

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032059.D
 Acq On : 16 Jan 2018 8:35
 Operator : SJ/JU
 Sample : J1112-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(MW)

Quant Time: Jan 16 09:39:33 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	42348	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	166779	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	121028	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	338739	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	407833	20.00	ng	-0.02
86) Perylene-d12	26.18	264	418386	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	94702	40.90	ng	0.00
7) Phenol-d6	7.86	99	70311	24.11	ng	-0.01
23) Nitrobenzene-d5	9.96	82	266750	108.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	226529	113.11	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	974334	99.82	ng	0.00
78) Terphenyl-d14	20.67	244	1798659	97.38	ng	0.00

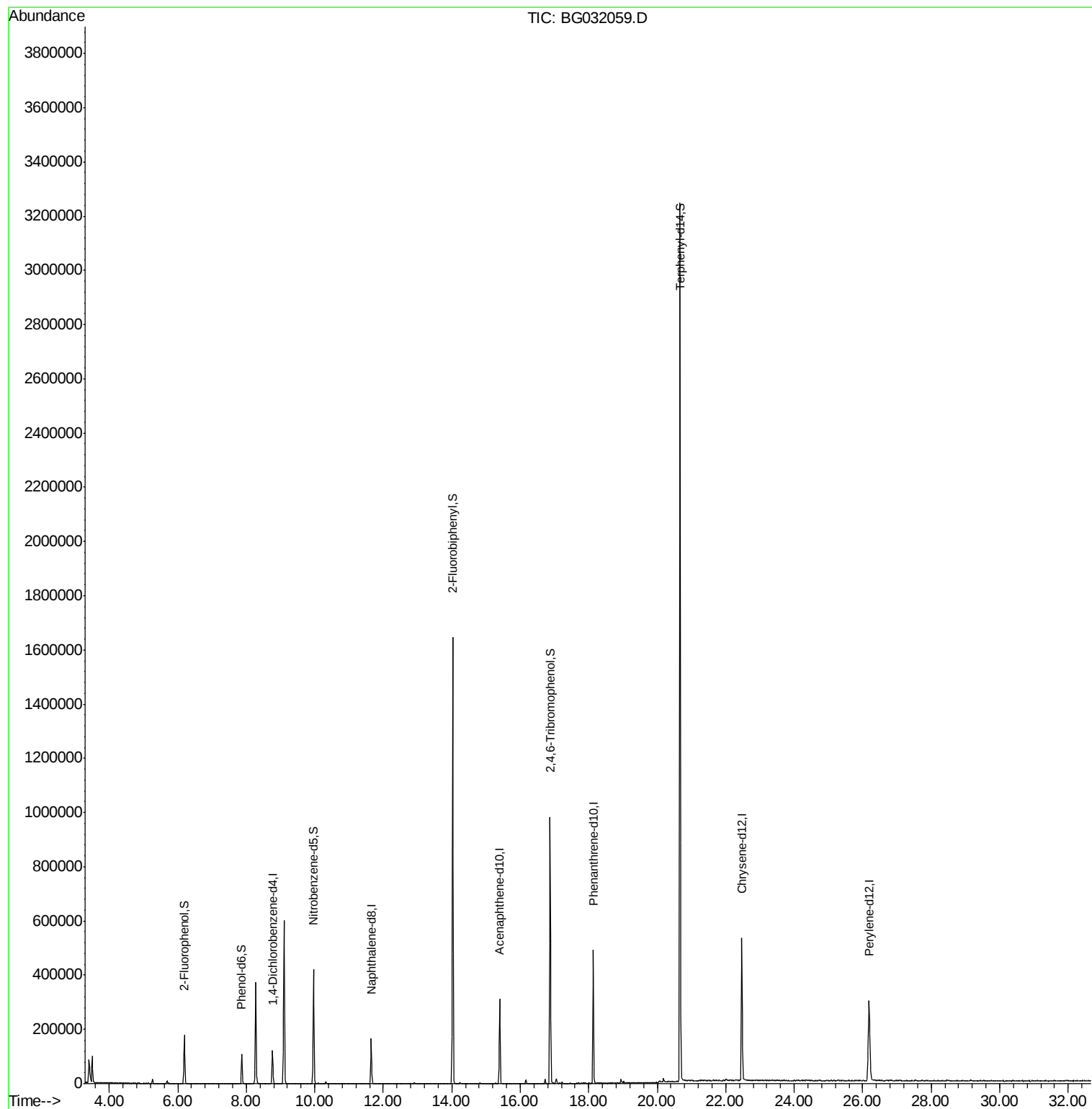
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG032059.D

Acq: 16 Jan 2018 8:35

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(MW)

