

Data Path : U:\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 :

Quant Time: Jan 16 10:24:03 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

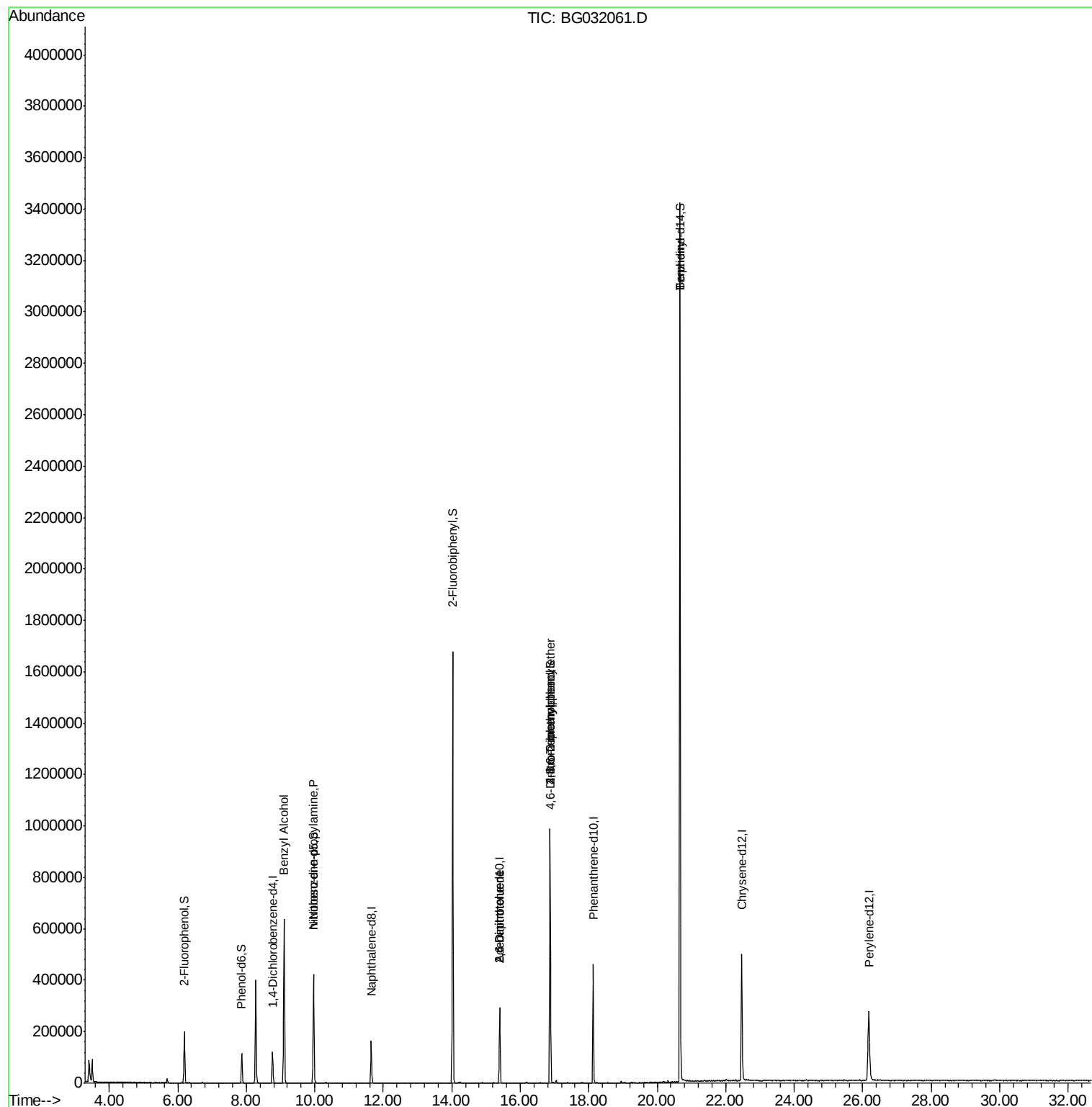
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	41689	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	161037	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	113160	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	312748	20.00	ng	-0.01
75) Chrysene-d12	22.46	240	384906	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						
15) Benzyl Alcohol	9.10	79	4931	2.364	ng	# 47
19) n-Nitroso-di-n-propylamine	9.96	70	37859	21.255	ng	# 74
50) 2,6-Dinitrotoluene	15.40	165	15027	7.311	ng	# 18
56) 2,4-Dinitrotoluene	15.40	165	15027	5.430	ng	# 16
64) 4,6-Dinitro-2-methylphenol	16.86	198	498	5.108	ng	# 50
66) 4-Bromophenyl-phenylether	16.87	248	18644	4.190	ng	# 1
76) Benizidine	20.66	184	25638	2.664	ng	# 90

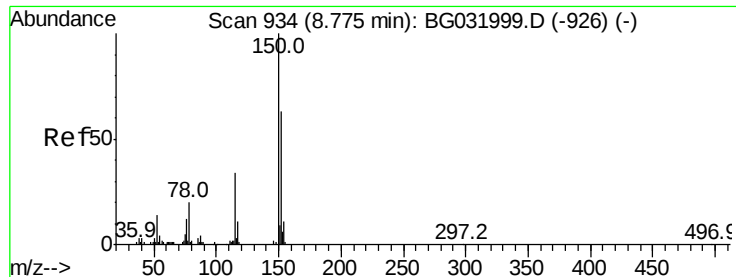
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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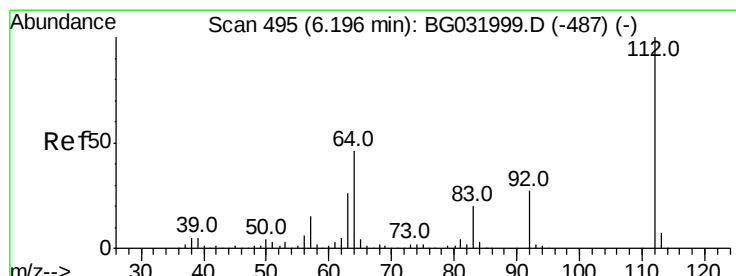
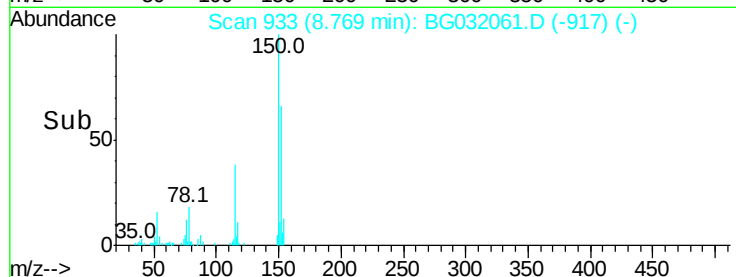
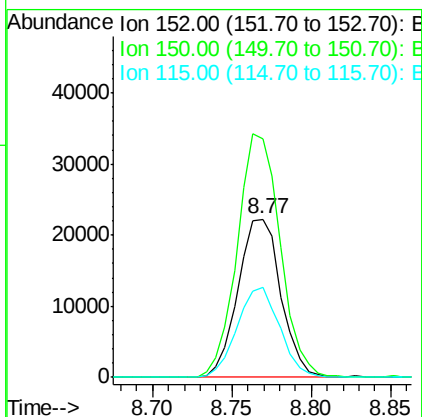
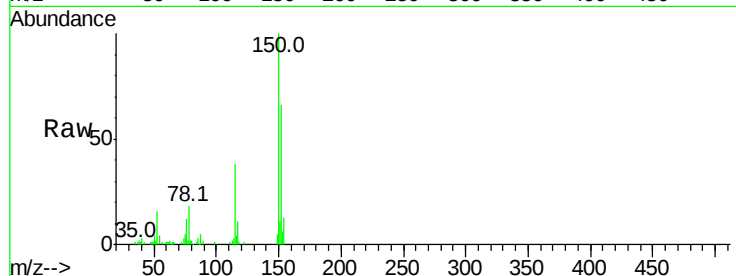


