

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032061.D
 Acq On : 16 Jan 2018 9:50
 Operator : SJ/JU
 Sample : J1112-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ENV-125-11(MW)

Quant Time: Jan 16 10:26:15 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	41689	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	161037	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	113160	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	312748	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	384906	20.00	ng	-0.02
86) Perylene-d12	26.18	264	391093	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	106657	46.79	ng	0.00
7) Phenol-d6	7.87	99	79006	27.52	ng	0.00
23) Nitrobenzene-d5	9.96	82	279532	117.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	227342	121.41	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1002295	109.83	ng	0.00
78) Terphenyl-d14	20.66	244	1827510	104.84	ng	-0.01

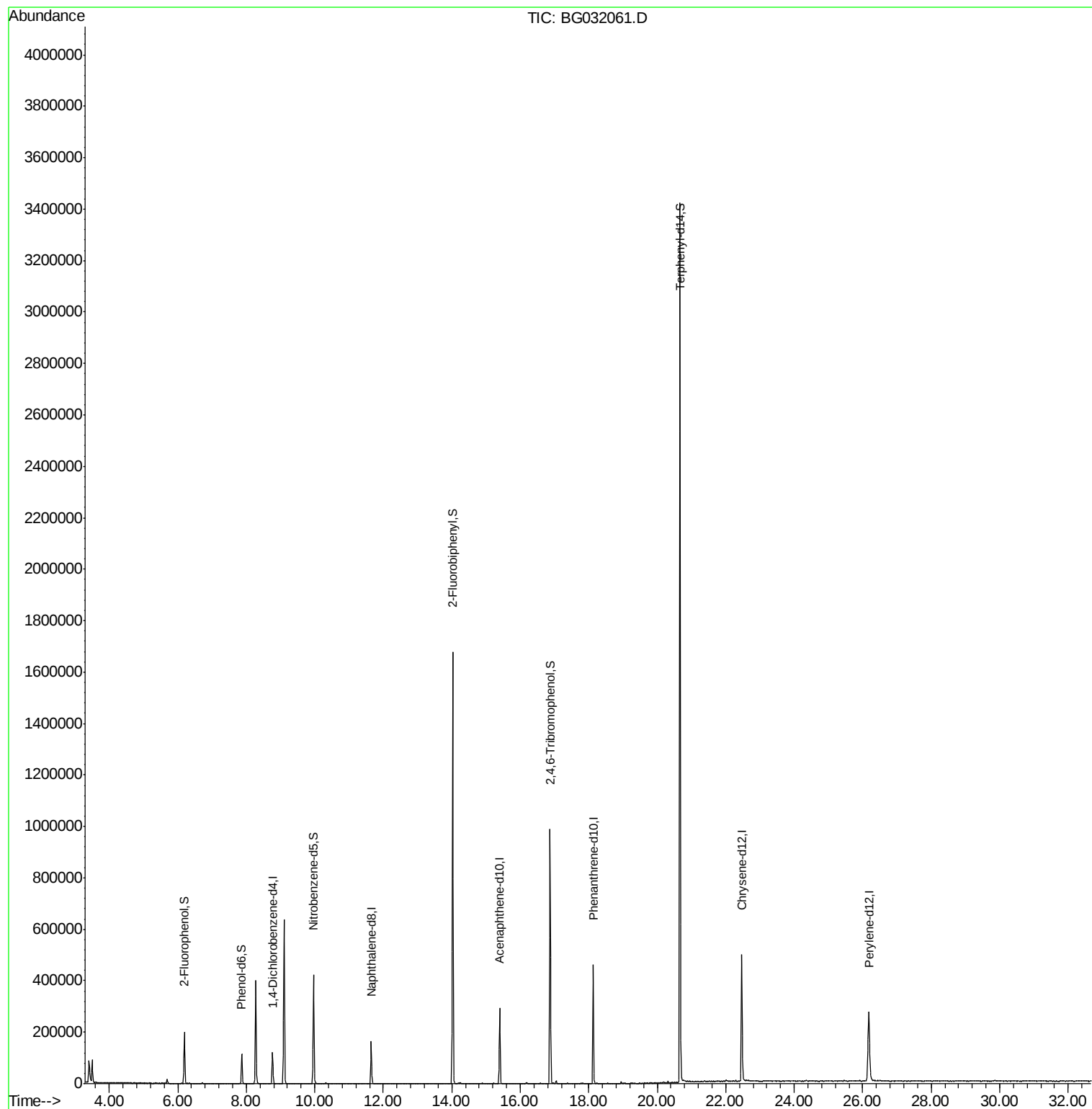
Target Compounds	Qvalue
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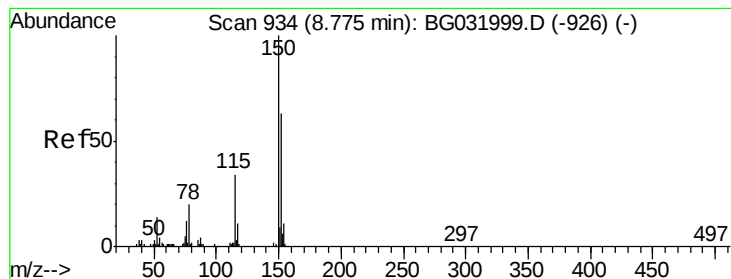
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032061.D

