.0 9.2 13.8

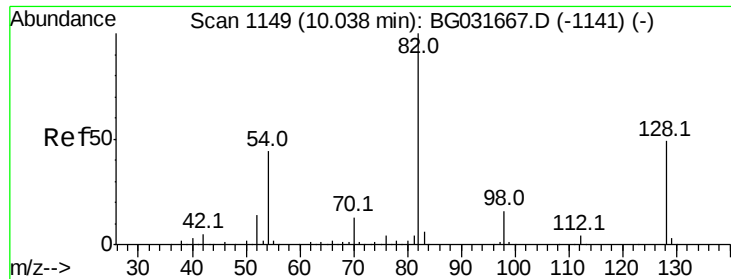
54 4.7 10.3 15.5#

68 3.9 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: 96.513 ng

RT: 10.01 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

Instrument :

BNA_G

ClientSampleId :

PB105319BL

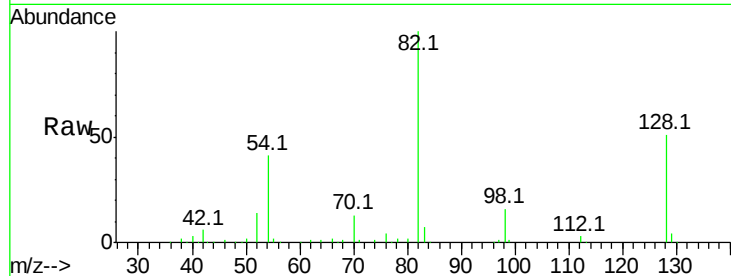
Tot Ion: 82 Resp: 236079

Ion Ratio Lower Upper

82 100

128 50.5 29.7 44.5#

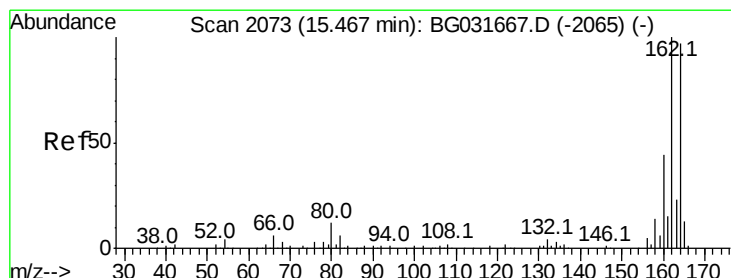
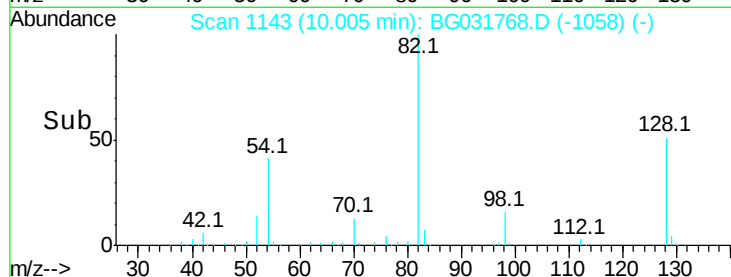
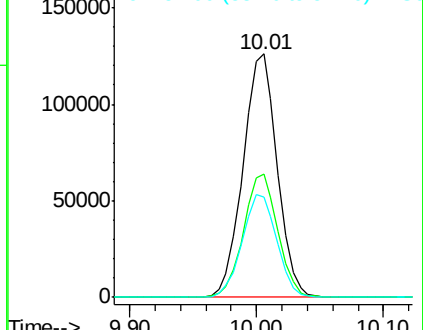
54 41.0 43.1 64.7#



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: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

