

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011518\
 Data File : BG032038.D
 Acq On : 15 Jan 2018 18:52
 Operator : SJ/JU
 Sample : PB105635BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BL

Quant Time: Jan 16 02:35:23 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	8.76	152	41163	20.00	ng	-0.01
21) Naphthalene-d8	11.65	136	157787	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	103731	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	310165	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	414843	20.00	ng	-0.02
86) Perylene-d12	26.18	264	426762	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	264136	117.36	ng	0.00
7) Phenol-d6	7.87	99	319246	112.63	ng	0.00
23) Nitrobenzene-d5	9.96	82	181359	77.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	228646	133.20	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	648606	77.53	ng	0.00
78) Terphenyl-d14	20.66	244	1531293	81.50	ng	-0.01

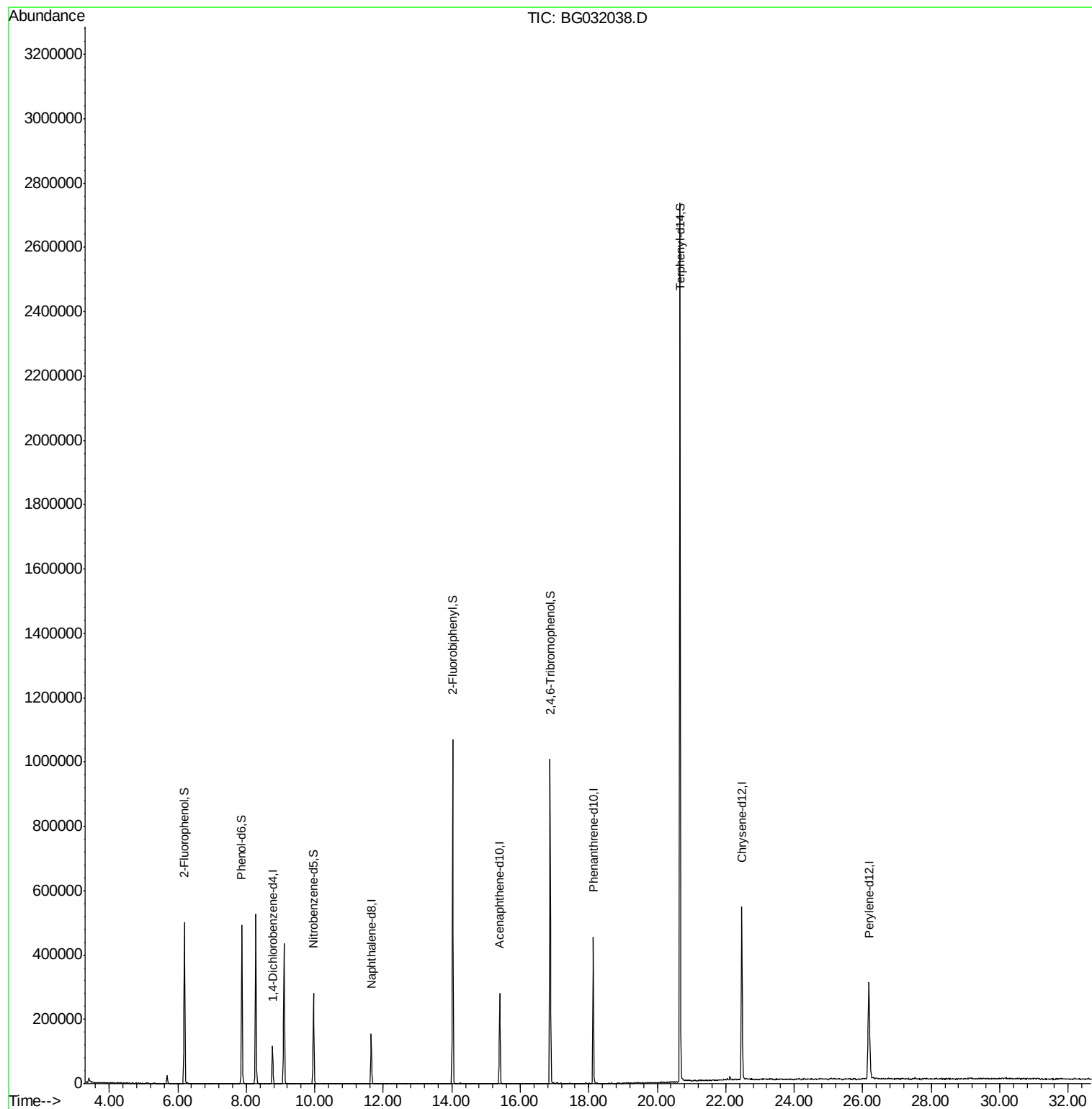
Target Compounds	Qvalue
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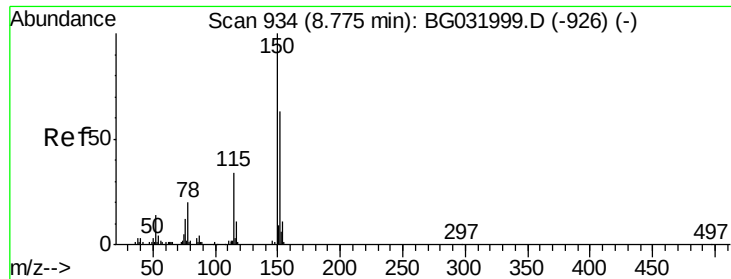
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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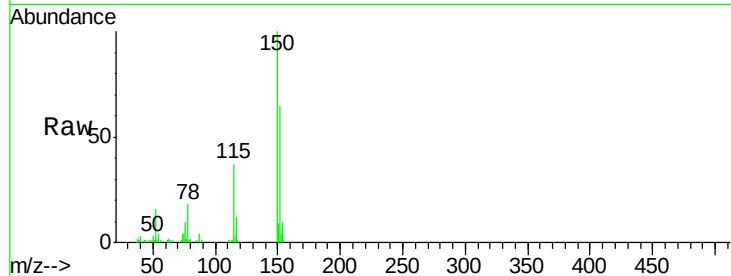


