

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033105.D
 Acq On : 13 Mar 2018 1:36
 Operator : SJ/JU
 Sample : J1867-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 03:49:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

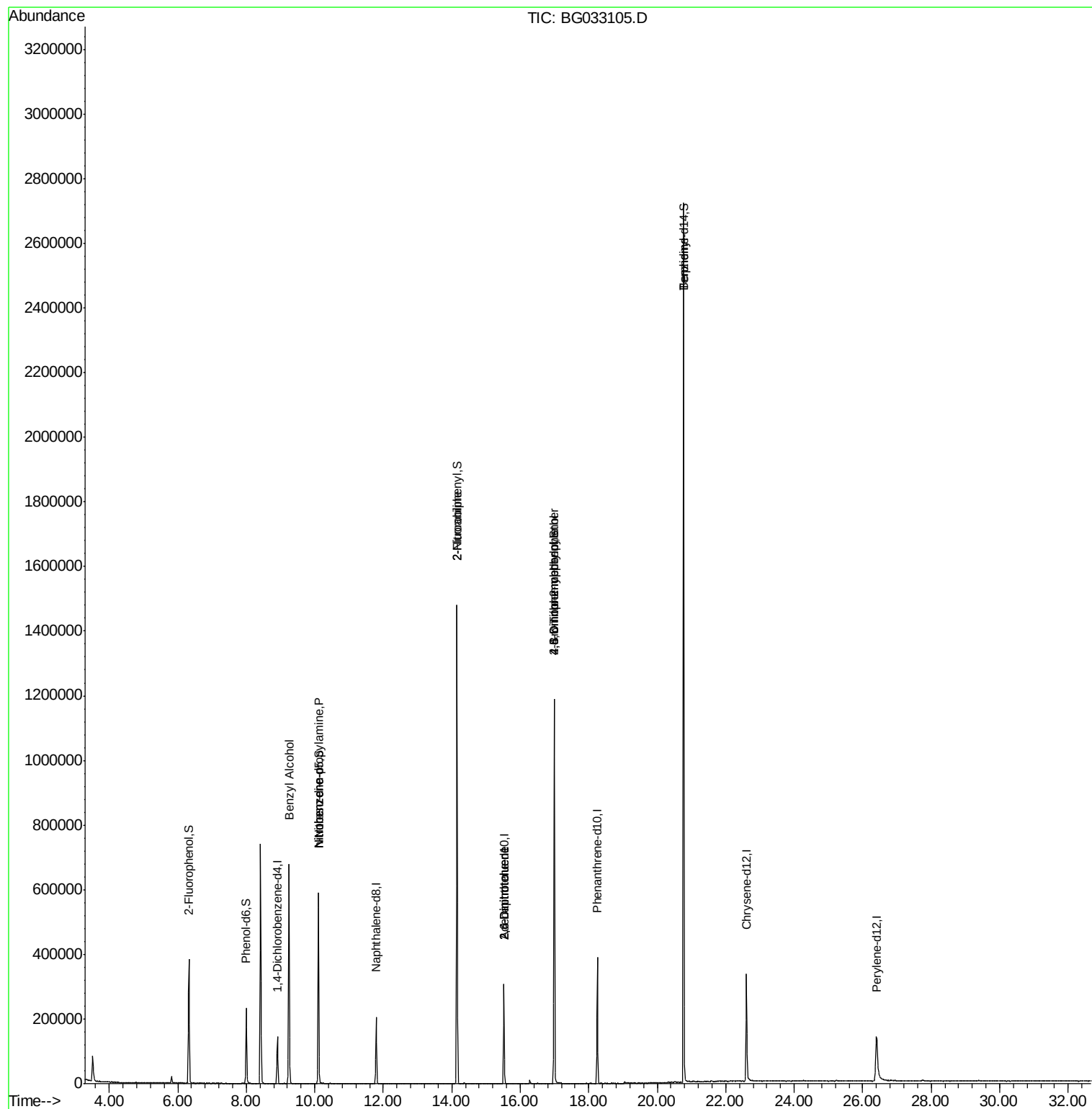
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	40367	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	179139	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	102556	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	238918	20.00	ng	0.00
75) Chrysene-d12	22.60	240	237065	20.00	ng	0.00
86) Perylene-d12	26.41	264	223194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	176575	69.98	ng	0.00
7) Phenol-d6	8.00	99	142467	40.51	ng	0.00
23) Nitrobenzene-d5	10.11	82	365123	134.86	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	213514	198.00	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	782008	109.97	ng	0.00
78) Terphenyl-d14	20.77	244	1240914	117.60	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.24	79	5958	2.304	ng	# 47
19) n-Nitroso-di-n-propylamine	10.11	70	48515	19.540	ng	# 80
24) Nitrobenzene	10.11	77	1163	6.733	ng	# 43
47) 2-Nitroaniline	14.15	65	1446	10.517	ng	# 6
50) 2,6-Dinitrotoluene	15.52	165	13398	16.471	ng	# 22
56) 2,4-Dinitrotoluene	15.52	165	13398	14.669	ng	# 20
64) 4,6-Dinitro-2-methylphenol	16.99	198	427	5.708	ng	# 1
66) 4-Bromophenyl-phenylether	16.99	248	14265	5.647	ng	# 1
76) Benzidine	20.77	184	21549	2.667	ng	# 92