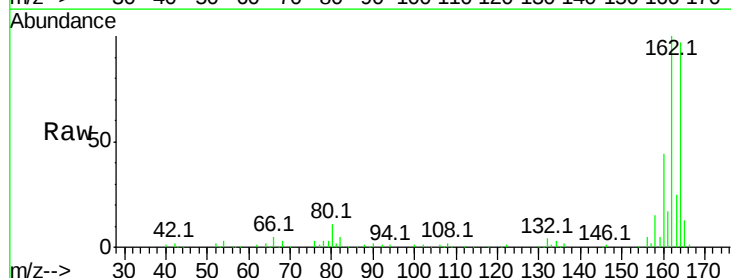
Tgt Ion:164 Resp: 128975

Ion Ratio Lower Upper

164 100

162 103.3 78.8 118.2

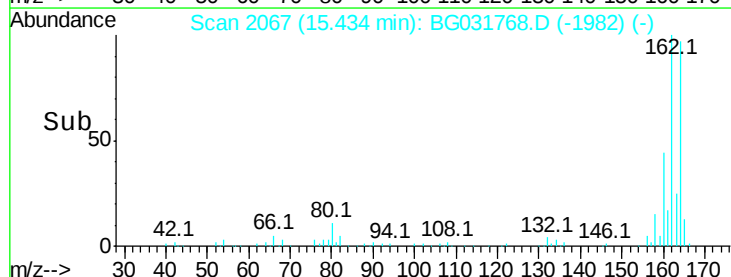
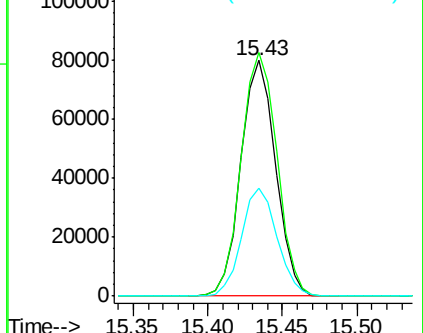
160 45.8 35.4 53.0

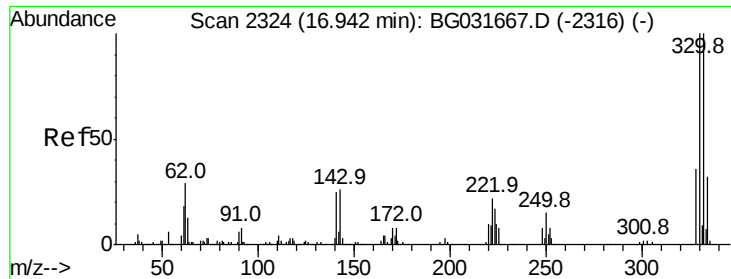


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

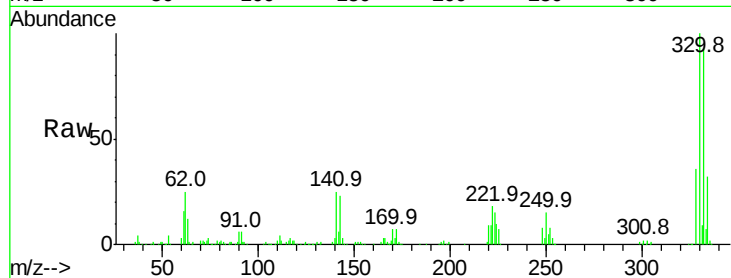




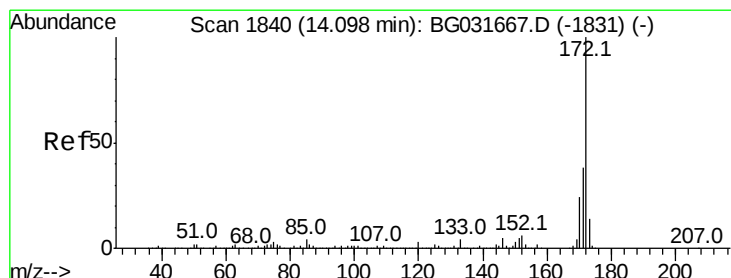
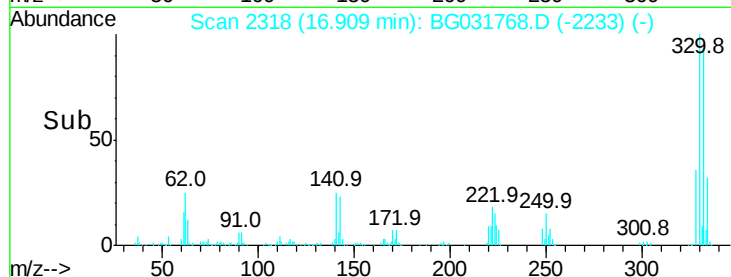
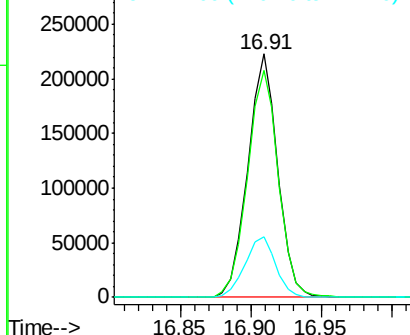
#41
 2,4,6-Tribromophenol
 Concen: 168.128 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Instrument :
 BNA_G
 ClientSampleId :
 PB105319BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	25.5	25.2	37.8