Acq: 16 Jan 2018 9:50

Instrument :

BNA_G

ClientSampleId :

ENV-125-11(MW)

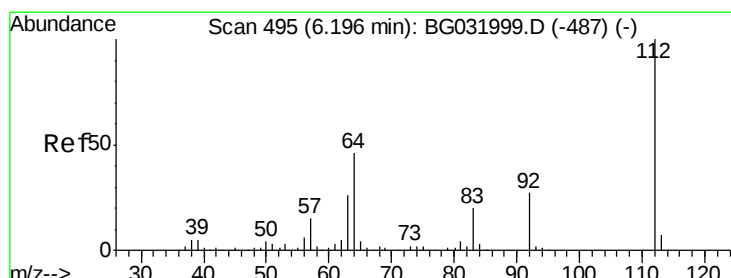
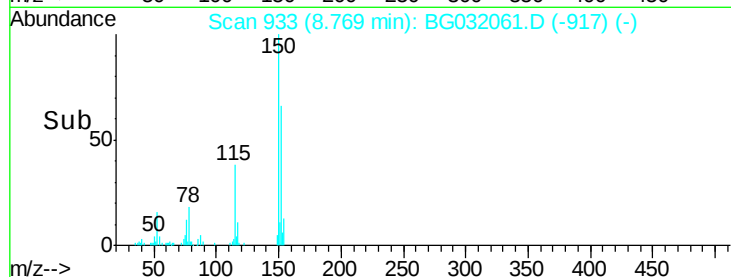
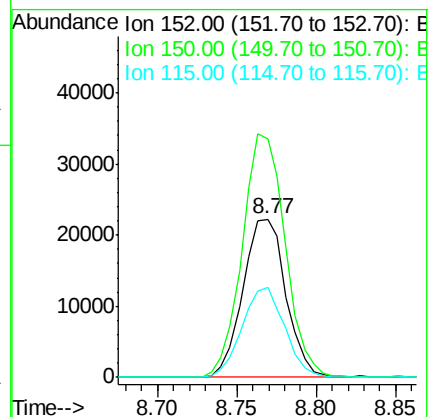
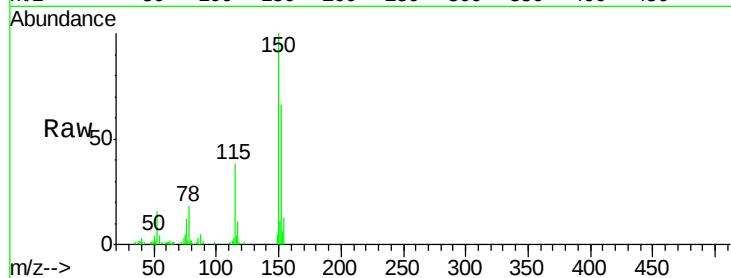
Tgt Ion:152 Resp: 41689