#1

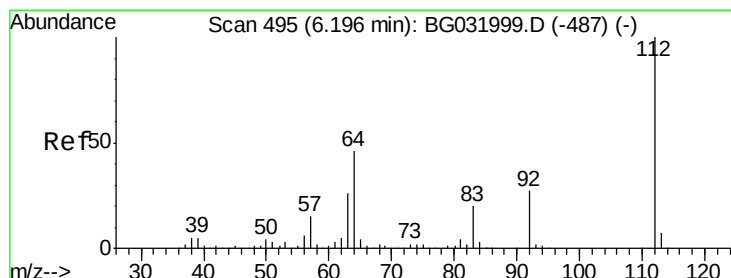
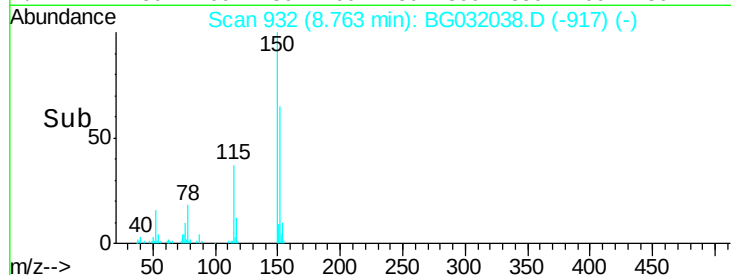
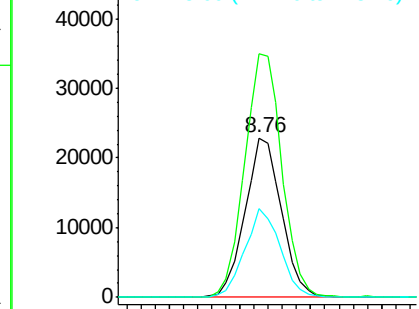
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.76 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032038.D
Acq: 15 Jan 2018 18:52

Instrument :
BNA_G
ClientSampleId :
PB105635BL

Tgt Ion:152 Resp: 41163
Ion Ratio Lower Upper
152 100
150 152.9 126.6 189.8
115 56.1 53.0 79.4



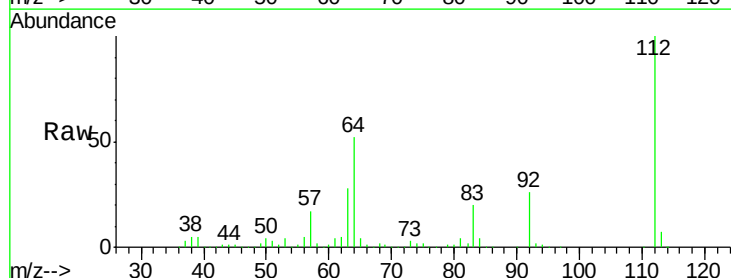
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