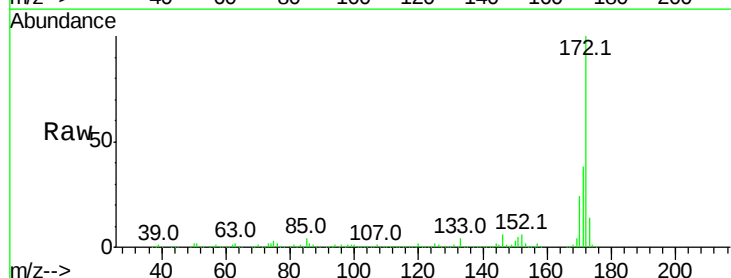


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

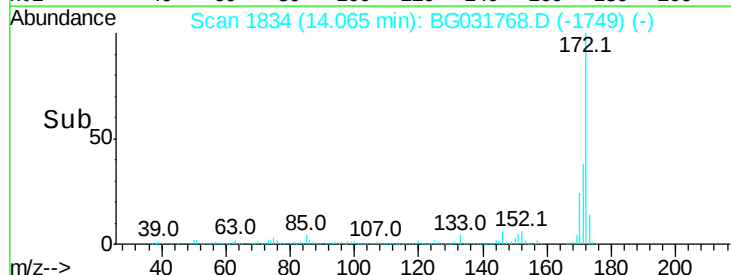
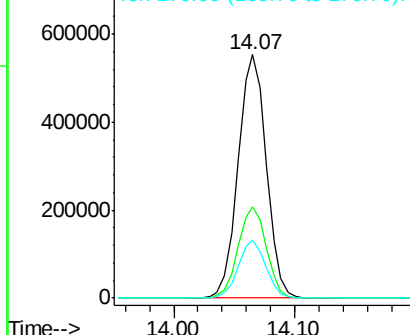


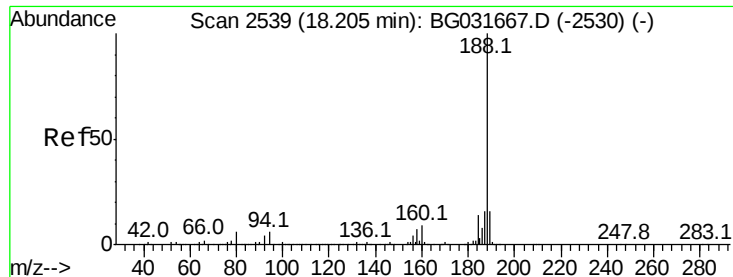
#44
 2-Fluorobiphenyl
 Concen: 87.332 ng
 RT: 14.07 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031768.D
 Acq: 26 Dec 2017 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.8	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