#1

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
ClientSampled :

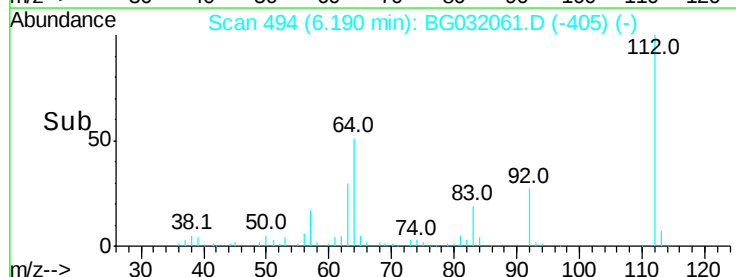
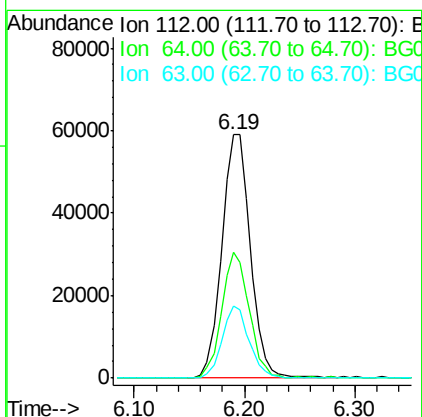
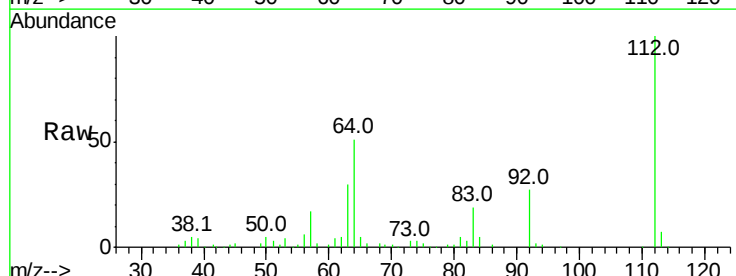
Tot Ion:152 Resp: 41689
Ion Ratio Lower Upper
152 100
150 151.0 126.6 189.8
115 56.7 53.0 79.4

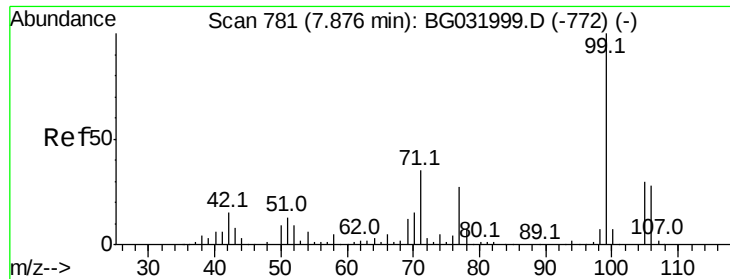


#5

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

ClientSampled :

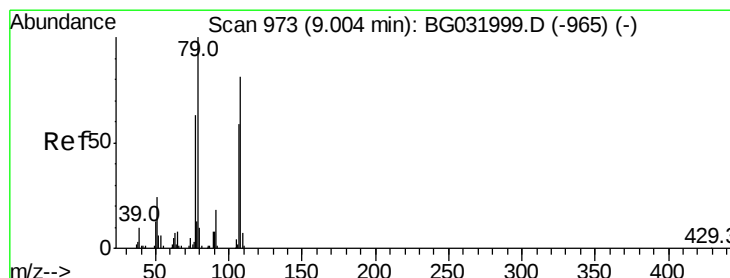
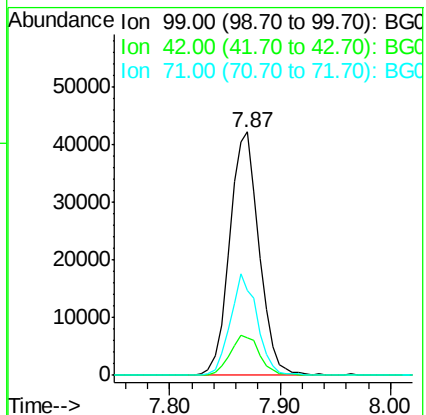
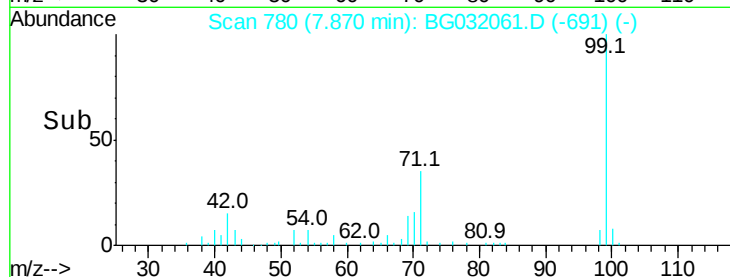
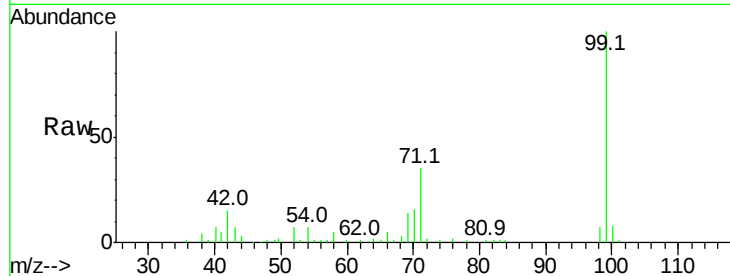
Tot Ion: 99 Resp: 79006

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 34.9 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.364 ng