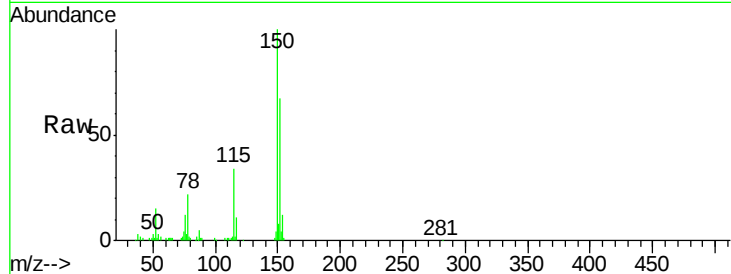
Tgt Ion:152 Resp: 42348

Ion Ratio Lower Upper

152 100

150 149.2 126.6 189.8

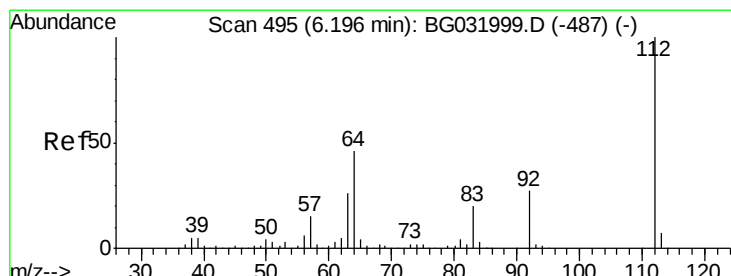
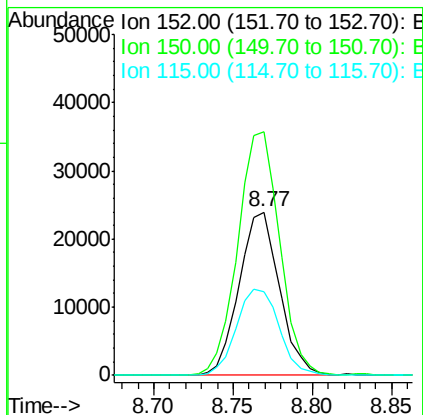
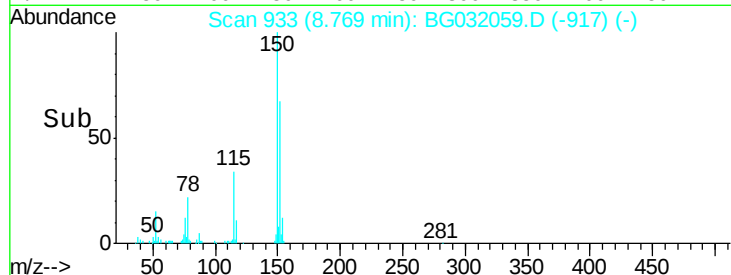
115 51.4 53.0 79.4#



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: 40.900 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG032059.D

Acq: 16 Jan 2018 8:35

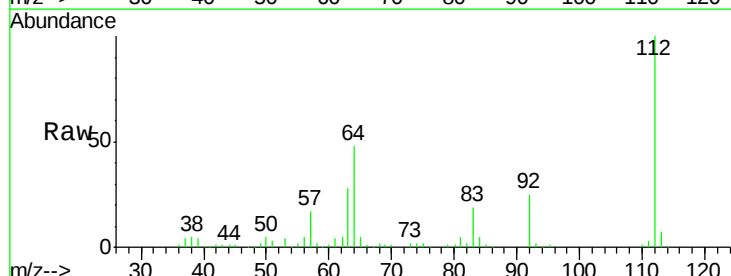
Tgt Ion:112 Resp: 94702

Ion Ratio Lower Upper

112 100

64 48.1 56.3 84.5#

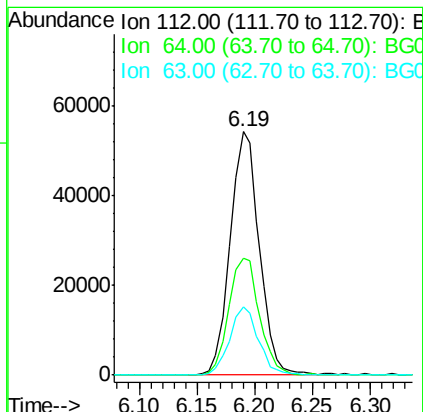
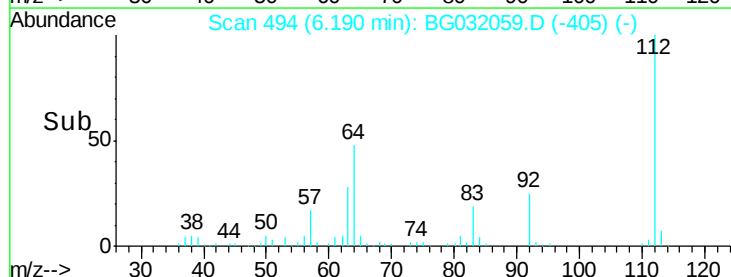
63 28.1 30.1 45.1#