Ion Ratio Lower Upper

152 100

150 151.0 126.6 189.8

115 56.7 53.0 79.4



#5

2-Fluorophenol

Concen: 46.791 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.01 min

Lab File: BG032061.D

Acq: 16 Jan 2018 9:50

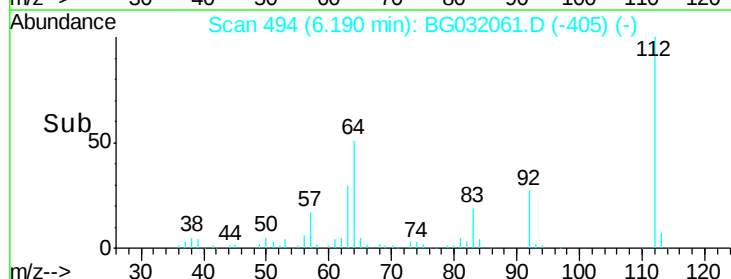
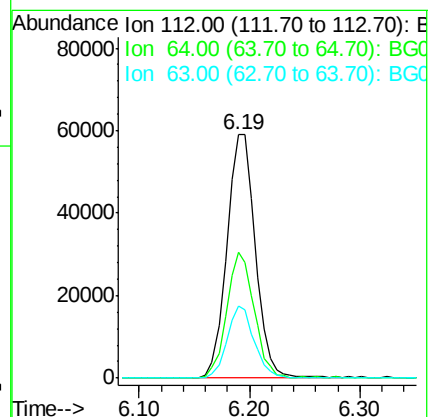
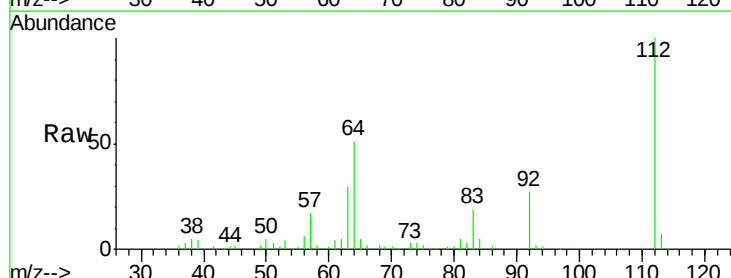
Tgt Ion:112 Resp: 106657

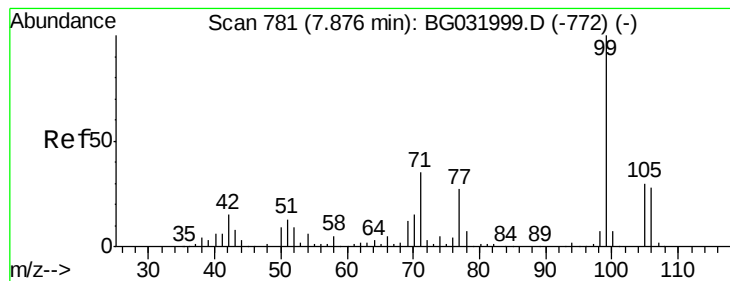
Ion Ratio Lower Upper

112 100

64 51.5 56.3 84.5#

63 29.6 30.1 45.1#





#7

Phenol-d6

Concen: 27.521 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032061.D

Acq: 16 Jan 2018 9:50

Instrument :

BNA_G

ClientSampleId :

ENV-125-11(MW)

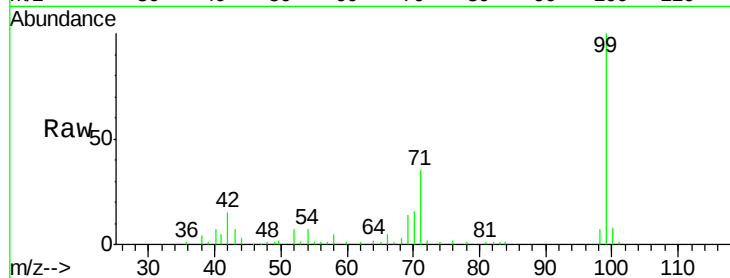
Tgt Ion: 99 Resp: 79006

Ion Ratio Lower Upper

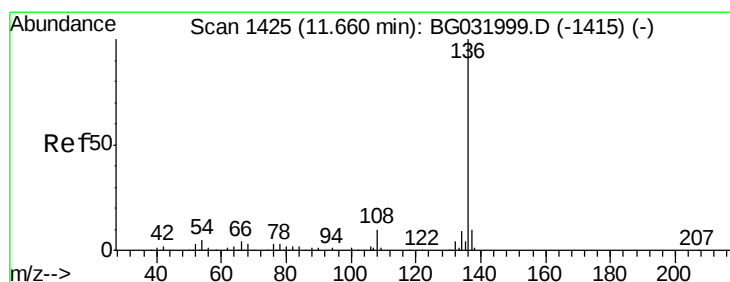
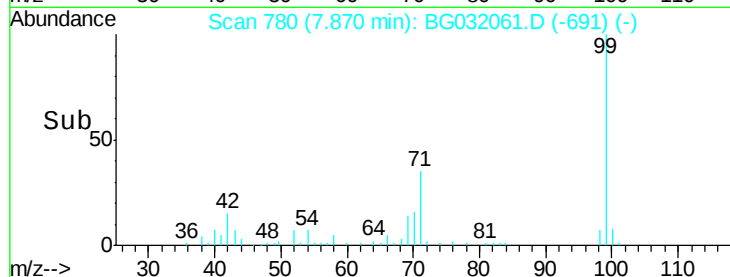
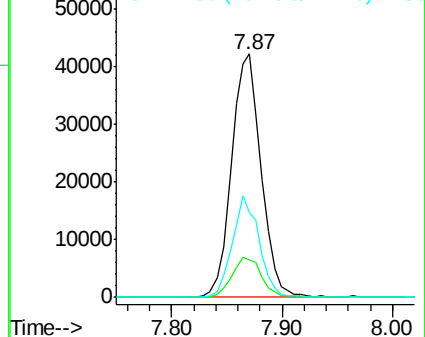
99 100