RT: 9.10 min Scan# 990

Delta R.T. 0.10 min

Lab File: BG032061.D

Acq: 16 Jan 2018 9:50

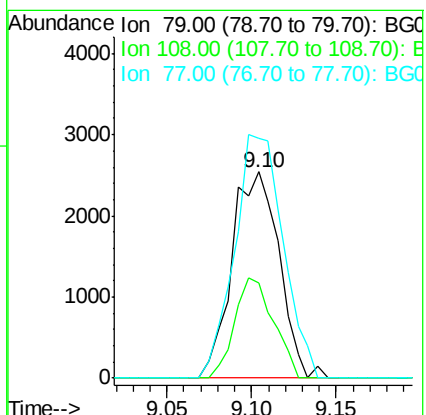
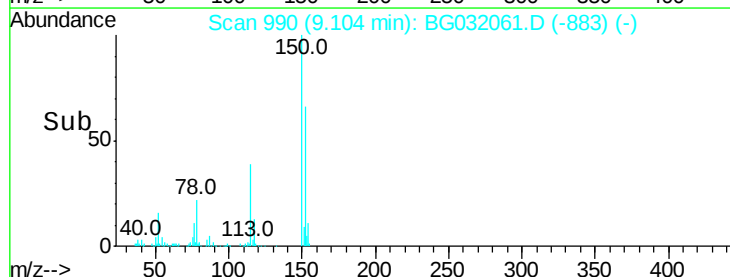
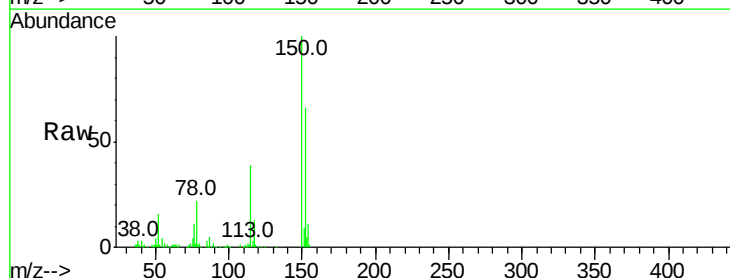
Tgt Ion: 79 Resp: 4931

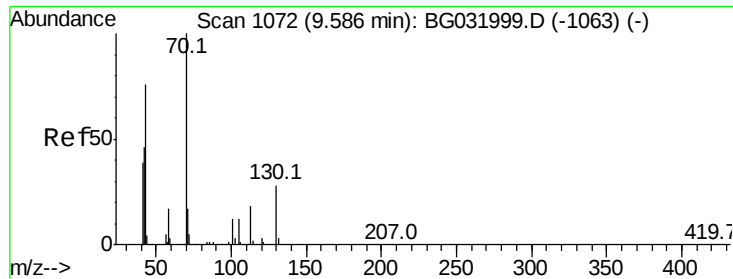
Ion Ratio Lower Upper

79 100

108 45.8 57.2 85.8#

77 116.3 46.1 69.1#

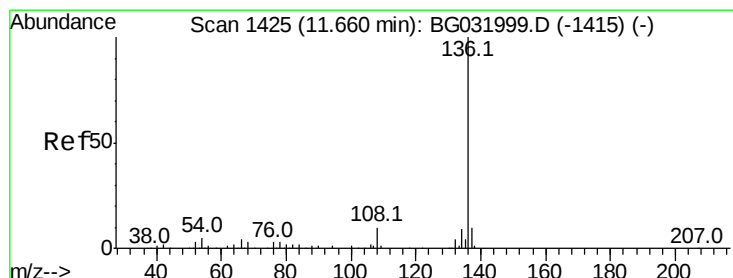
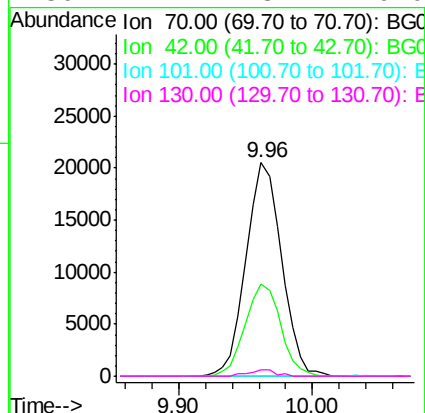
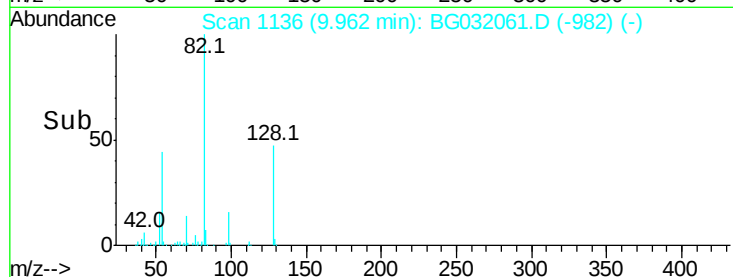
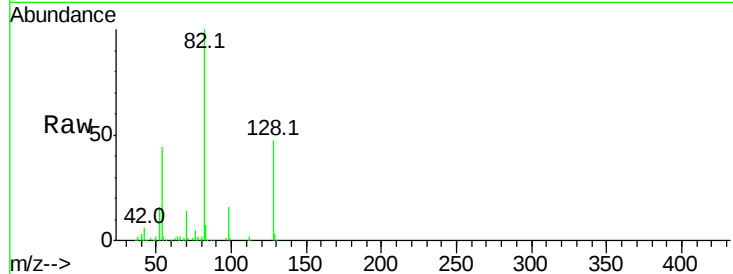




#19
n-Nitroso-di-n-propylamine
Concen: 21.255 ng
RT: 9.96 min Scan# 1136
Delta R.T. 0.38 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

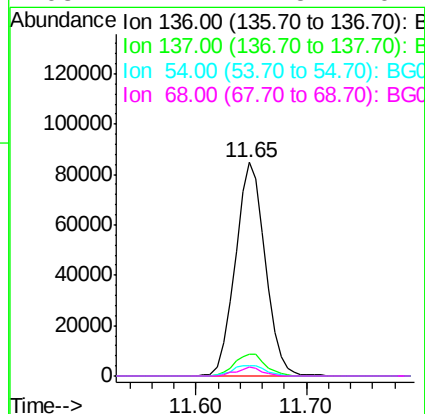
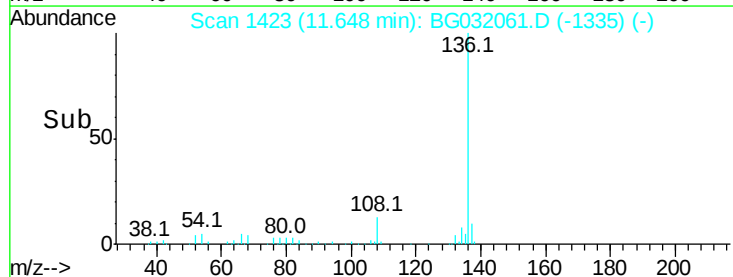
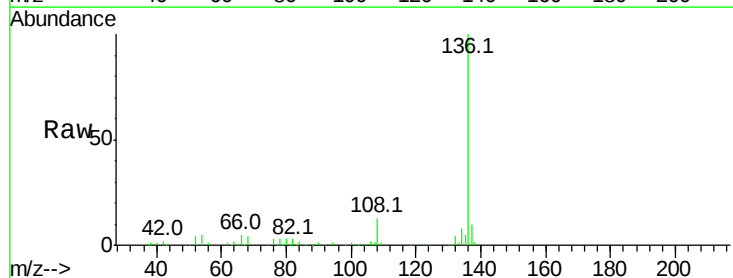
Instrument :
BNA_G
ClientSampleId :