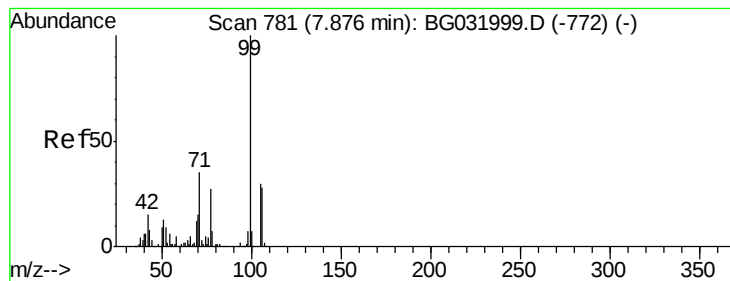


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 24.111 ng

RT: 7.86 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032059.D

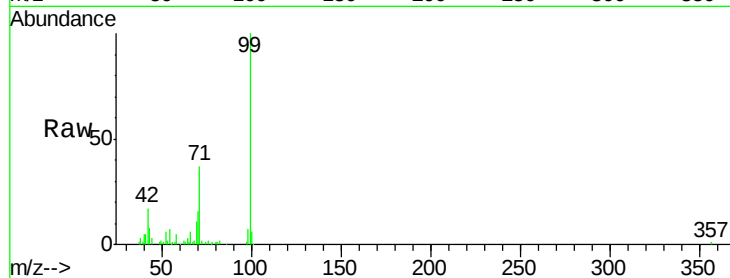
Acq: 16 Jan 2018 8:35

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(MW)



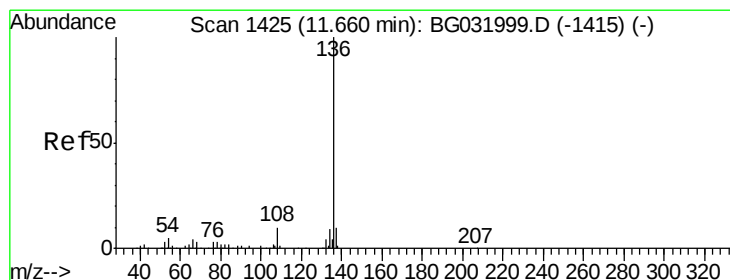
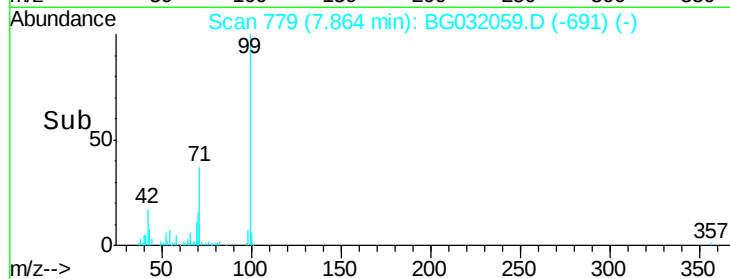
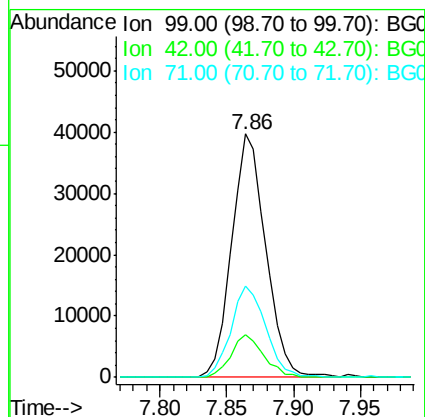
Tgt Ion: 99 Resp: 70311

