

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011218\
 Data File : BG032007.D
 Acq On : 12 Jan 2018 18:07
 Operator : SJ/JU
 Sample : PB105600BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105600BL

Quant Time: Jan 13 03:16:43 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 12 17:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	51477	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	199242	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	134152	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	354326	20.00	ng	0.00
75) Chrysene-d12	22.48	240	426605	20.00	ng	0.00
86) Perylene-d12	26.21	264	441354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	294135	104.50	ng	0.00
7) Phenol-d6	7.87	99	361674	102.03	ng	0.00
23) Nitrobenzene-d5	9.97	82	200424	68.06	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	217921	98.17	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	717922	66.36	ng	0.00
78) Terphenyl-d14	20.67	244	1415271	73.25	ng	0.00

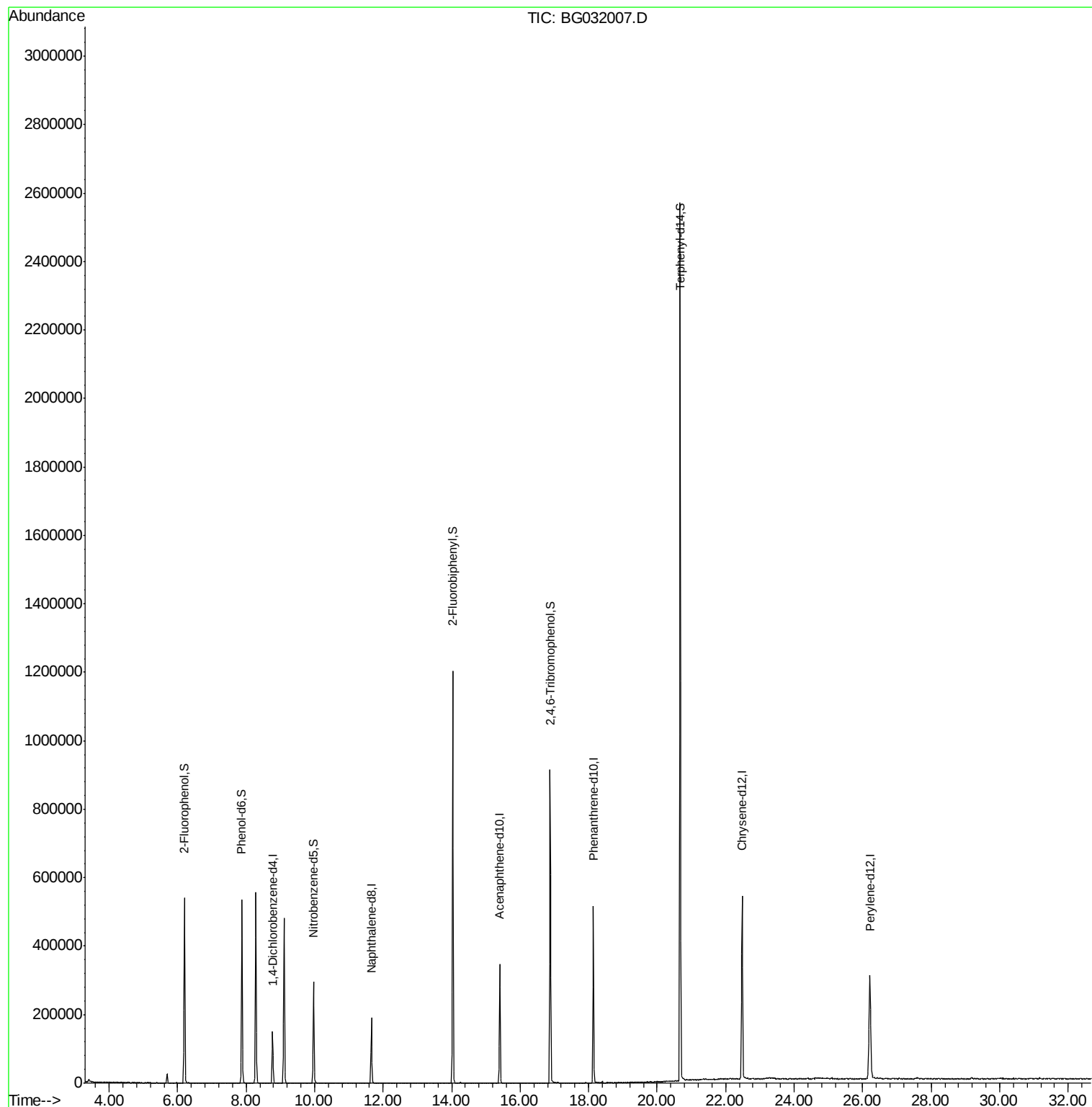
Target Compounds	Qvalue
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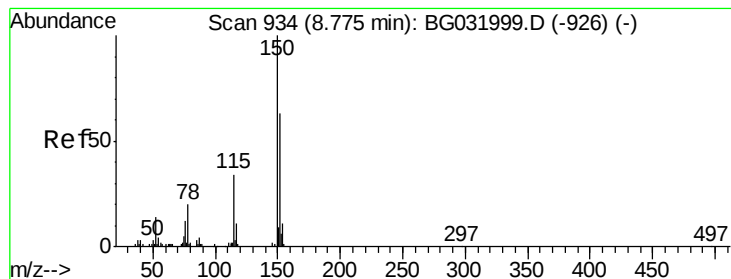
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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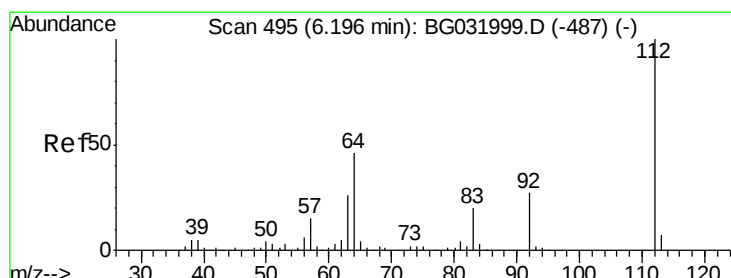
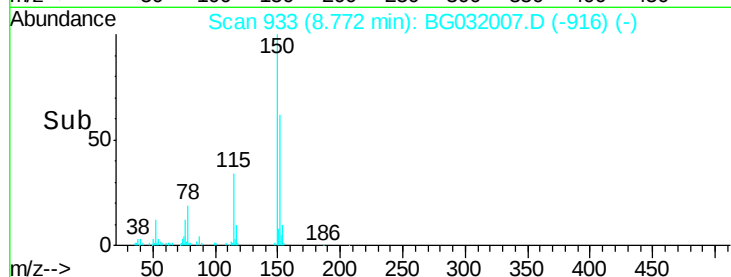
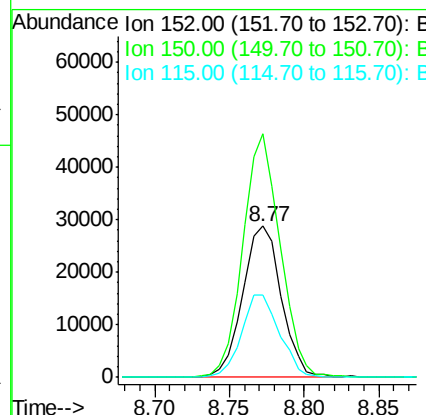
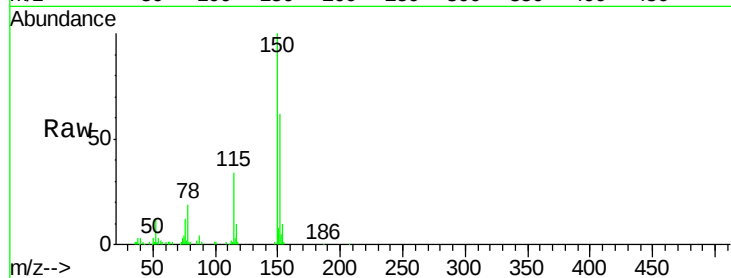