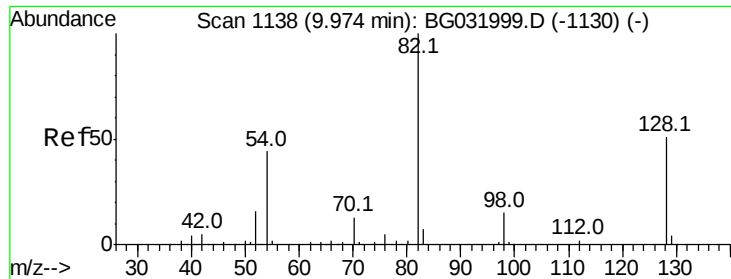
Tot Ion: 70 Resp: 37859
Ion Ratio Lower Upper
70 100
42 43.4 49.1 73.7#
101 0.0 8.5 12.7#
130 2.7 13.4 20.0#



#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#

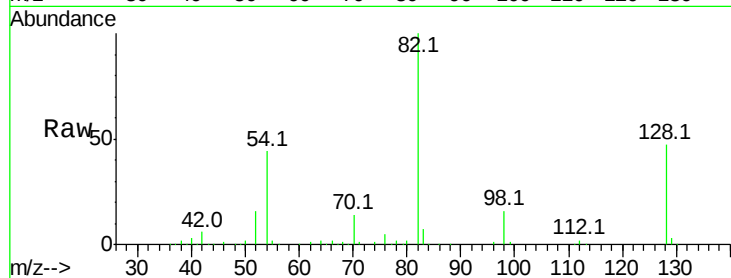




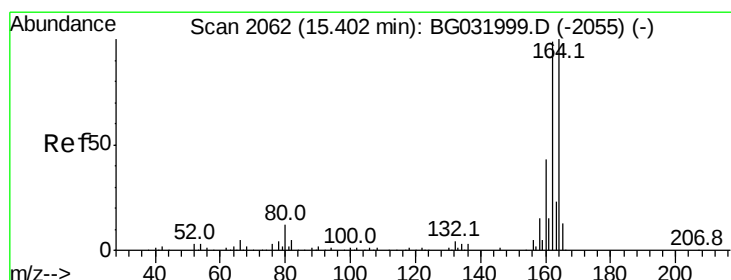
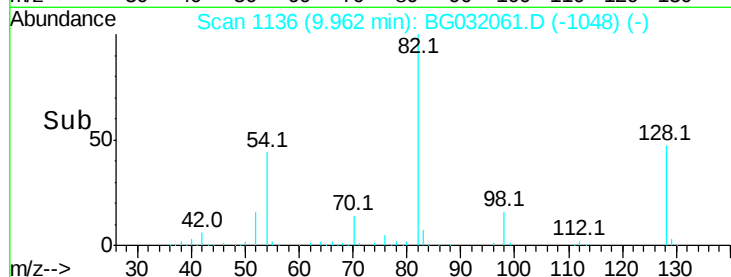
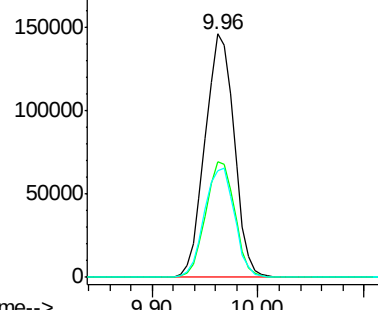
#23
Nitrobenzene-d5
Concen: 117.436 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

Instrument :
BNA_G
ClientSampleId :

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

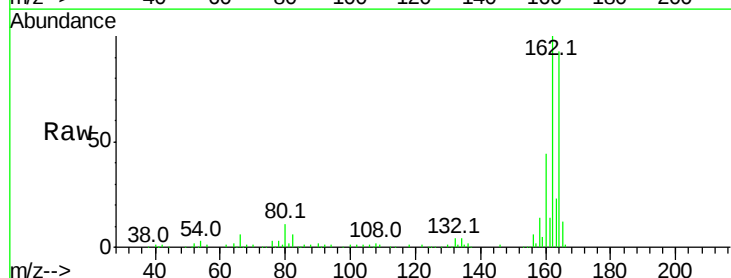


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

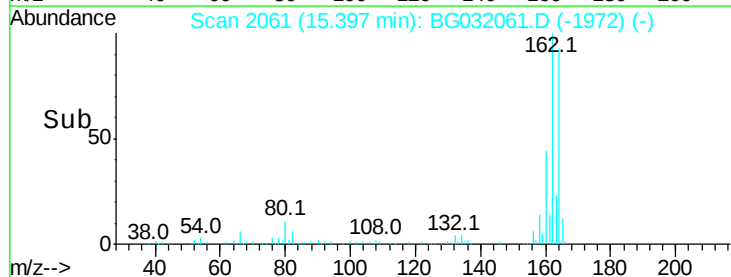
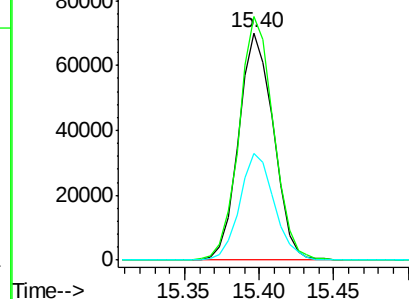


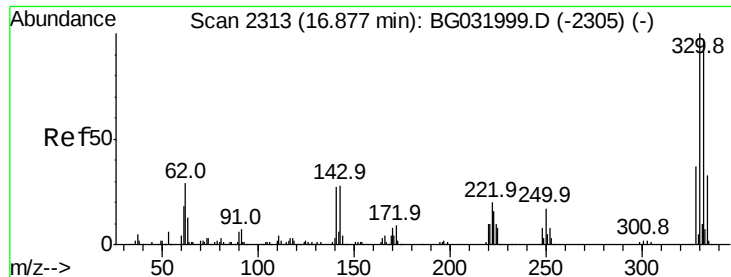
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