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

71 37.4 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032059.D

Acq: 16 Jan 2018 8:35

Tgt Ion: 136 Resp: 166779

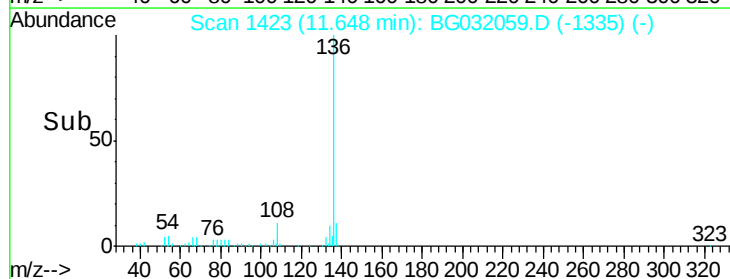
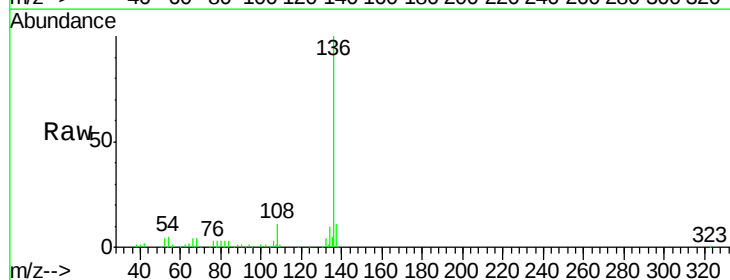
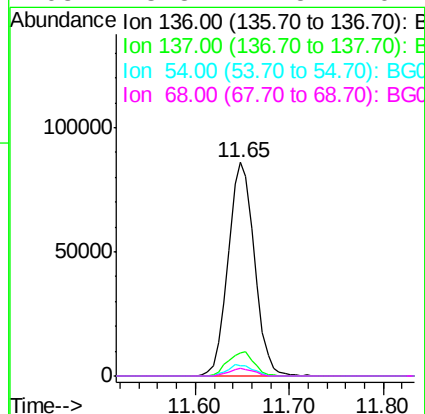
Ion Ratio Lower Upper

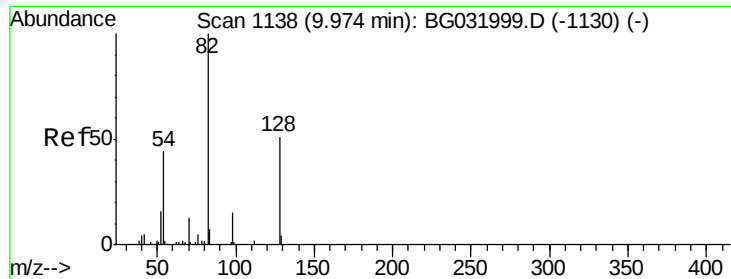
136 100

137 10.7 9.2 13.8

54 5.0 10.3 15.5#

68 3.8 4.5 6.7#

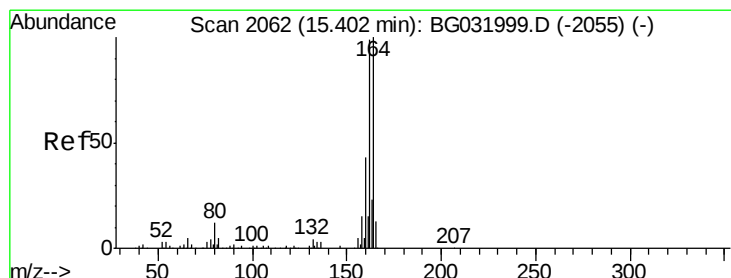
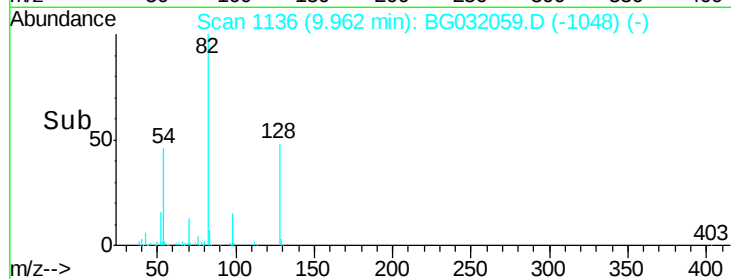
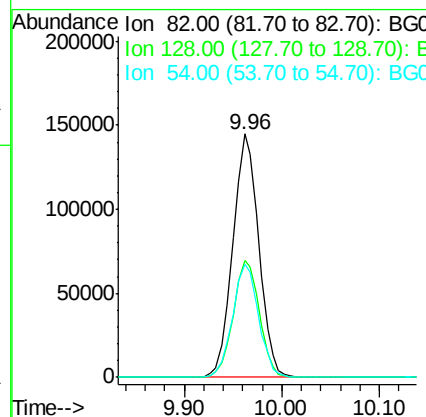
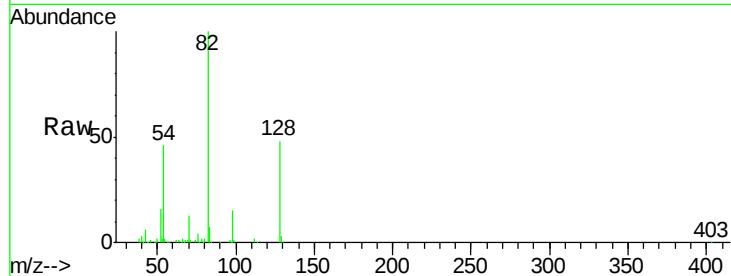