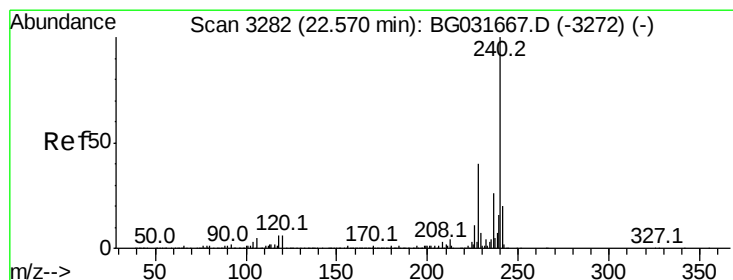
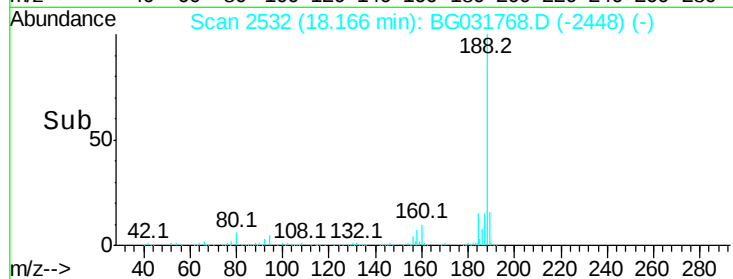
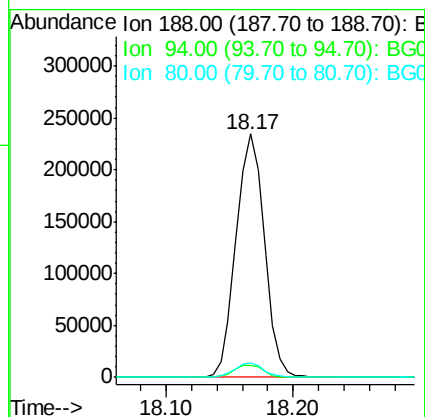
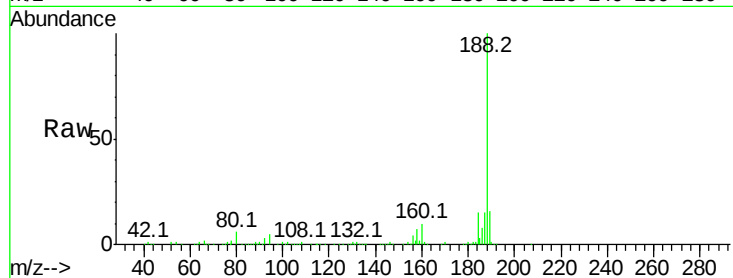




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

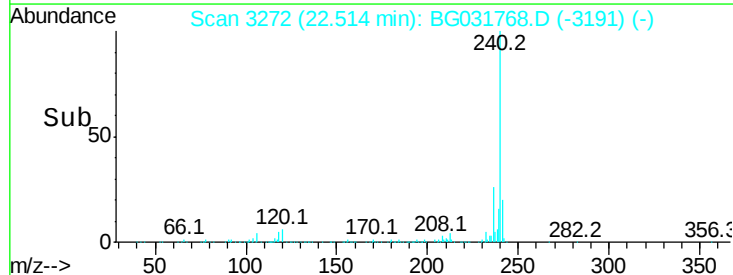
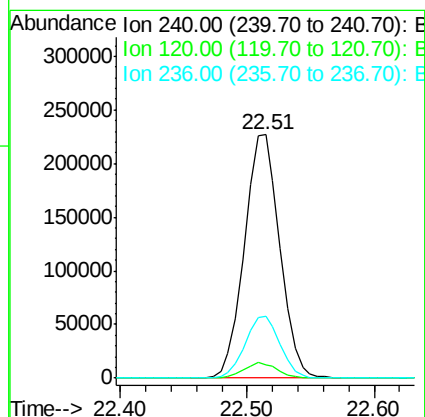
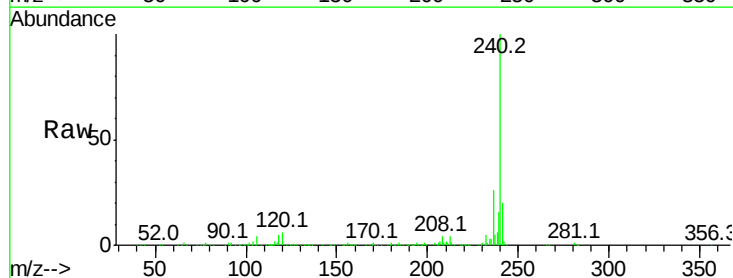
Instrument :
BNA_G
ClientSampleId :
PB105319BL