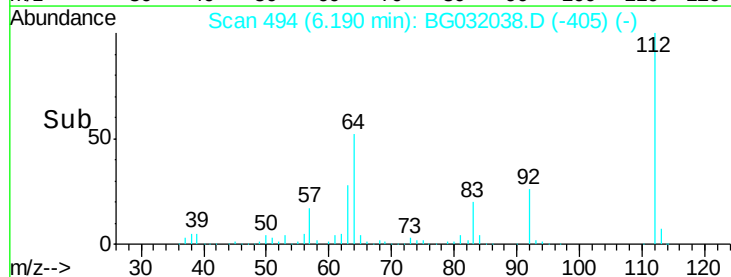
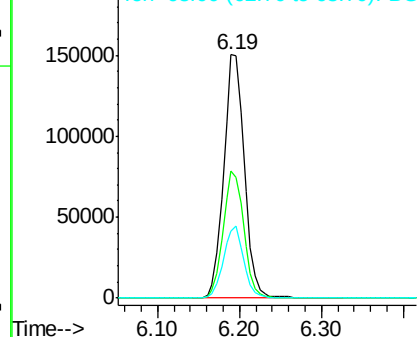
#5

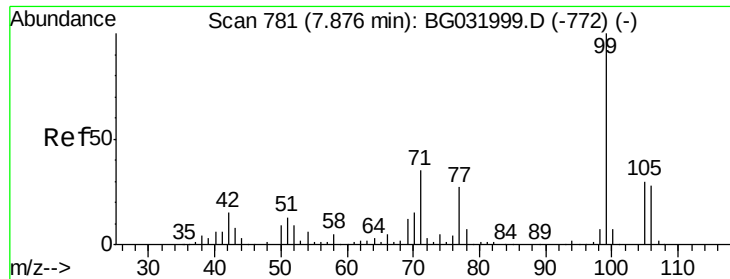
2-Fluorophenol
Concen: 117.360 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.01 min
Lab File: BG032038.D
Acq: 15 Jan 2018 18:52

Tgt Ion:112 Resp: 264136
Ion Ratio Lower Upper
112 100
64 52.4 56.3 84.5#
63 27.6 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: 112.626 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032038.D

Acq: 15 Jan 2018 18:52

Instrument :

BNA_G

ClientSampleId :

PB105635BL

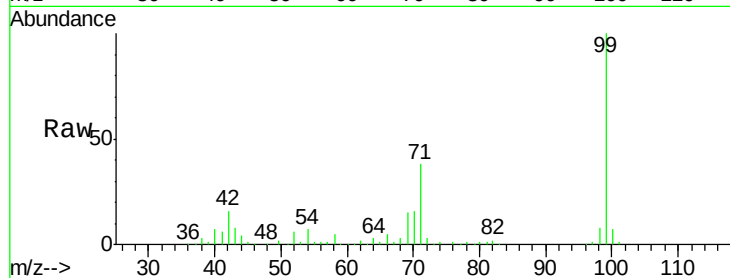
Tgt Ion: 99 Resp: 319246

Ion Ratio Lower Upper

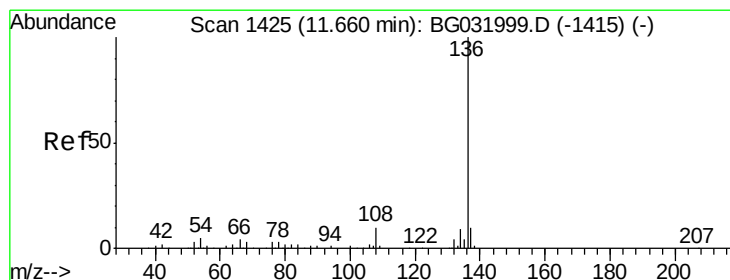
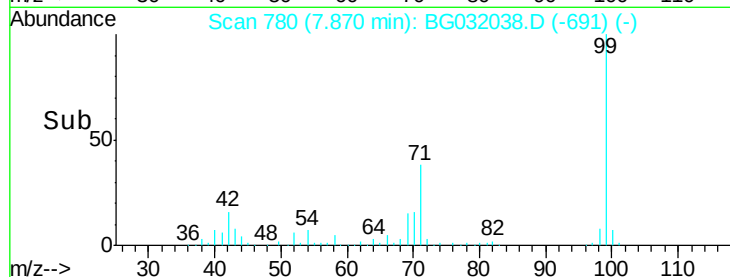
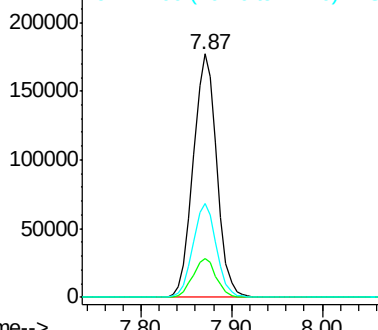
99 100