42 15.2 14.1 21.1

71 34.9 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: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032061.D

Acq: 16 Jan 2018 9:50

Tgt Ion: 136 Resp: 161037

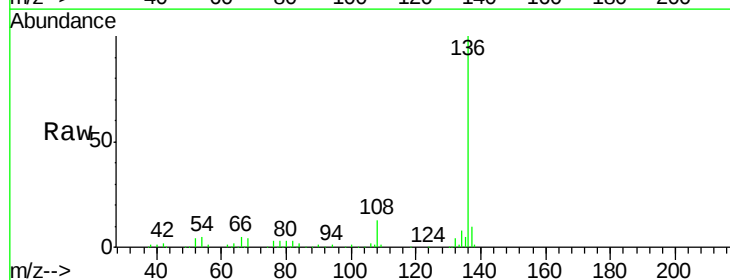
Ion Ratio Lower Upper

136 100

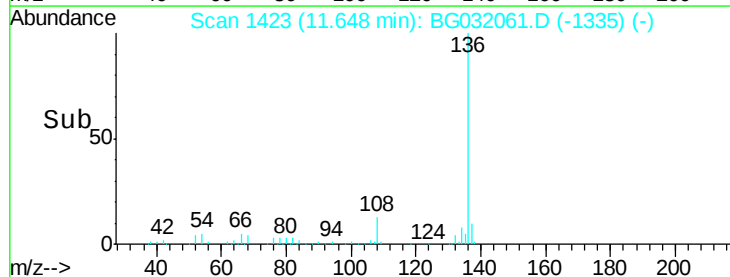
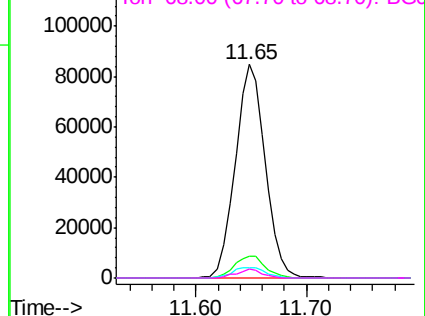
137 10.0 9.2 13.8