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.77 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105600BL

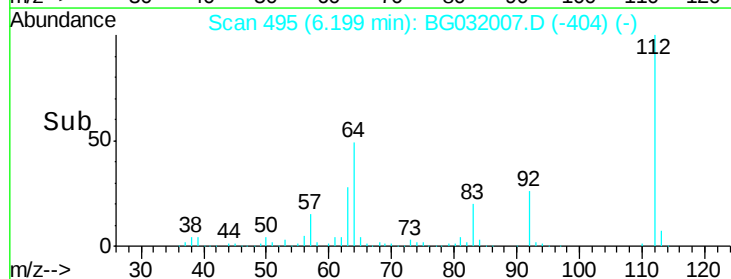
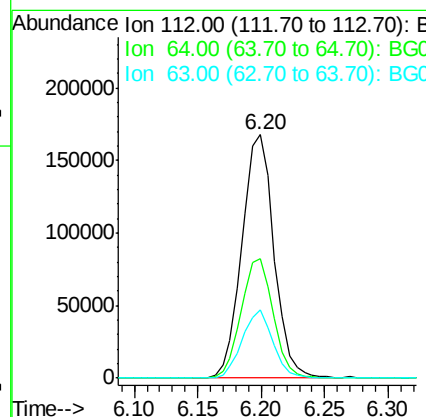
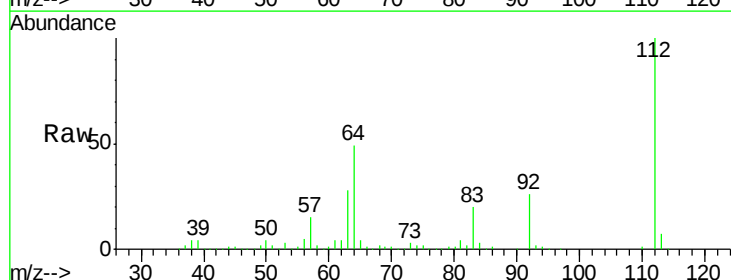
Tgt Ion:152 Resp: 51477
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.6 189.8
 115 55.0 53.0 79.4