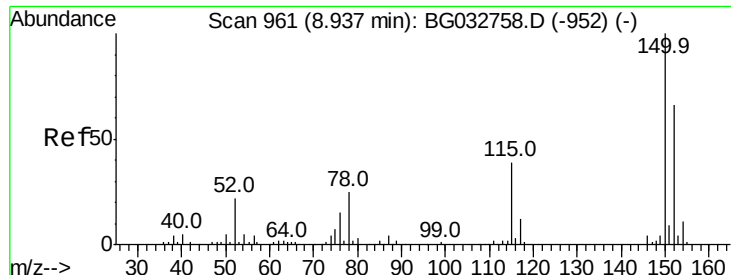
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
Data File : BG033105.D
Acq On : 13 Mar 2018 1:36
Operator : SJ/JU
Sample : J1867-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 13 03:49:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



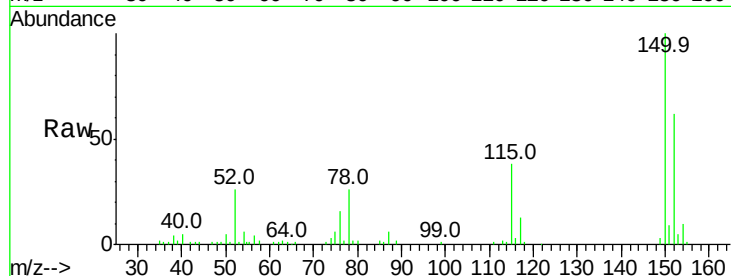


#1

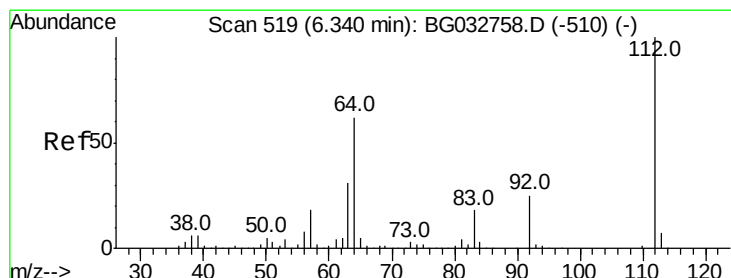
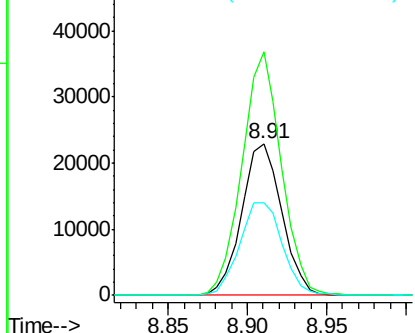
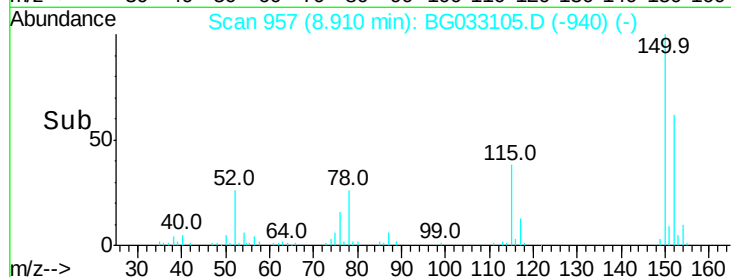
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 40367
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 61.1 53.0 79.4