42 15.7 14.1 21.1

71 38.4 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: BG032038.D

Acq: 15 Jan 2018 18:52

Tgt Ion: 136 Resp: 157787

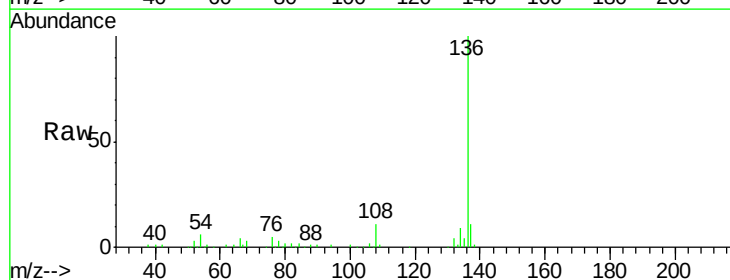
Ion Ratio Lower Upper

136 100

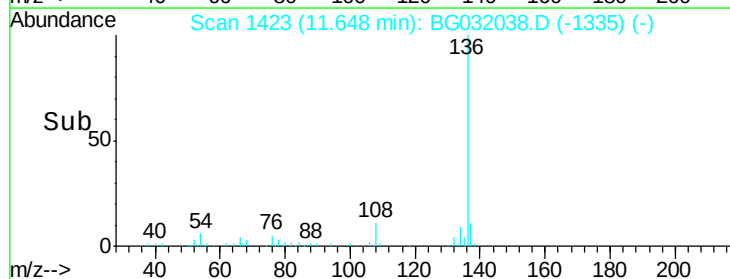
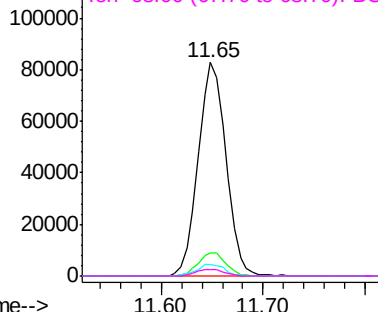
137 10.5 9.2 13.8

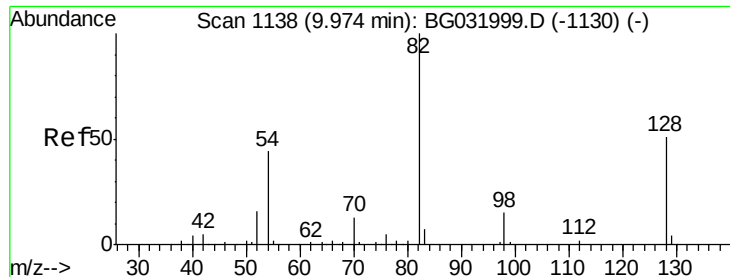
54 5.5 10.3 15.5#

68 3.2 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

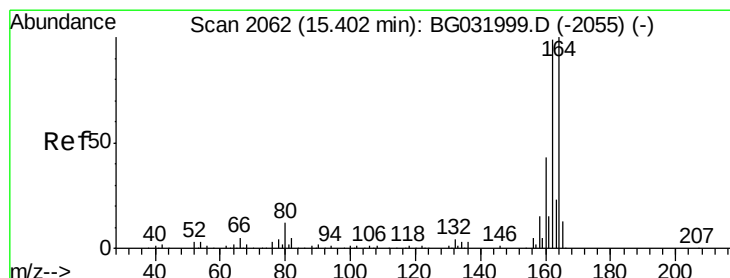
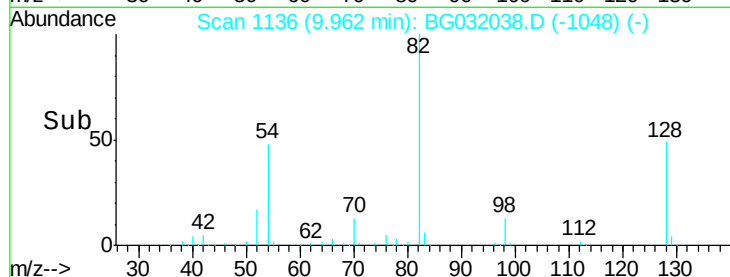
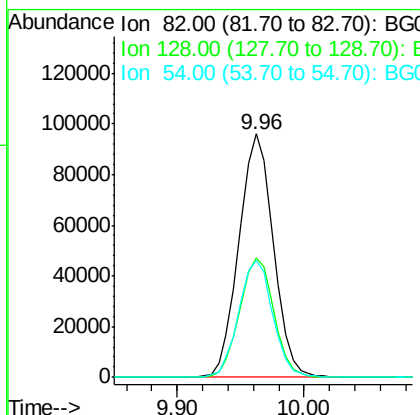
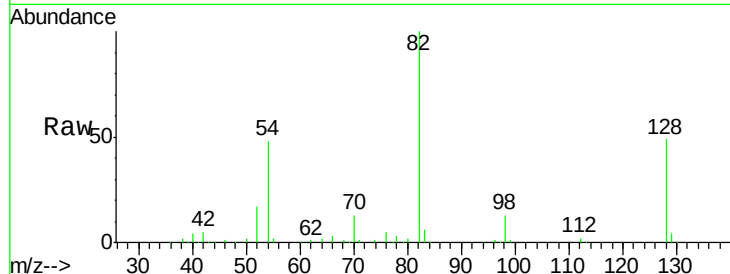