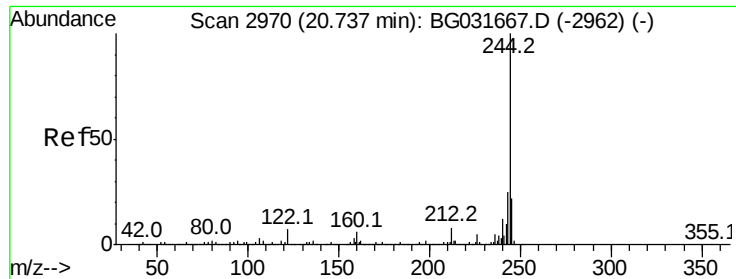
Tot Ion:188 Resp: 363415
Ion Ratio Lower Upper
188 100
94 4.8 6.9 10.3#
80 5.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031768.D
Acq: 26 Dec 2017 19:08

Tgt Ion:240 Resp: 439446
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 93.761 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

Instrument :

BNA_G

ClientSampleId :

PB105319BL

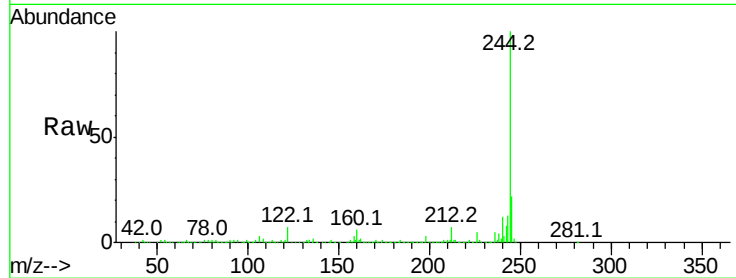
Tot Ion:244 Resp: 1803458

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

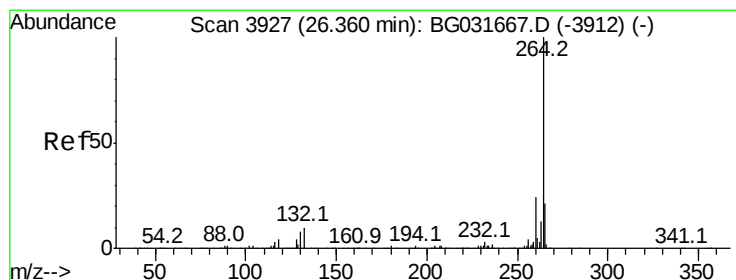
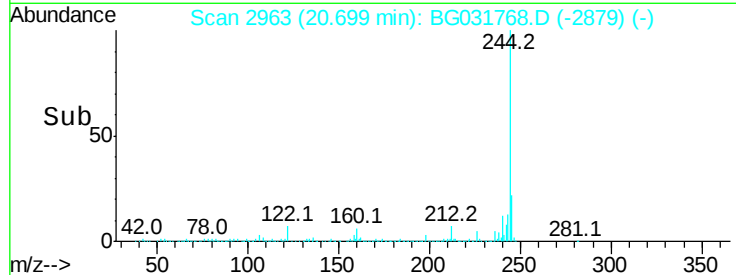
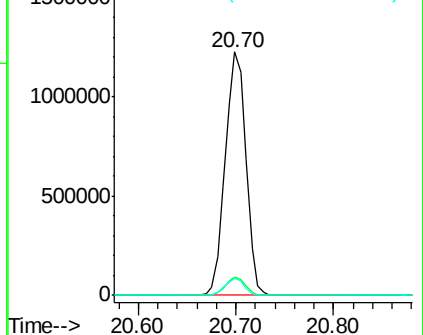
122 7.1 7.0 10.4



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: 26.26 min Scan# 3910

Delta R.T. -0.10 min

Lab File: BG031768.D

Acq: 26 Dec 2017 19:08

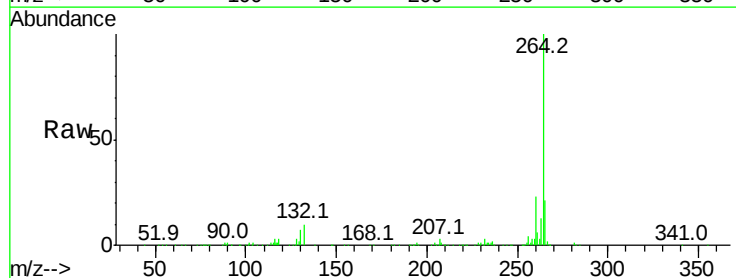
Tgt Ion:264 Resp: 475471

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.2 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