#23
Nitrobenzene-d5
Concen: 108.208 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032059.D
Acq: 16 Jan 2018 8:35

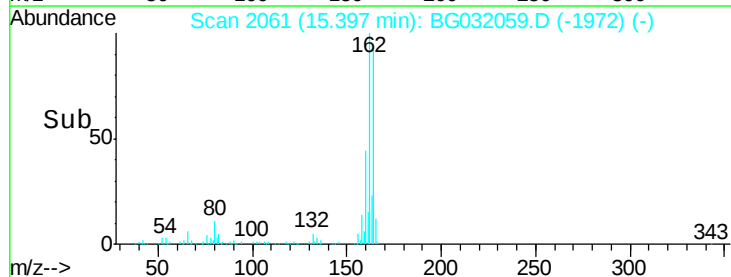
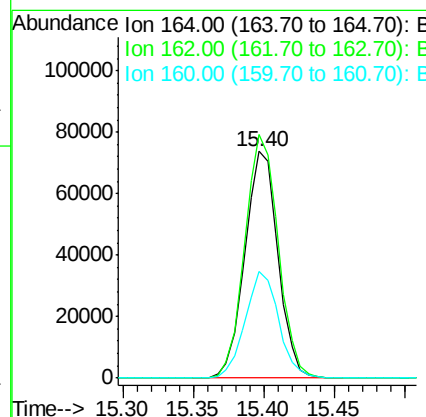
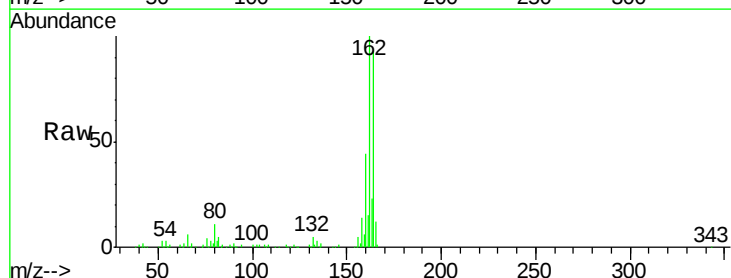
Instrument :
BNA_G
ClientSampleId :
ENV-106-1(MW)

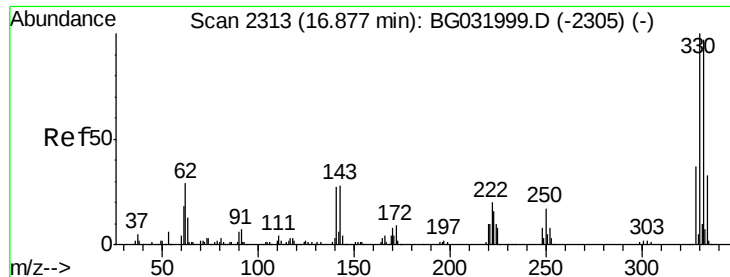
Tgt Ion: 82 Resp: 266750
Ion Ratio Lower Upper
82 100
128 48.1 29.7 44.5#
54 46.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032059.D
Acq: 16 Jan 2018 8:35

Tgt Ion: 164 Resp: 121028
Ion Ratio Lower Upper
164 100
162 107.4 78.8 118.2
160 47.1 35.4 53.0