#23
 Nitrobenzene-d5
 Concen: 77.761 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032038.D
 Acq: 15 Jan 2018 18:52

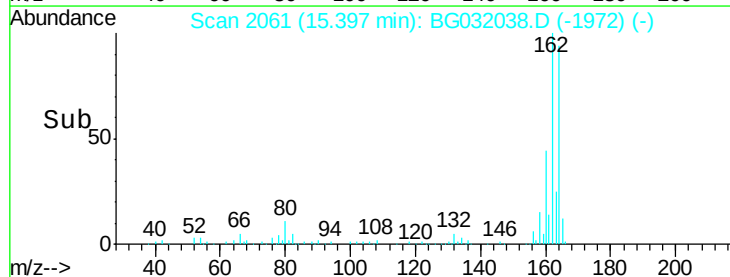
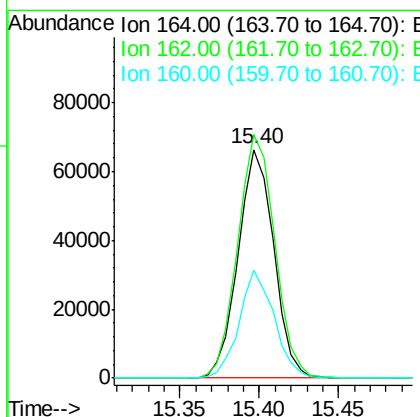
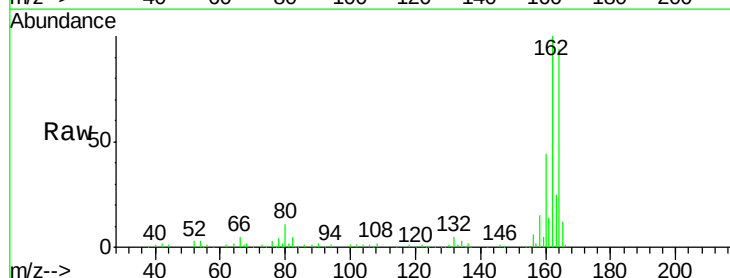
Instrument :
 BNA_G
 ClientSampleId :
 PB105635BL

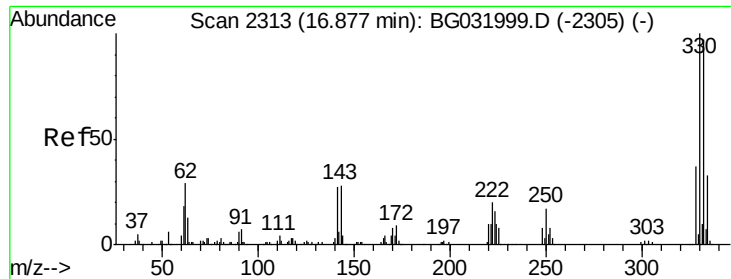
Tgt Ion: 82 Resp: 181359
 Ion Ratio Lower Upper
 82 100
 128 48.9 29.7 44.5#
 54 48.2 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG032038.D
 Acq: 15 Jan 2018 18:52

Tgt Ion: 164 Resp: 103731
 Ion Ratio Lower Upper
 164 100
 162 106.7 78.8 118.2
 160 47.0 35.4 53.0