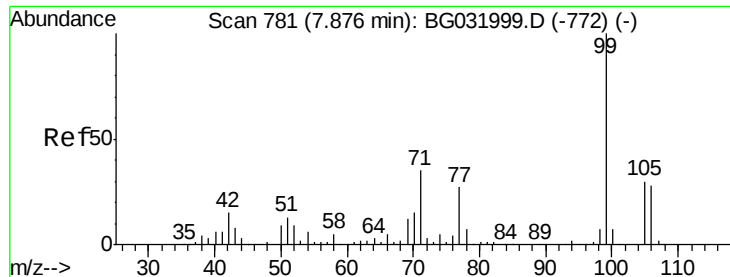


#5

2-Fluorophenol
 Concen: 104.504 ng
 RT: 6.20 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Tgt Ion:112 Resp: 294135
 Ion Ratio Lower Upper
 112 100
 64 48.9 56.3 84.5#
 63 28.1 30.1 45.1#





#7

Phenol-d6

Concen: 102.029 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

PB105600BL

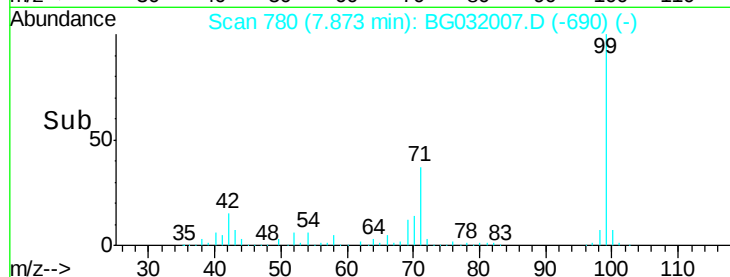
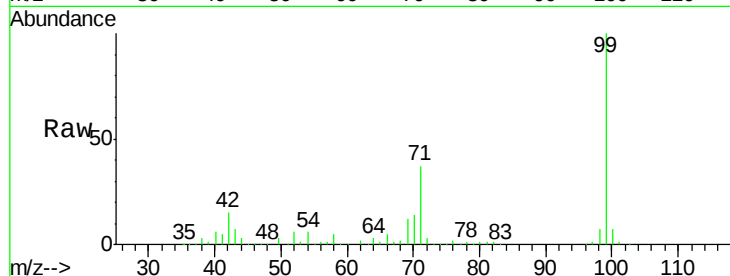
Tgt Ion: 99 Resp: 361674

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

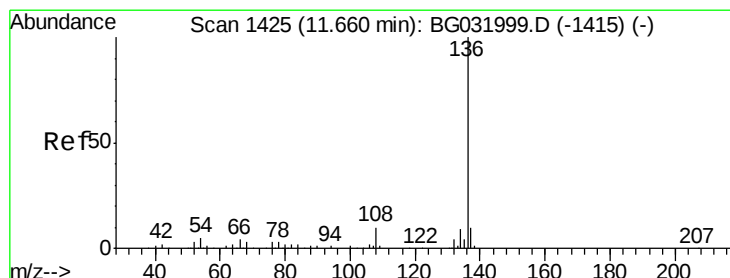
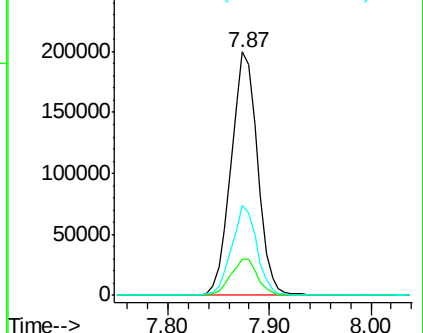
71 36.8 26.1 39.1