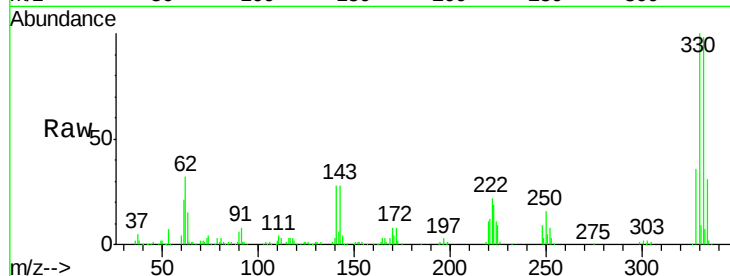




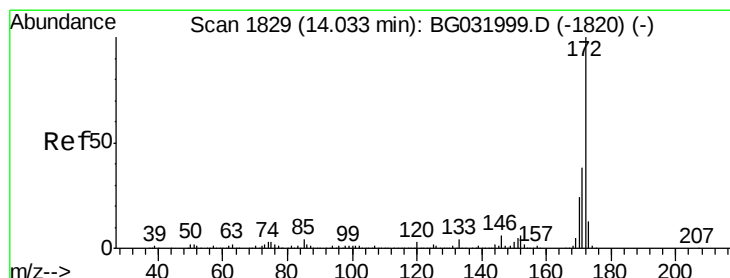
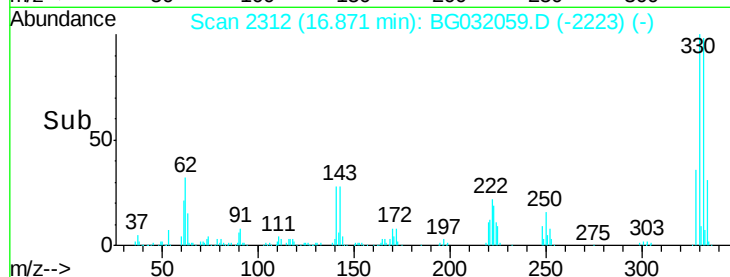
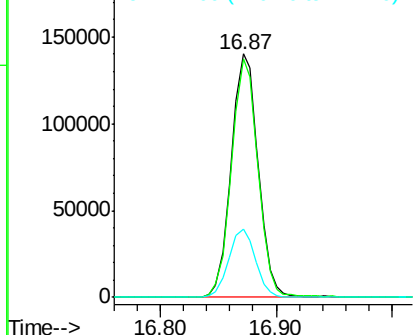
#41
 2,4,6-Tribromophenol
 Concen: 113.110 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032059.D
 Acq: 16 Jan 2018 8:35

Instrument :
 BNA_G
 ClientSampleId :
 ENV-106-1(MW)

Tgt Ion:330 Resp: 226529
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 28.1 25.2 37.8

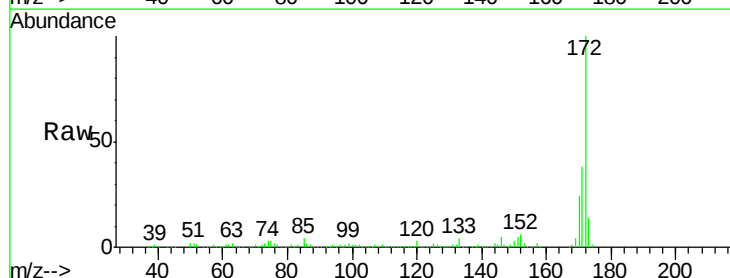


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

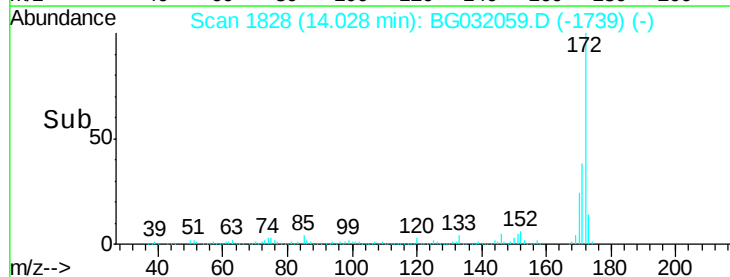
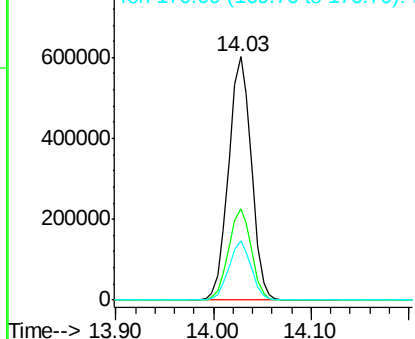


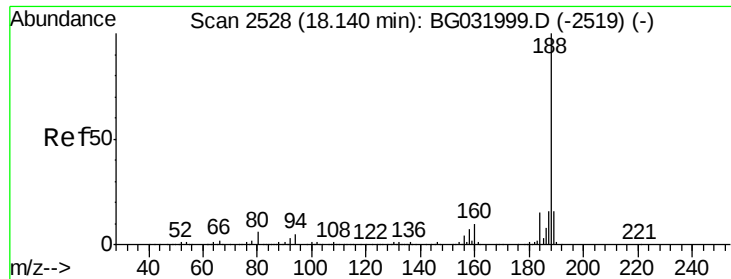
#44
 2-Fluorobiphenyl
 Concen: 99.822 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032059.D
 Acq: 16 Jan 2018 8:35

Tgt Ion:172 Resp: 974334
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.3 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