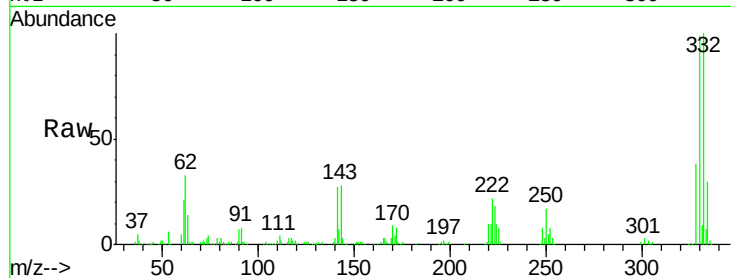




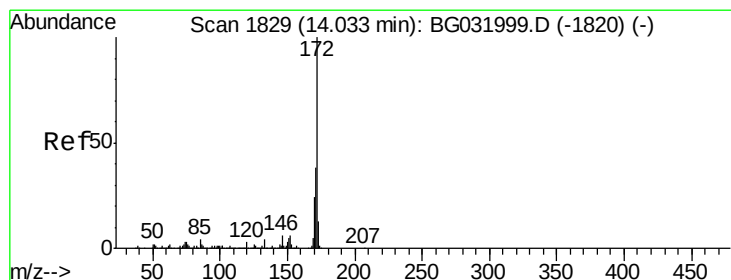
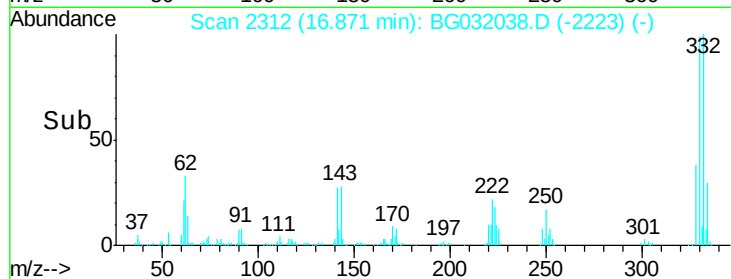
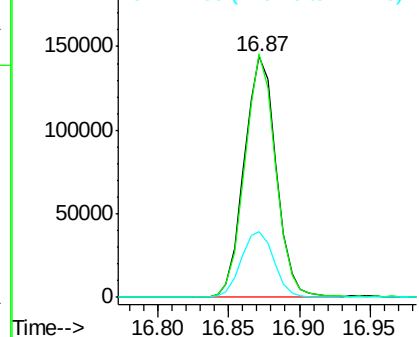
#41
 2,4,6-Tribromophenol
 Concen: 133.204 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032038.D
 Acq: 15 Jan 2018 18:52

Instrument :
 BNA_G
 ClientSampleId :
 PB105635BL

Tgt Ion:330 Resp: 228646
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 0.0 25.2 37.8#

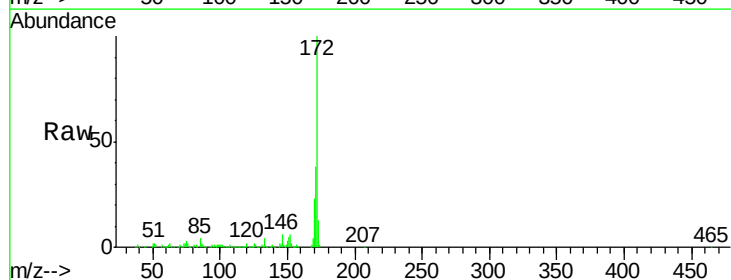


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

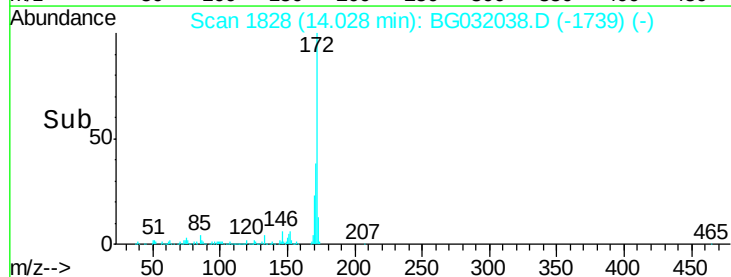
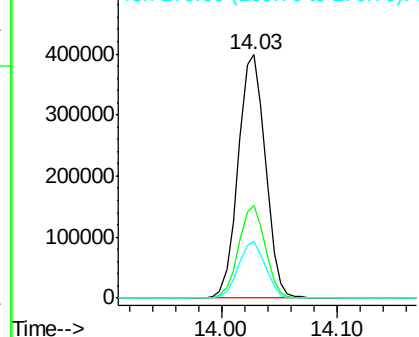


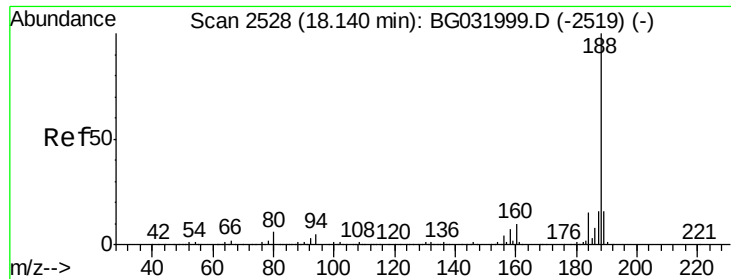
#44
 2-Fluorobiphenyl
 Concen: 77.531 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032038.D
 Acq: 15 Jan 2018 18:52

Tgt Ion:172 Resp: 648606
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 23.2 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