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: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Tgt Ion: 136 Resp: 199242

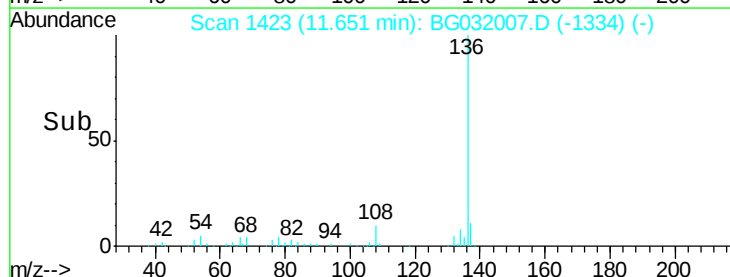
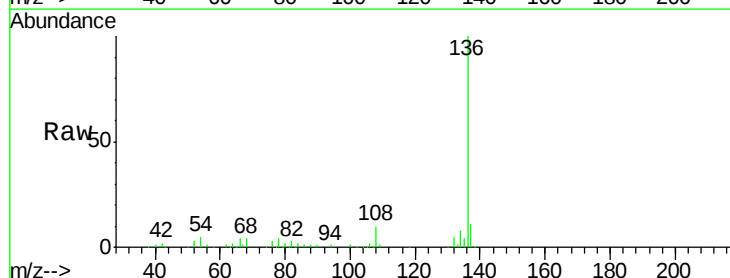
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 5.5 10.3 15.5#

68 3.6 4.5 6.7#

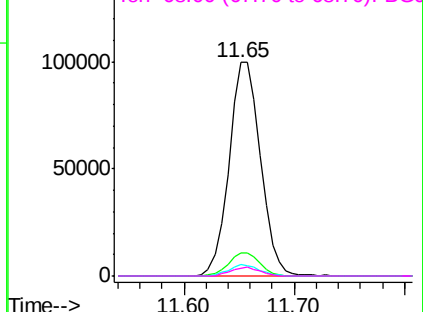


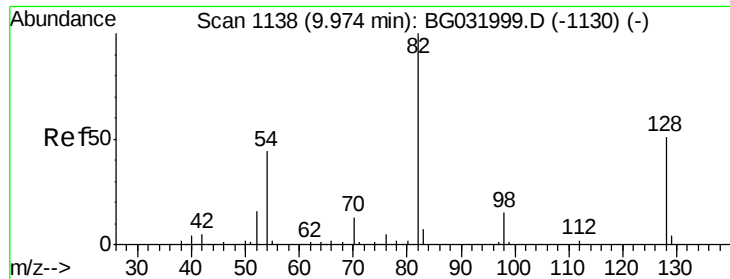
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

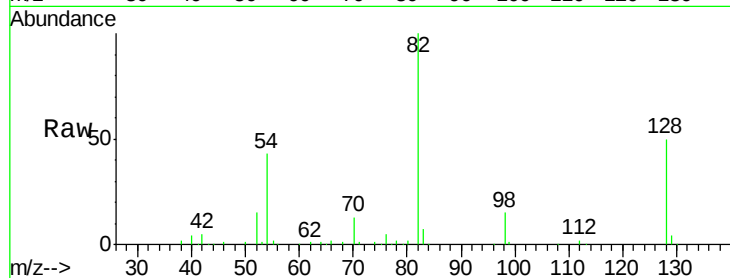




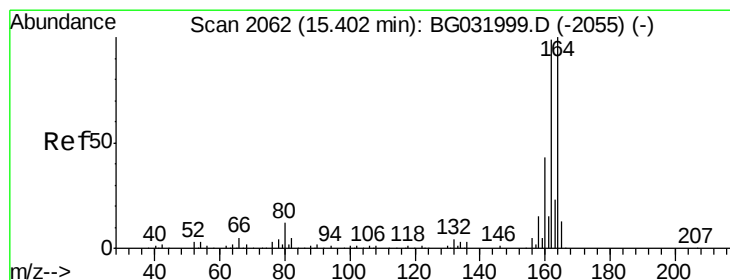
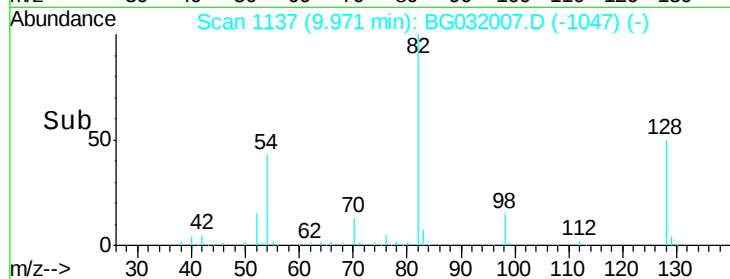
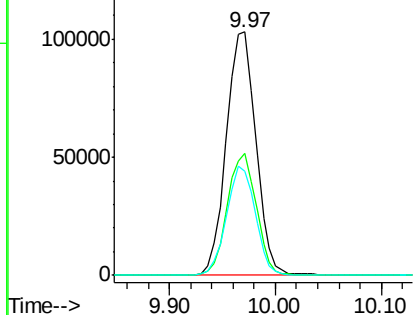
#23
Nitrobenzene-d5
Concen: 68.056 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Instrument :
BNA_G
ClientSampleId :
PB105600BL