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

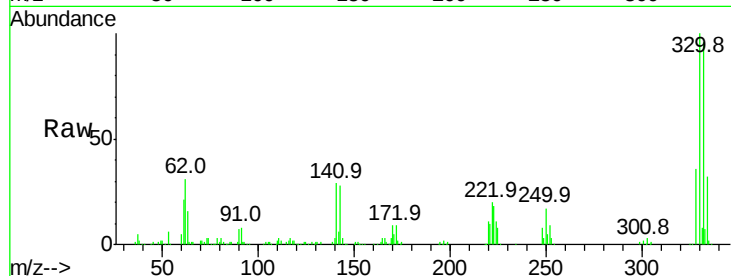




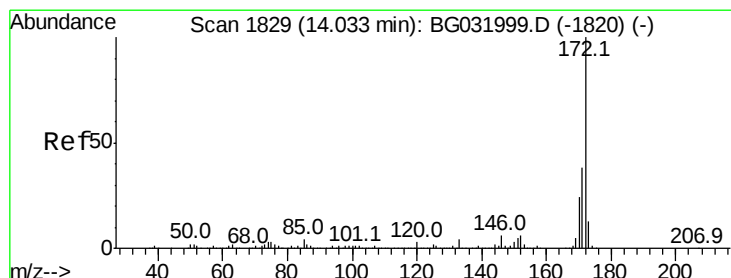
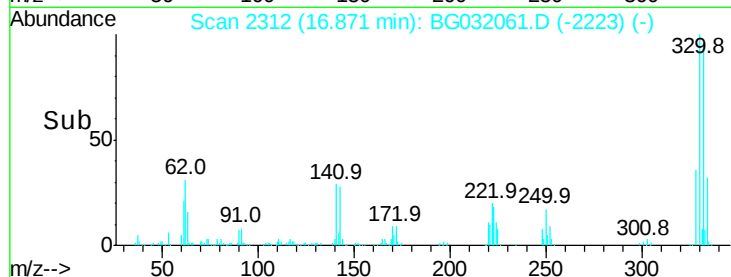
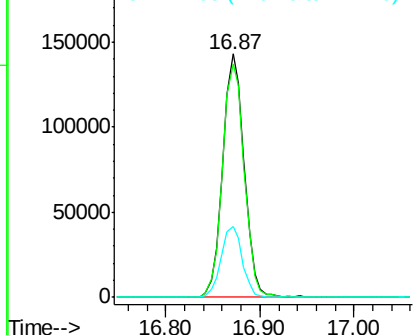
#41
 2,4,6-Tribromophenol
 Concen: 121.409 ng
 RT: 16.87 min Scan# 2312
 Delta R.T. -0.01 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	29.2	25.2	37.8

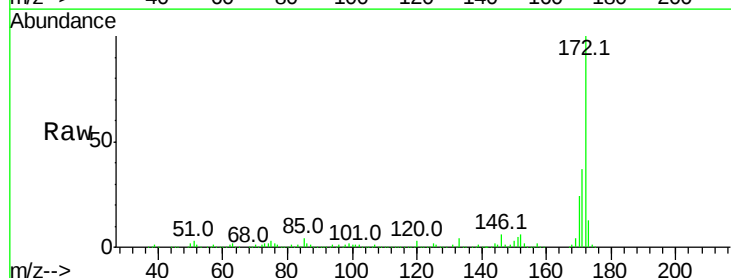


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

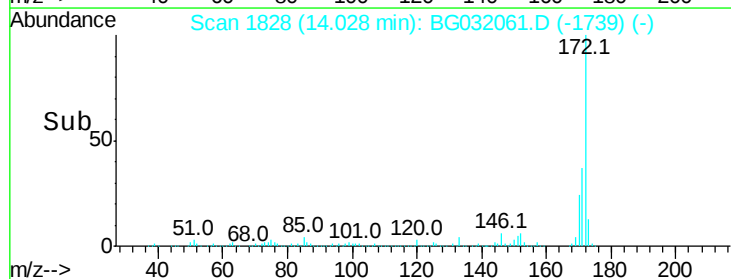
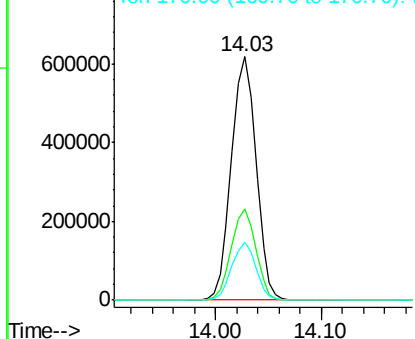


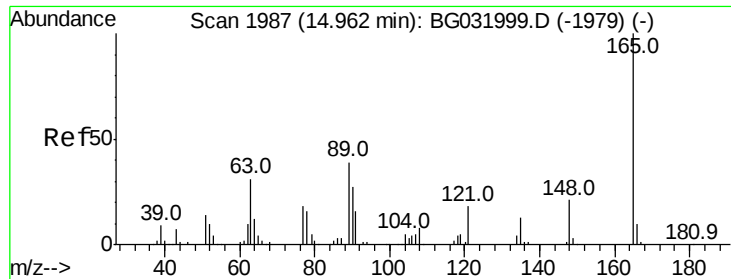
#44
 2-Fluorobiphenyl
 Concen: 109.827 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

Tgt Ion	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

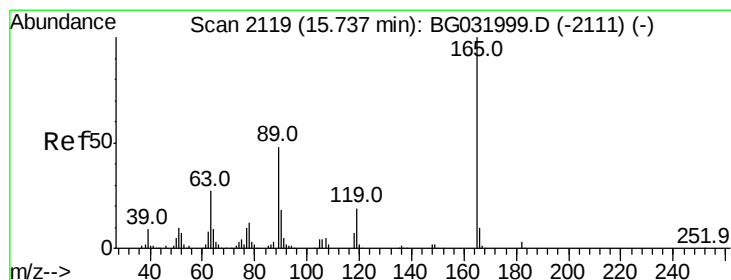
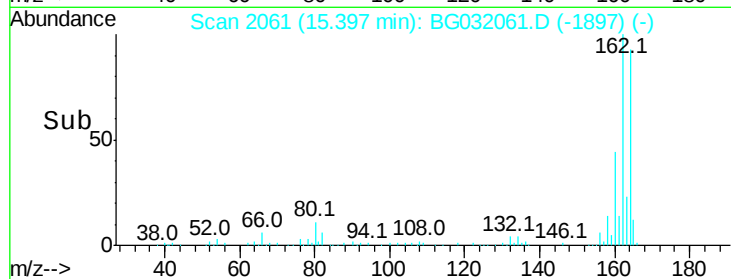
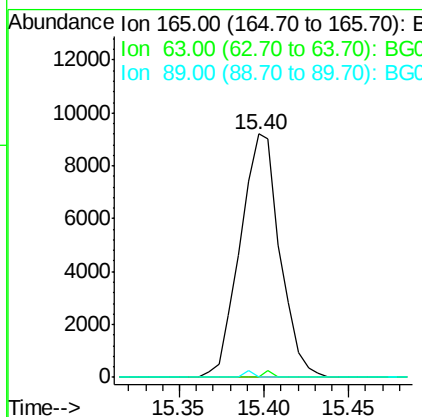
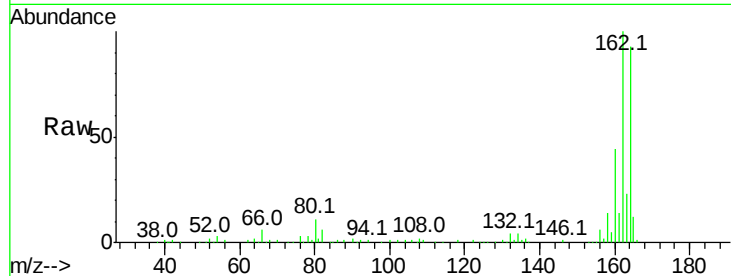