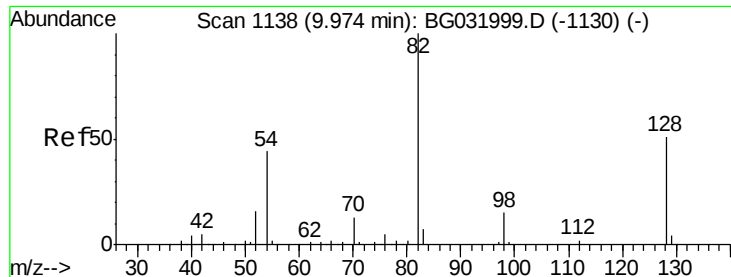
54 5.0 10.3 15.5#

68 4.1 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

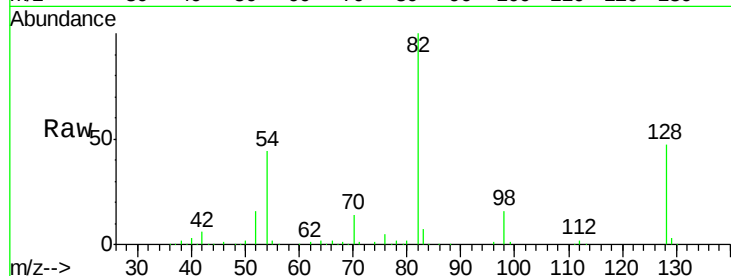




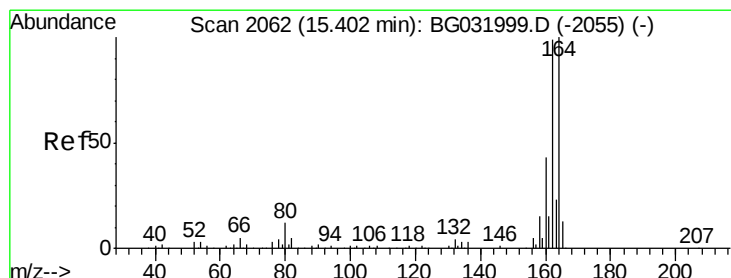
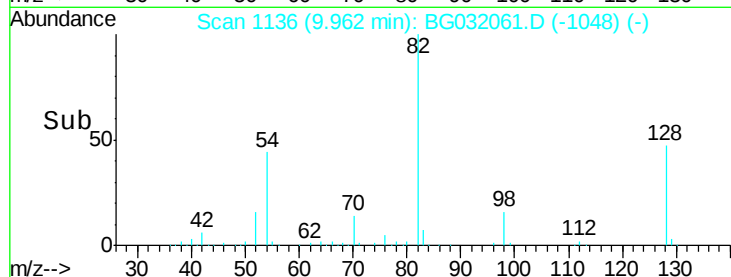
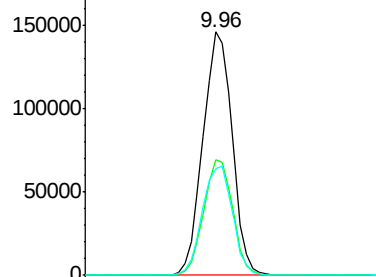
#23
Nitrobenzene-d5
Concen: 117.436 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :
ENV-125-11(MW)

Tgt Ion: 82 Resp: 279532
Ion Ratio Lower Upper
82 100
128 47.3 29.7 44.5#
54 44.0 43.1 64.7

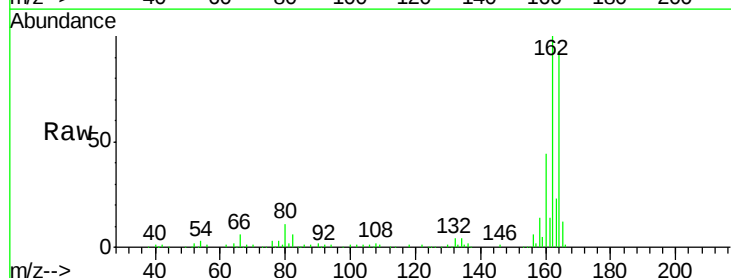


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

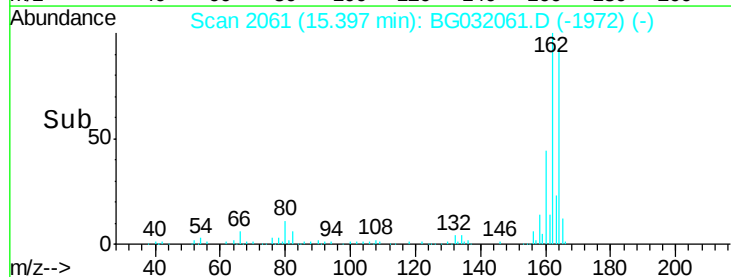
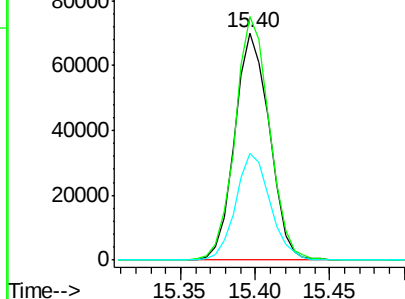


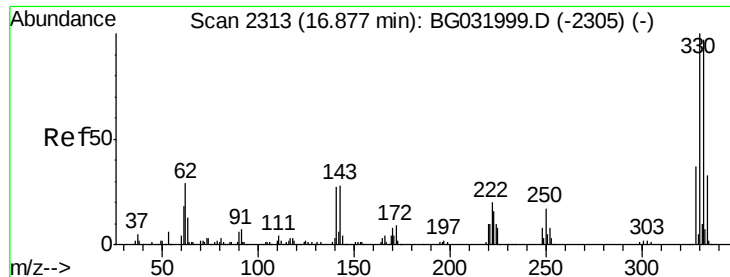
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

Tgt Ion: 164 Resp: 113160
Ion Ratio Lower Upper
164 100
162 107.1 78.8 118.2
160 46.7 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