Tgt Ion: 82 Resp: 200424
Ion Ratio Lower Upper
82 100
128 49.9 29.7 44.5#
54 42.9 43.1 64.7#

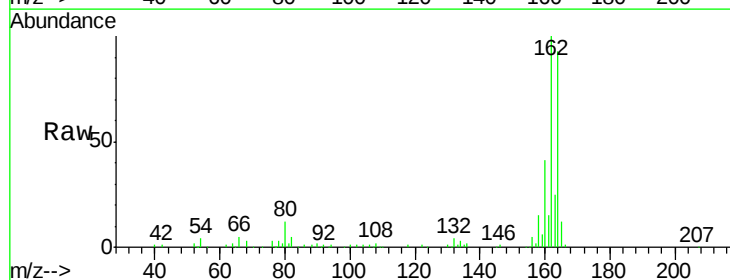


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

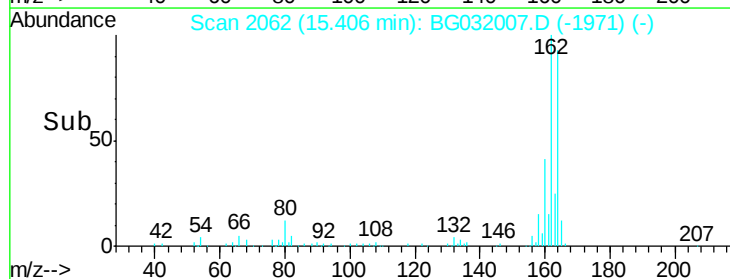
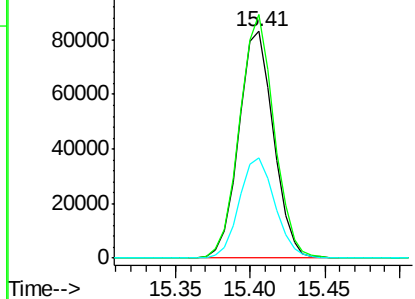


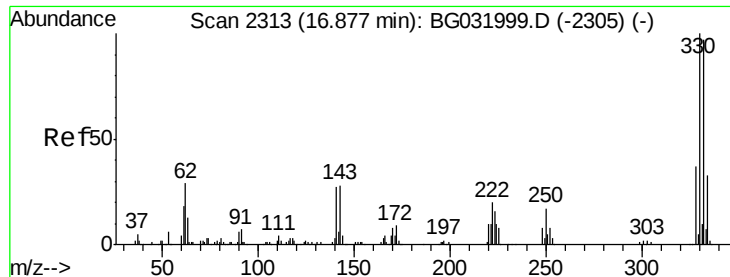
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2062
Delta R.T. 0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Tgt Ion: 164 Resp: 134152
Ion Ratio Lower Upper
164 100
162 107.3 78.8 118.2
160 44.0 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