#50
 2,6-Dinitrotoluene
 Concen: 7.311 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. 0.43 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

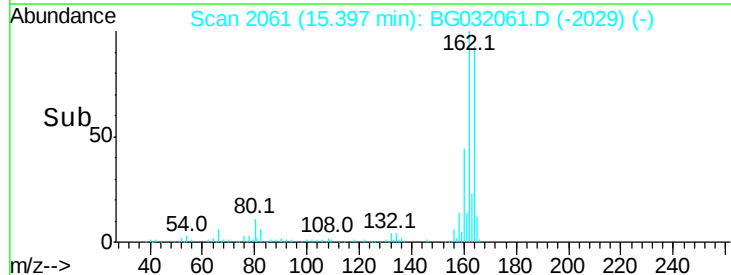
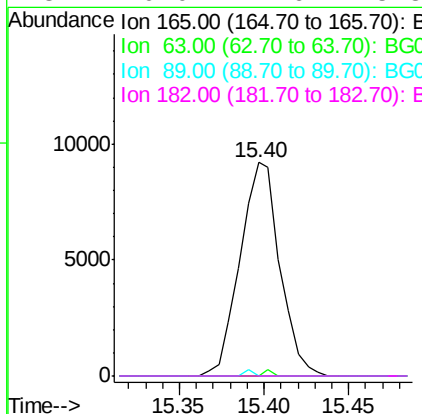
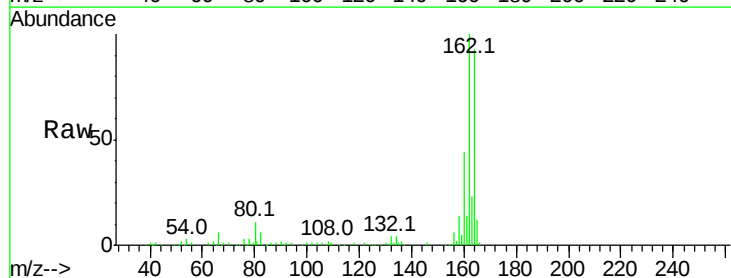
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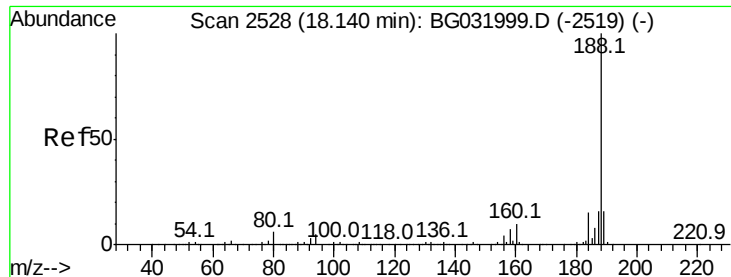
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.430 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.34 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

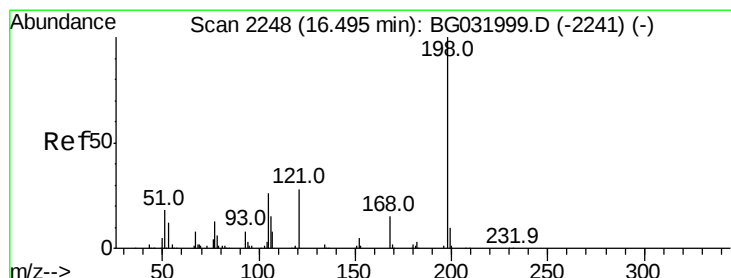
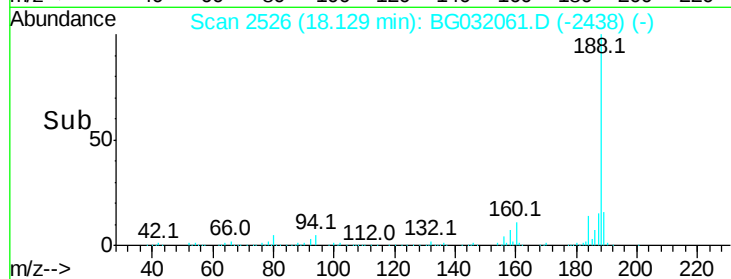
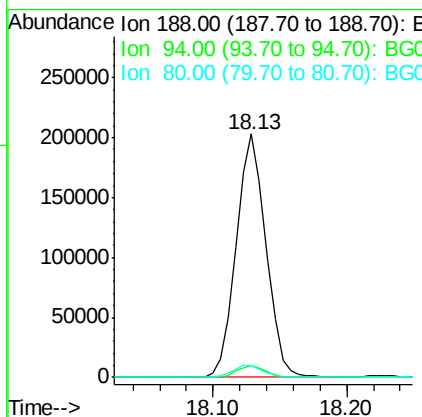
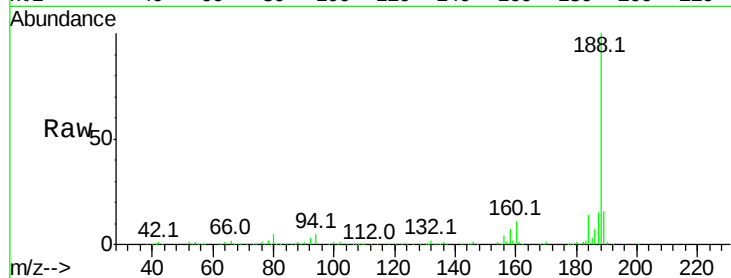