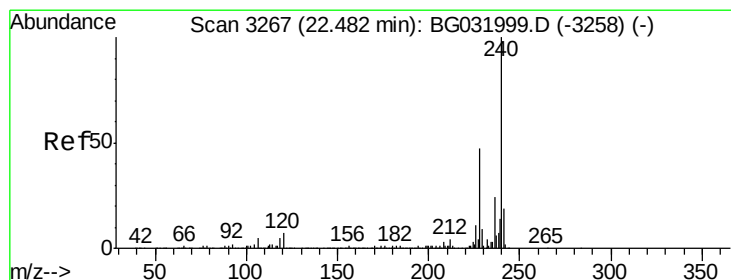
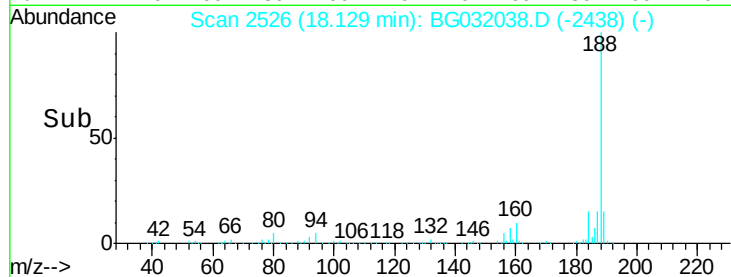
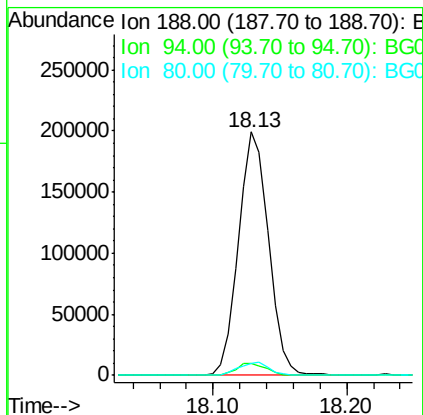
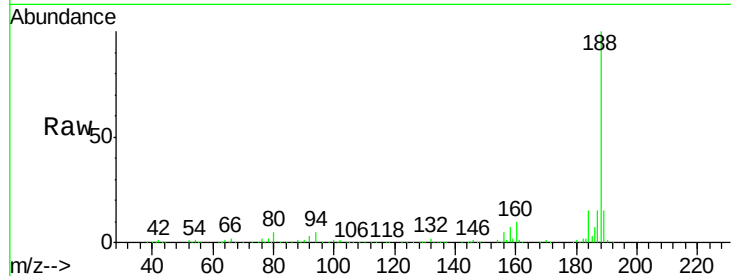




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032038.D
Acq: 15 Jan 2018 18:52

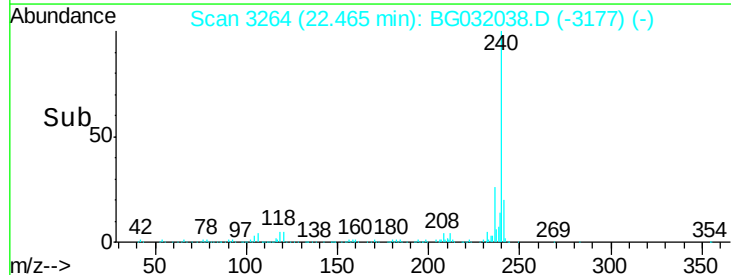
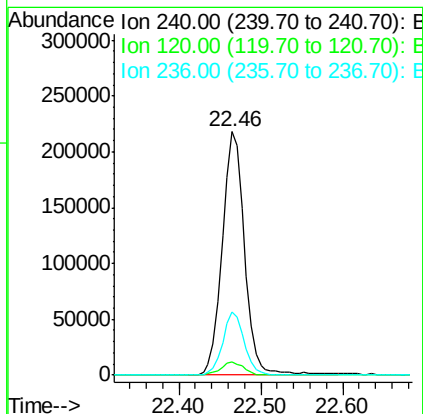
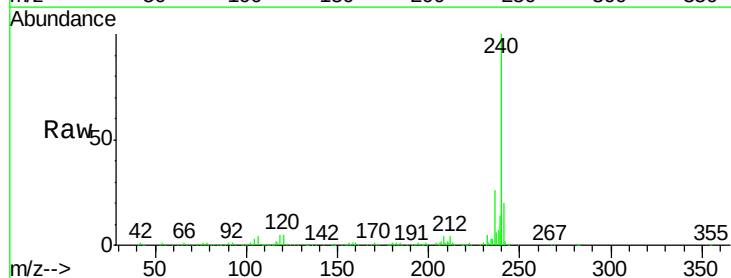
Instrument :
BNA_G
ClientSampleId :
PB105635BL