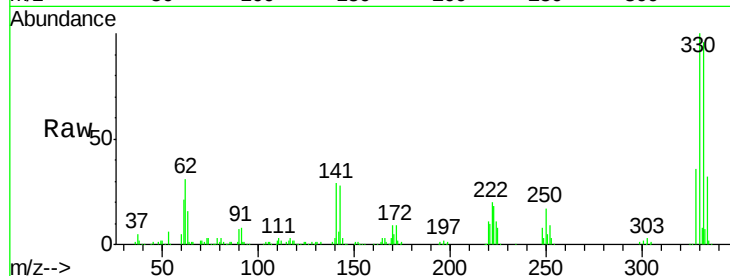




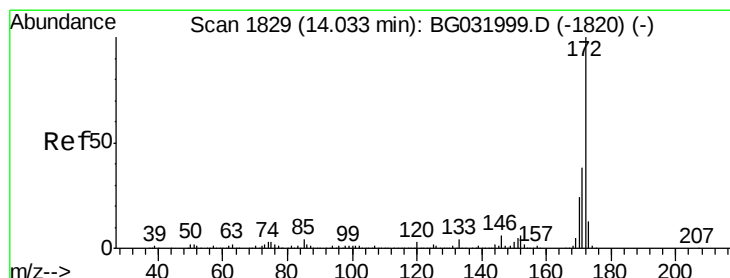
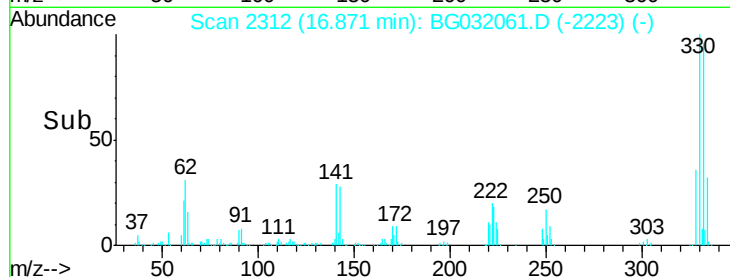
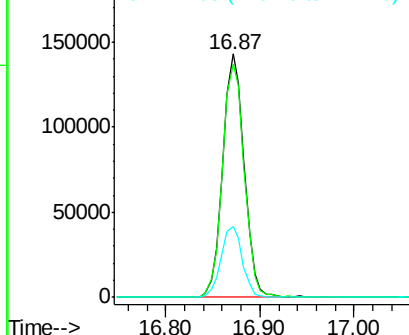
#41
 2,4,6-Tribromophenol
 Concen: 121.409 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :
 ENV-125-11(MW)

Tgt Ion:330 Resp: 227342
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 29.2 25.2 37.8

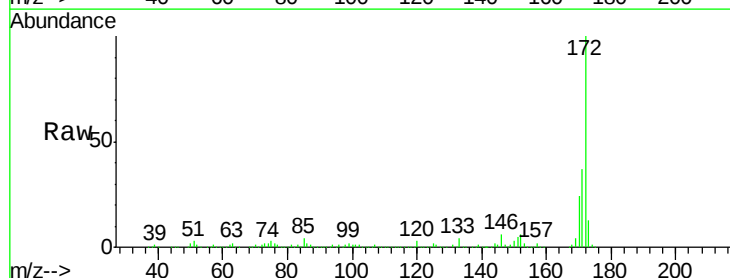


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

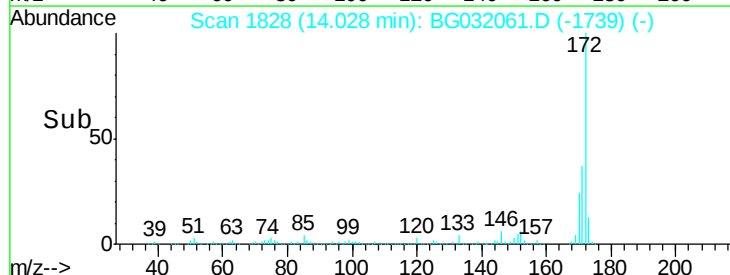
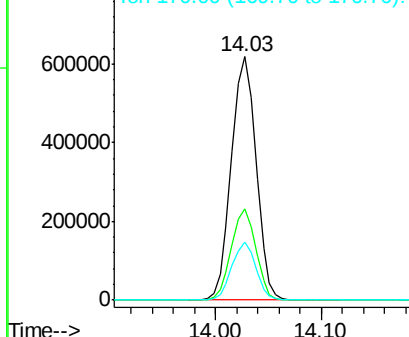


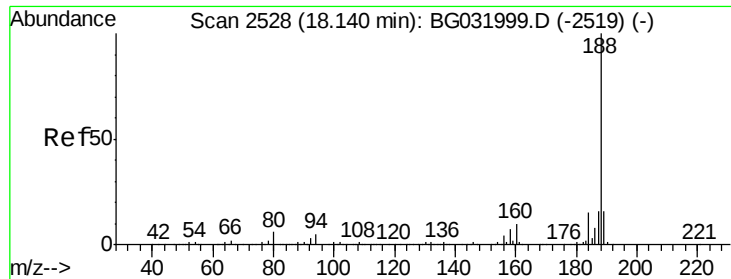
#44
 2-Fluorobiphenyl
 Concen: 109.827 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

Tgt Ion:172 Resp: 1002295
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.6 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