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

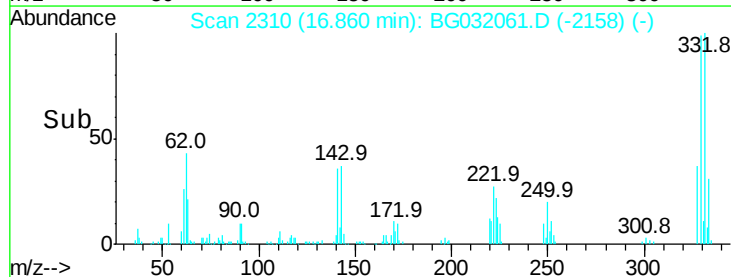
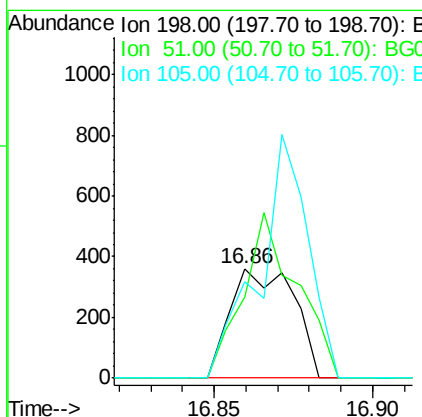
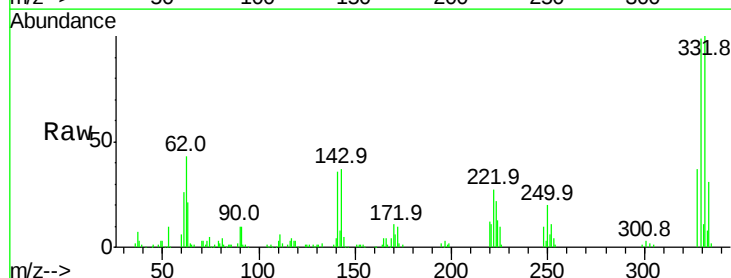
Instrument :
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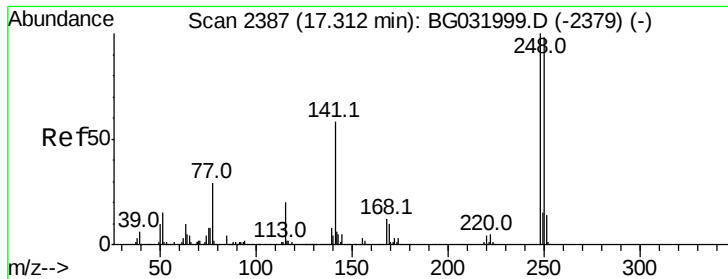
Tot Ion:188 Resp: 312748
 Ion Ratio Lower Upper
 188 100
 94 4.7 6.9 10.3#
 80 5.0 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.108 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. 0.36 min
 Lab File: BG032061.D
 Acq: 16 Jan 2018 9:50

Tgt Ion:198 Resp: 498
 Ion Ratio Lower Upper
 198 100
 51 74.4 30.6 70.6#
 105 88.1 23.8 63.8#

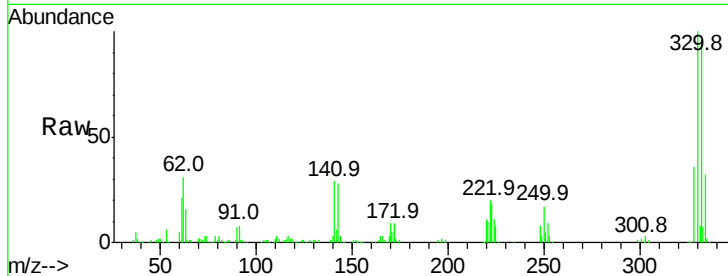




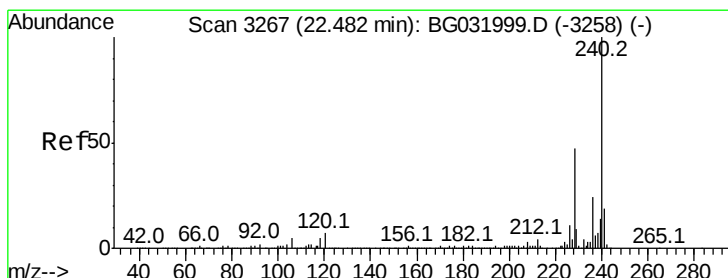
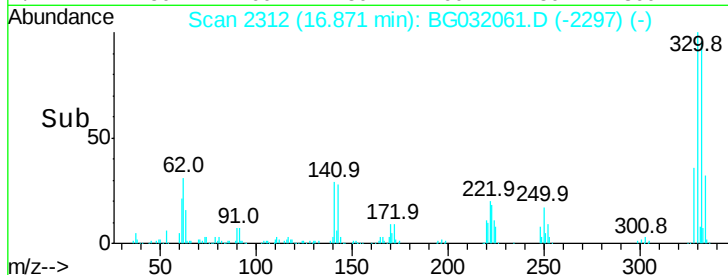
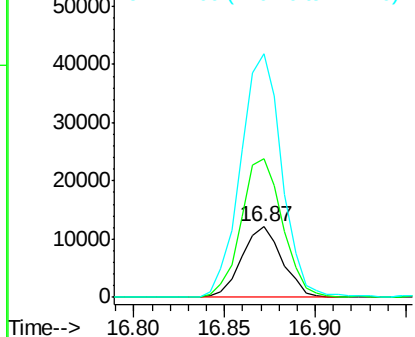
#66
4-Bromophenyl-phenylether
Concen: 4.190 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.44 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 18644
Ion Ratio Lower Upper
248 100
250 196.8 77.1 115.7#
141 345.7 50.8 76.2#

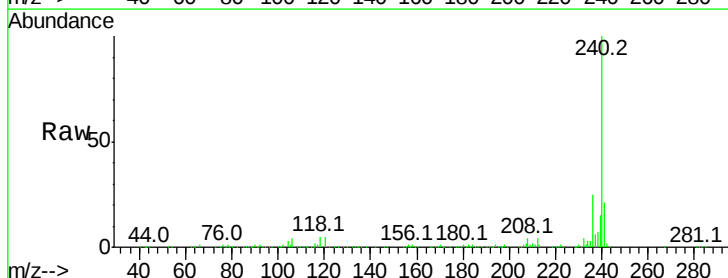


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

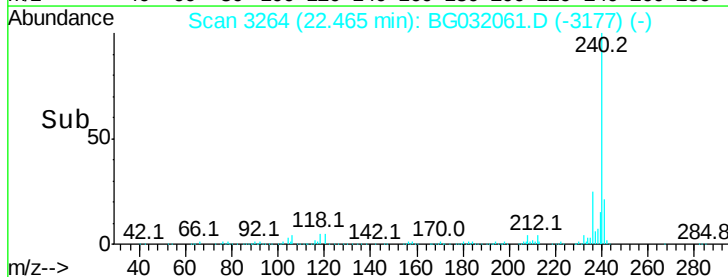
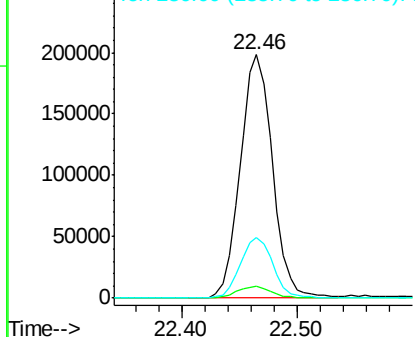