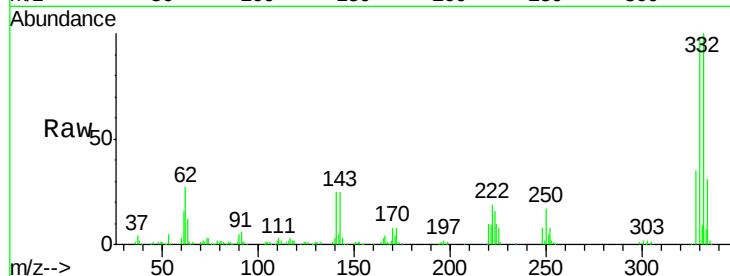




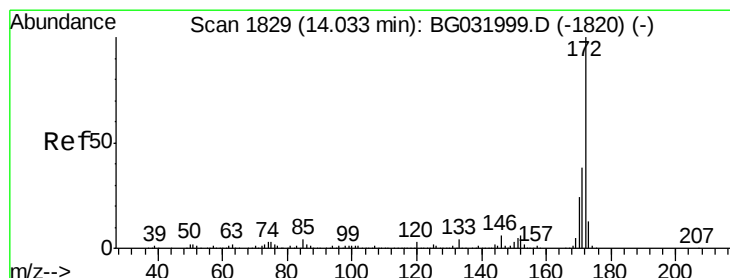
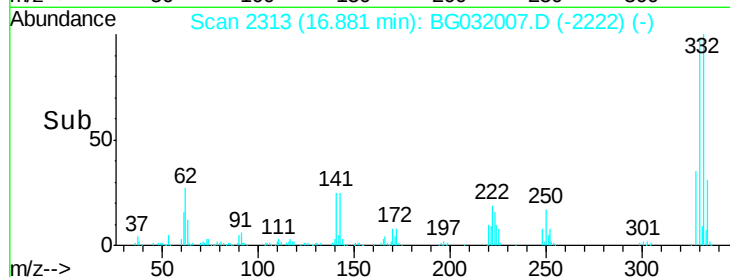
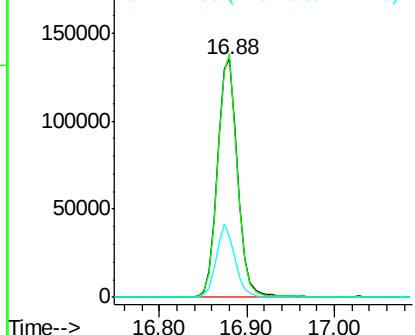
#41
 2,4,6-Tribromophenol
 Concen: 98.167 ng
 RT: 16.88 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105600BL

Tgt Ion:330 Resp: 217921
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 28.2 25.2 37.8

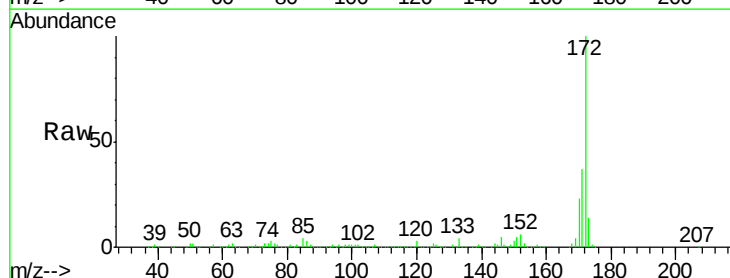


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

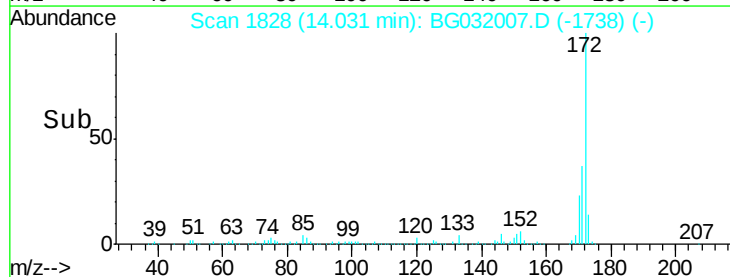
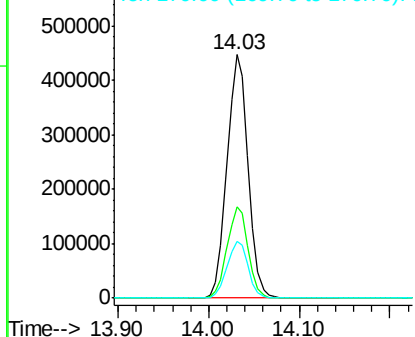


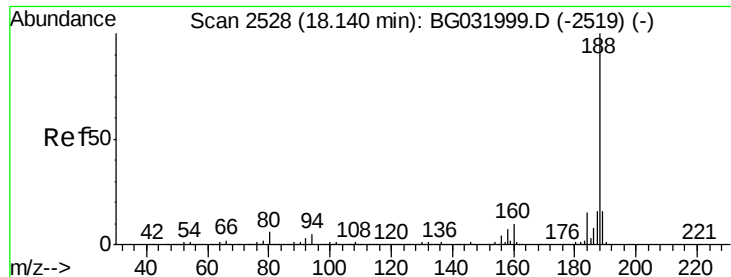
#44
 2-Fluorobiphenyl
 Concen: 66.357 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032007.D
 Acq: 12 Jan 2018 18:07

Tgt Ion:172 Resp: 717922
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 23.4 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