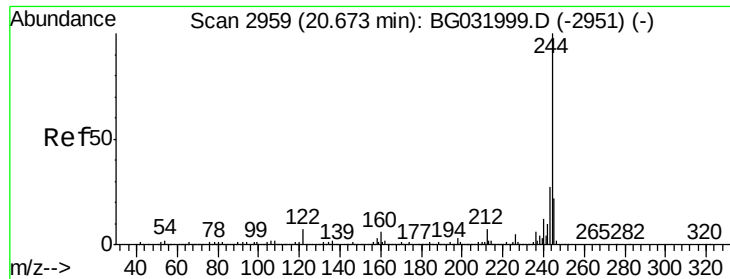
Tgt Ion:188 Resp: 310165
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 4.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032038.D
Acq: 15 Jan 2018 18:52

Tgt Ion:240 Resp: 414843
Ion Ratio Lower Upper
240 100
120 5.3 6.8 10.2#
236 26.0 20.9 31.3





#78

Terphenyl-d14

Concen: 81.505 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032038.D

Acq: 15 Jan 2018 18:52

Instrument :

BNA_G

ClientSampleId :

PB105635BL

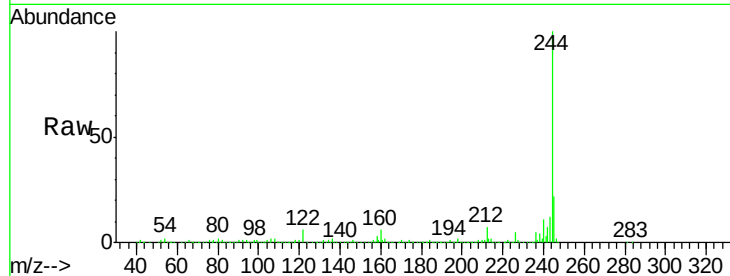
Tgt Ion:244 Resp: 1531293

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

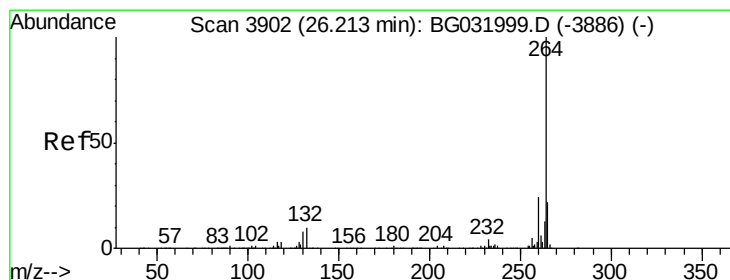
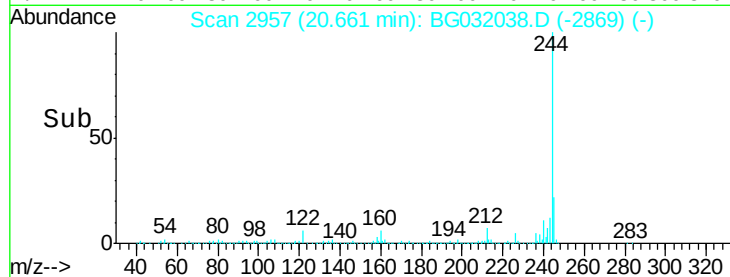
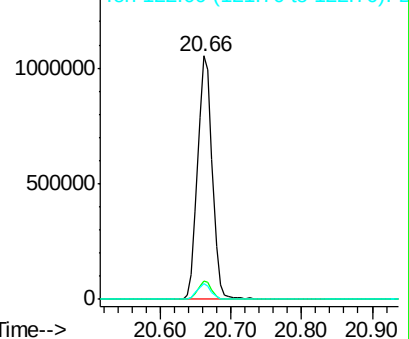
122 6.4 7.0 10.4#



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: BG032038.D

Acq: 15 Jan 2018 18:52

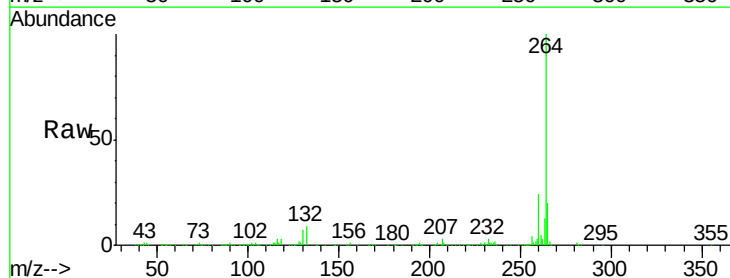
Tgt Ion:264 Resp: 426762

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 19.9 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