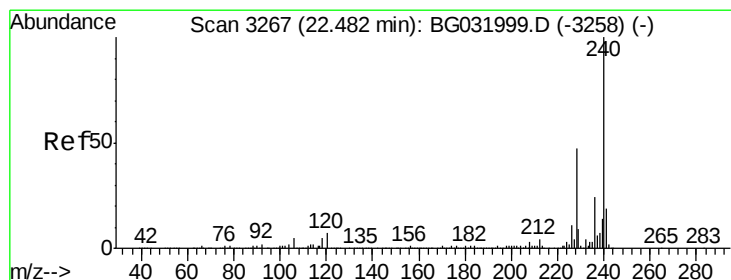
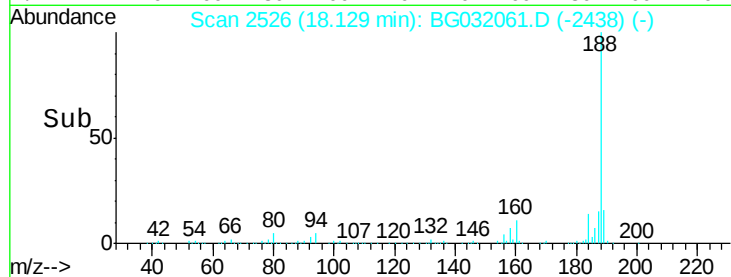
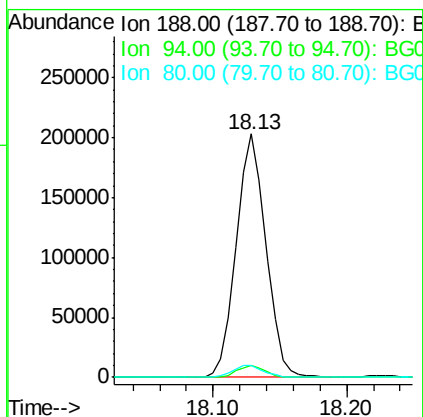
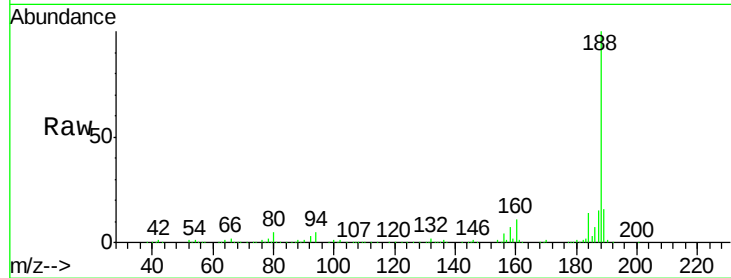




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

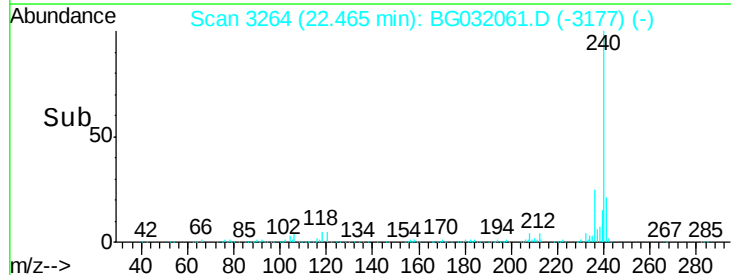
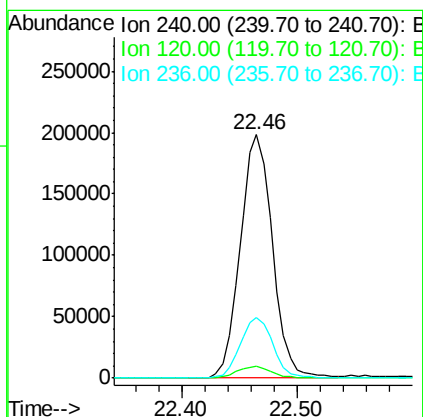
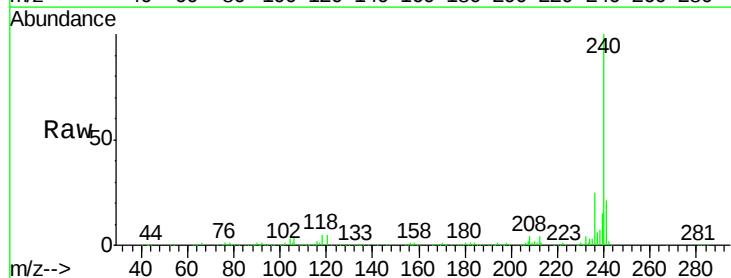
Instrument :
BNA_G
ClientSampleId :
ENV-125-11(MW)