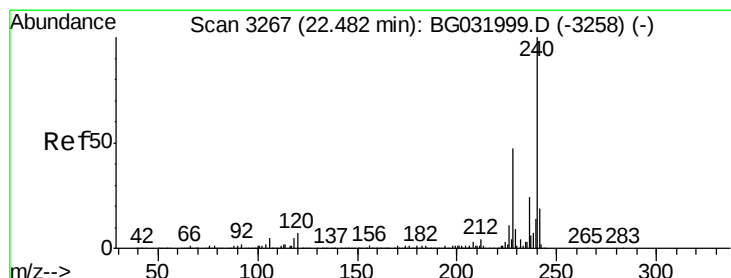
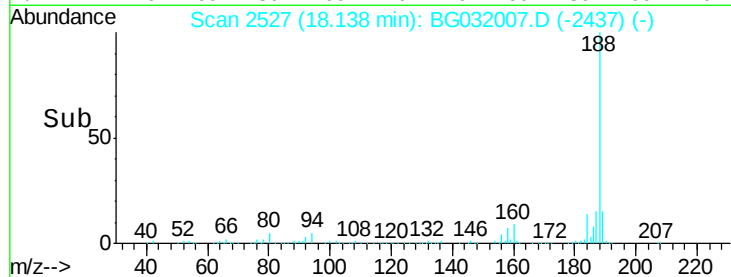
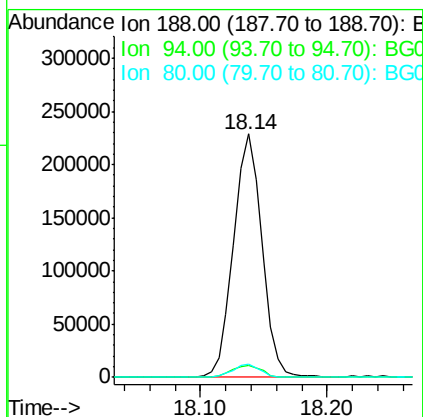
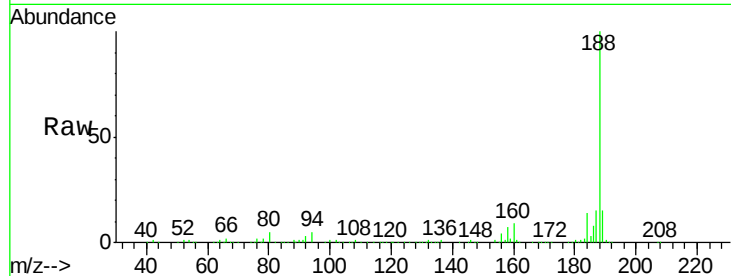




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

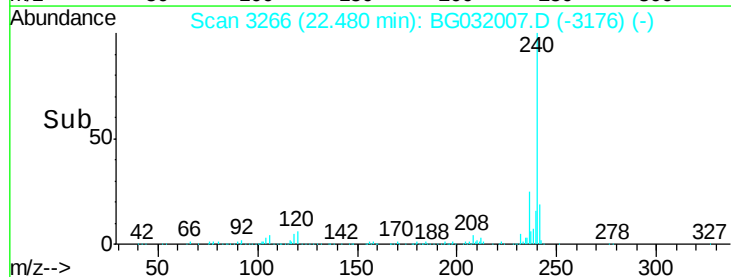
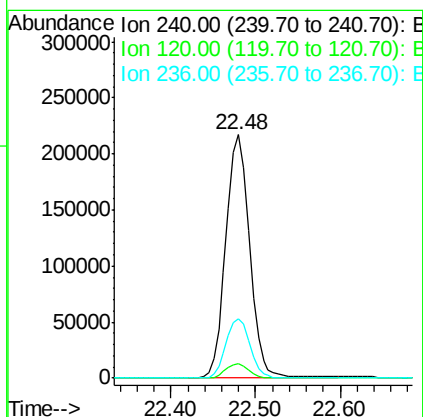
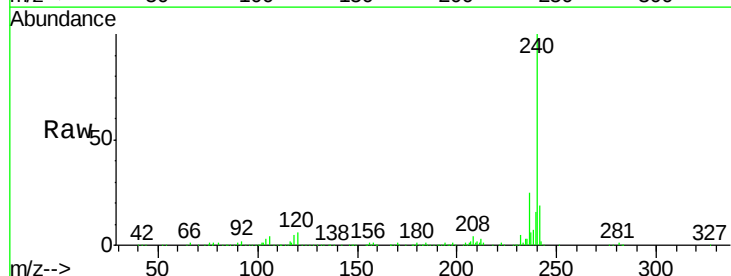
Instrument :
BNA_G
ClientSampleId :
PB105600BL