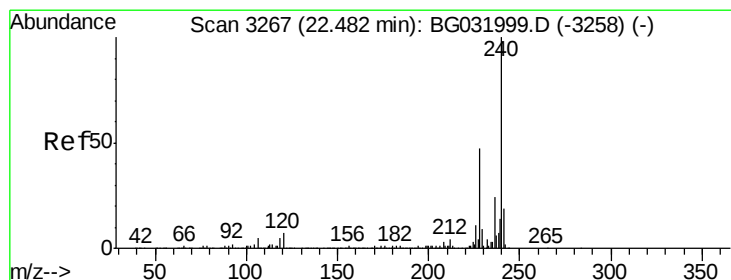
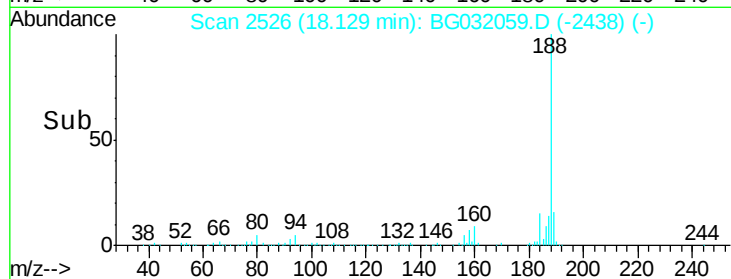
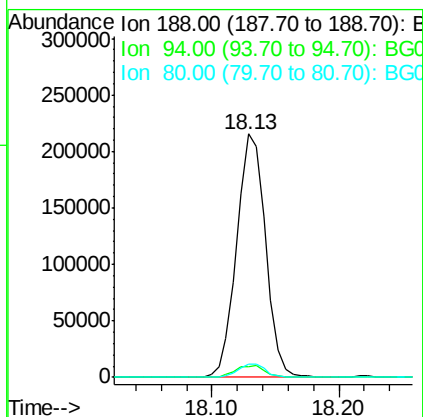
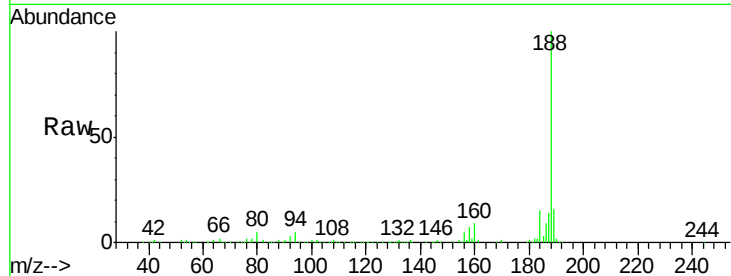




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032059.D
Acq: 16 Jan 2018 8:35

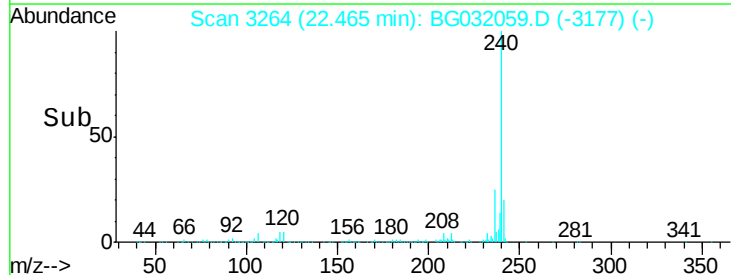
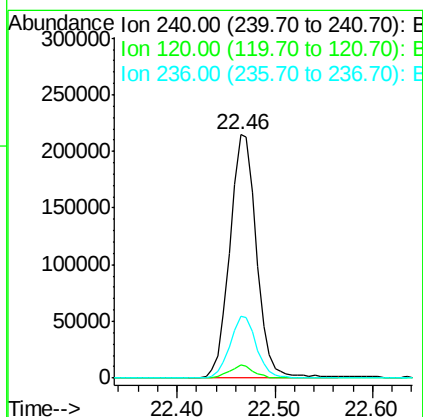
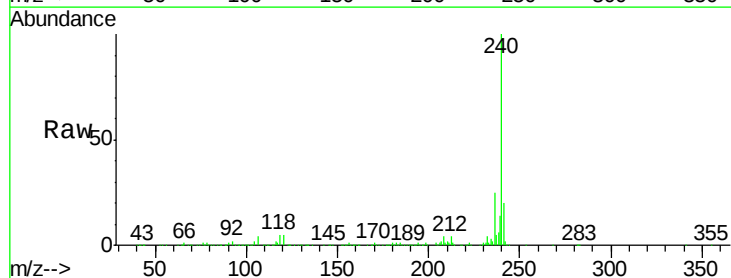
Instrument :
BNA_G
ClientSampleId :
ENV-106-1(MW)