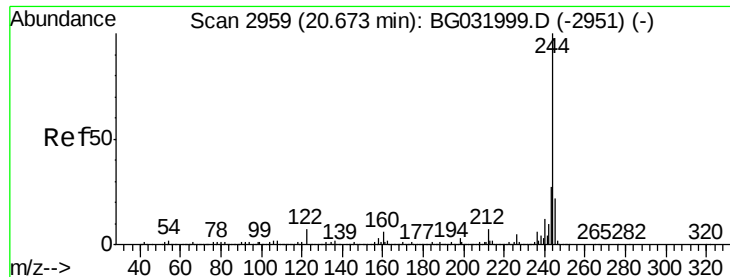
Tgt Ion:188 Resp: 312748
Ion Ratio Lower Upper
188 100
94 4.7 6.9 10.3#
80 5.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

Tgt Ion:240 Resp: 384906
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 25.0 20.9 31.3





#78

Terphenyl-d14

Concen: 104.837 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032061.D

Acq: 16 Jan 2018 9:50

Instrument :

BNA_G

ClientSampleId :

ENV-125-11(MW)

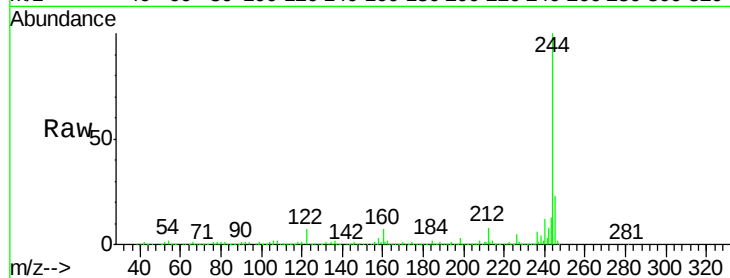
Tgt Ion:244 Resp: 1827510

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

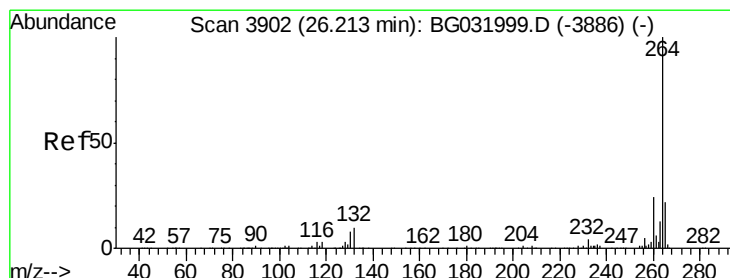
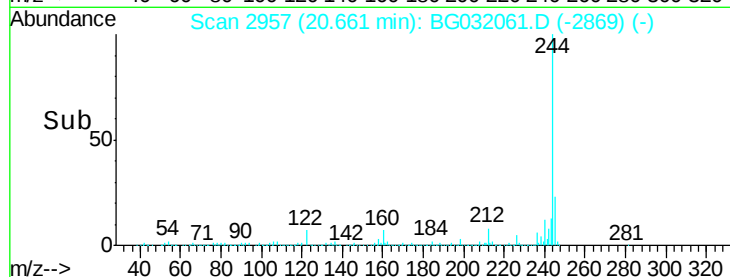
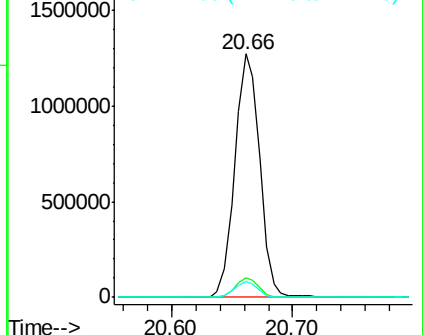
122 6.7 7.0 10.4#



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# 3896

Delta R.T. -0.04 min

Lab File: BG032061.D

Acq: 16 Jan 2018 9:50

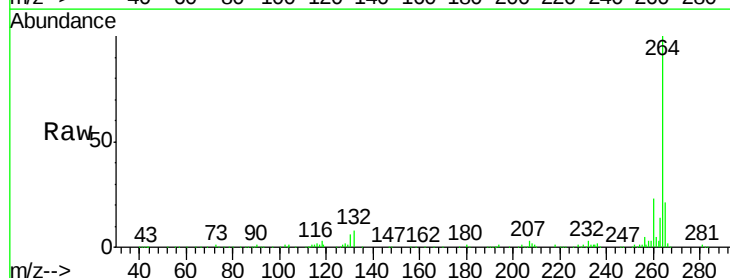
Tgt Ion:264 Resp: 391093

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.3 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