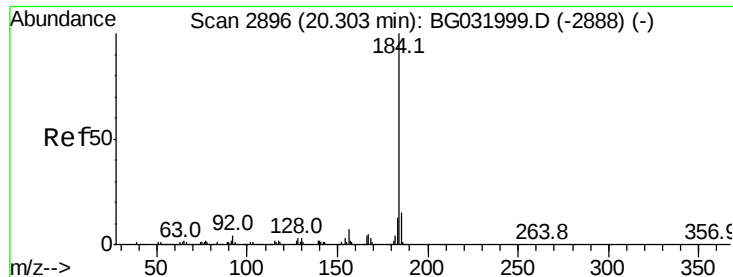
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.46 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032061.D
Acq: 16 Jan 2018 9:50

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



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 2.664 ng

RT: 20.66 min Scan# 2957

Delta R.T. 0.36 min

Lab File: BG032061.D

Acq: 16 Jan 2018 9:50

Instrument :

BNA_G

ClientSampleId :

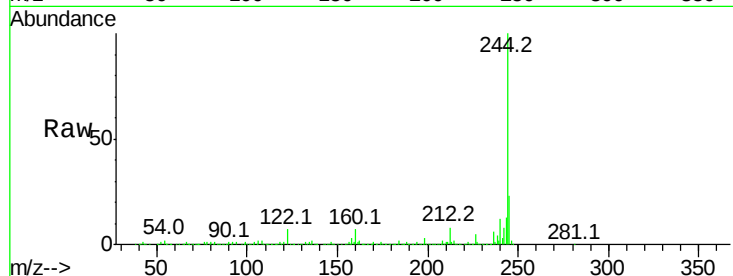
Tot Ion:184 Resp: 25638

Ion Ratio Lower Upper

184 100

185 17.9 11.1 16.7#

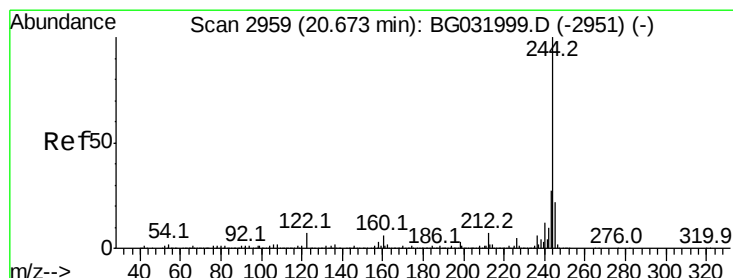
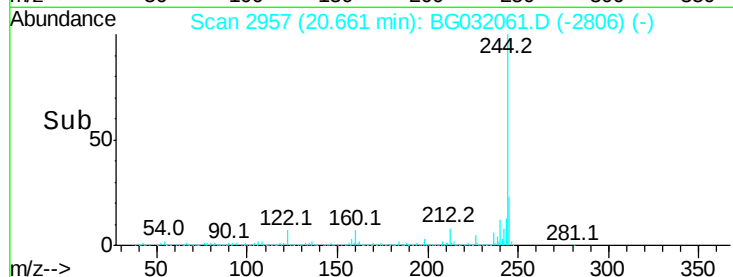
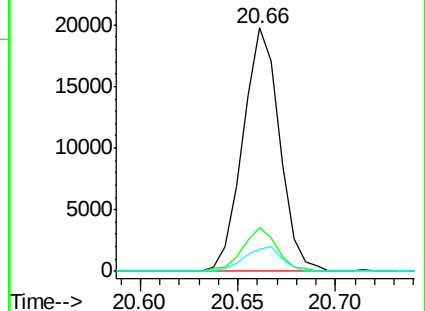
183 9.3 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#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

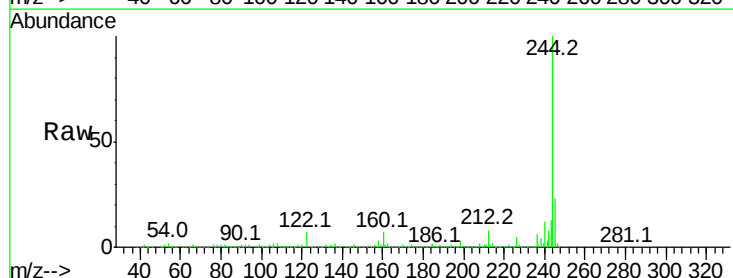
Tgt Ion:244 Resp: 1827510

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

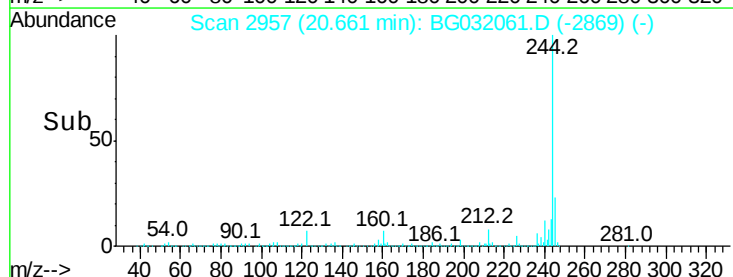
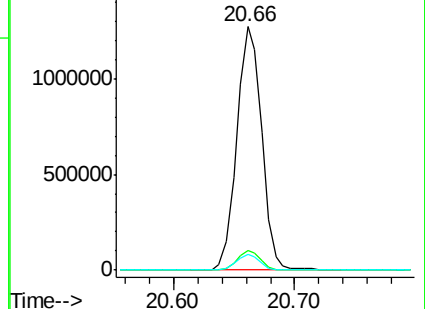
122 6.7 7.0 10.4#

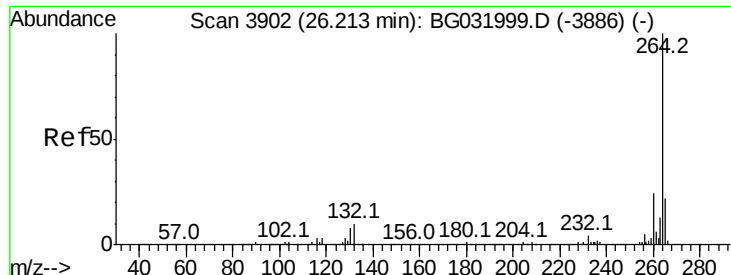


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.3	17.7	26.5