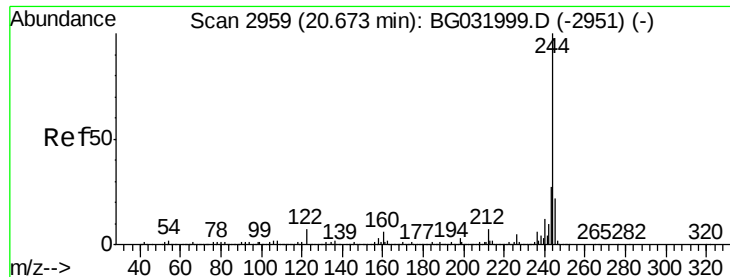
Tgt Ion:188 Resp: 338739
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 5.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032059.D
Acq: 16 Jan 2018 8:35

Tgt Ion:240 Resp: 407833
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 97.381 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BG032059.D

Acq: 16 Jan 2018 8:35

Instrument :

BNA_G

ClientSampleId :

ENV-106-1(MW)

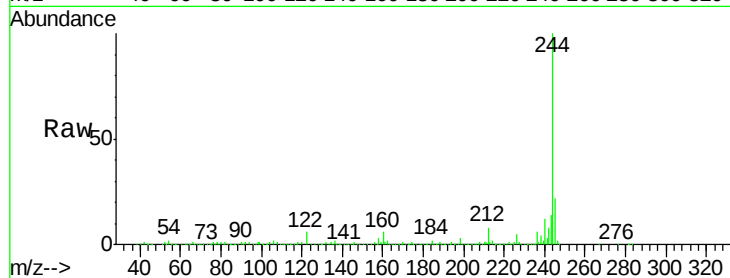
Tgt Ion:244 Resp: 1798659

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

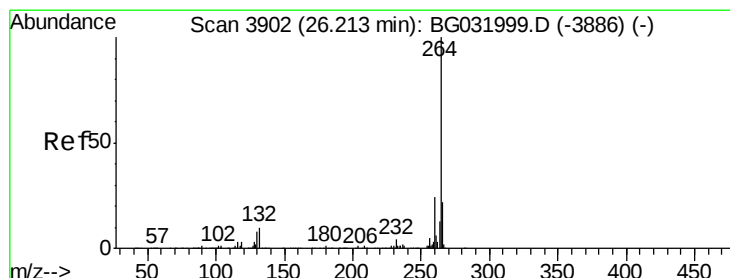
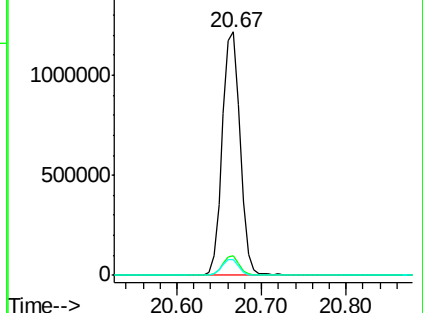
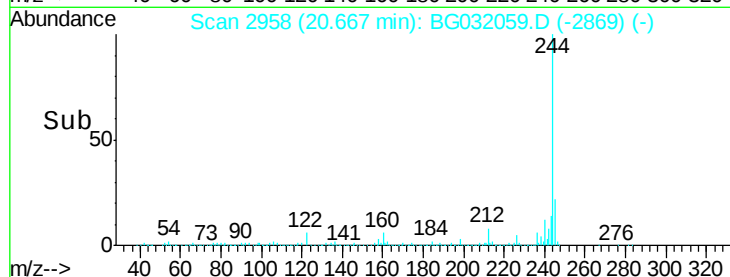
122 6.3 7.0 10.4#



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: 26.18 min Scan# 3897

Delta R.T. -0.03 min

Lab File: BG032059.D

Acq: 16 Jan 2018 8:35

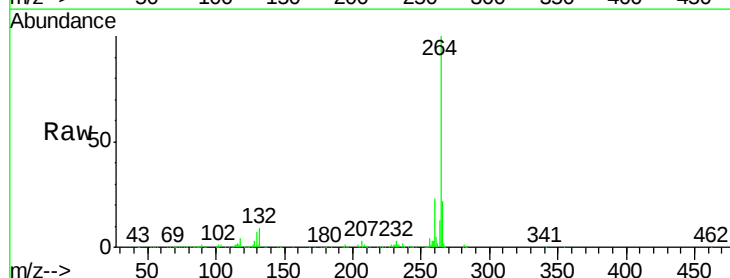
Tgt Ion:264 Resp: 418386

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 22.4 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