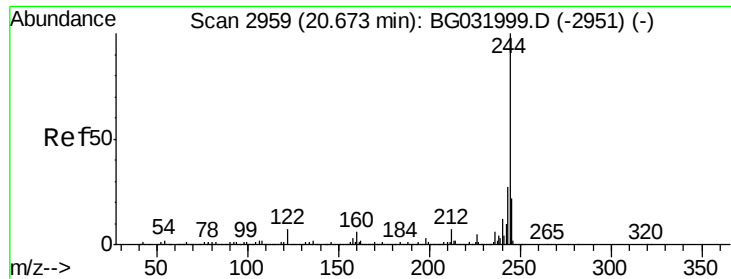
Tgt Ion:188 Resp: 354326
Ion Ratio Lower Upper
188 100
94 4.9 6.9 10.3#
80 5.5 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.48 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BG032007.D
Acq: 12 Jan 2018 18:07

Tgt Ion:240 Resp: 426605
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 73.252 ng

RT: 20.67 min Scan# 2958

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

PB105600BL

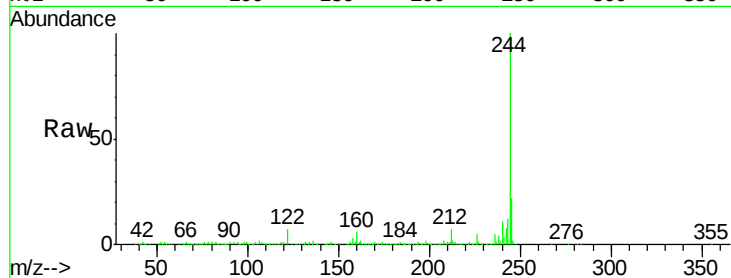
Tgt Ion:244 Resp: 1415271

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

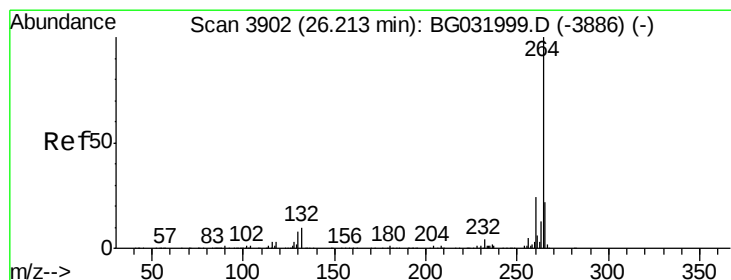
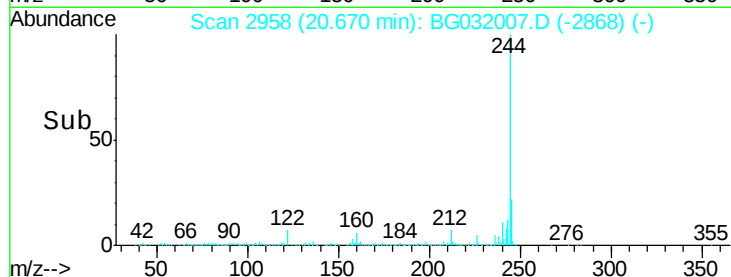
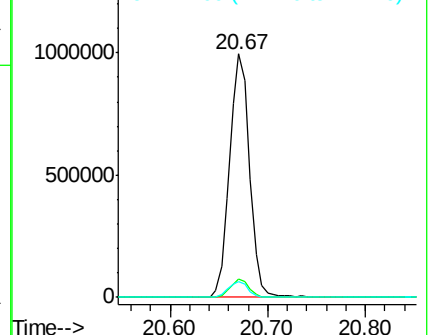
122 6.6 7.0 10.4#



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: 26.21 min Scan# 3901

Delta R.T. -0.00 min

Lab File: BG032007.D

Acq: 12 Jan 2018 18:07

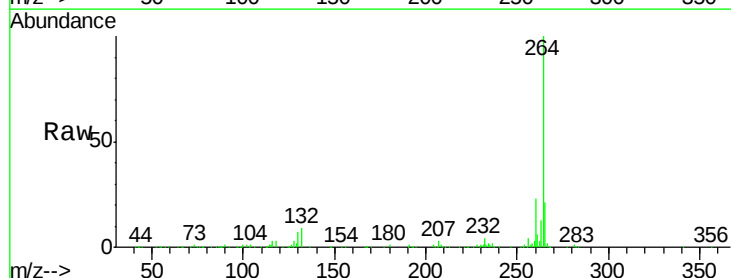
Tgt Ion:264 Resp: 441354

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 20.5 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