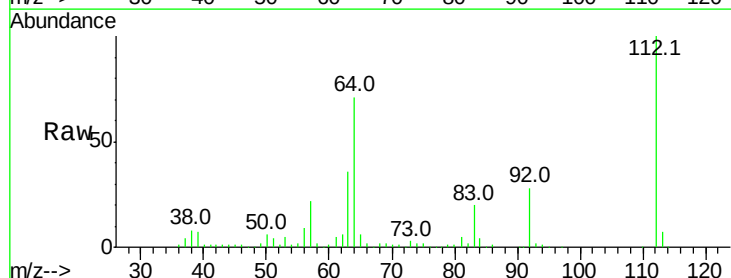
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



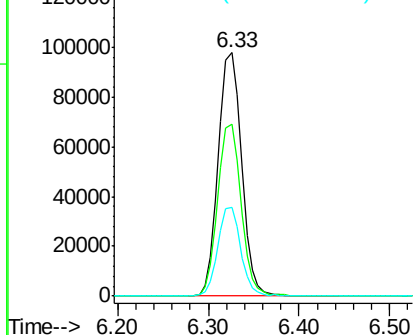
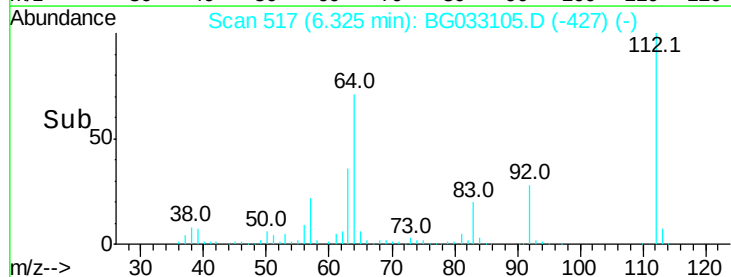
#5

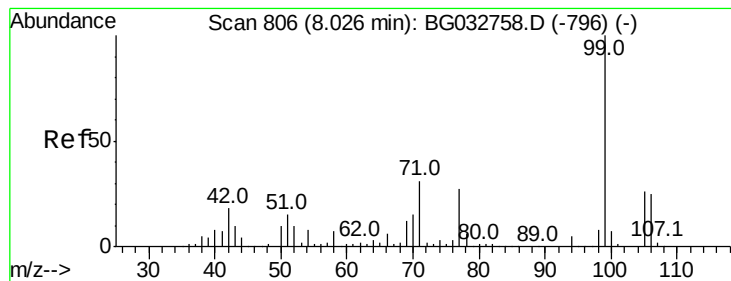
2-Fluorophenol
Concen: 69.982 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Tgt Ion:112 Resp: 176575
Ion Ratio Lower Upper
112 100
64 70.9 56.3 84.5
63 36.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.509 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033105.D

Acq: 13 Mar 2018 1:36

Instrument :

BNA_G

ClientSampled :

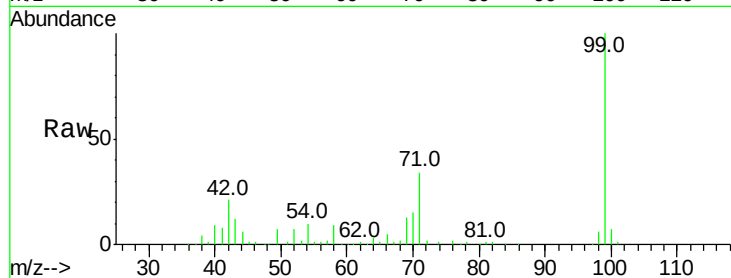
Tot Ion: 99 Resp: 142467

Ion Ratio Lower Upper

99 100

42 21.3 14.1 21.1#

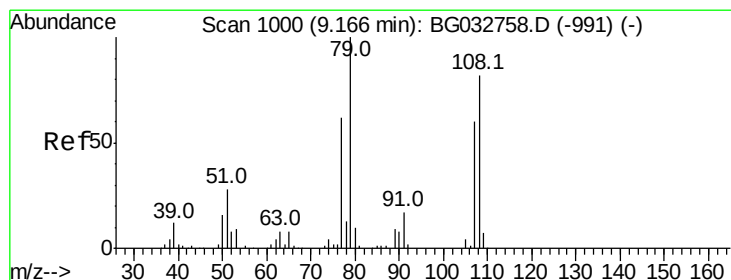
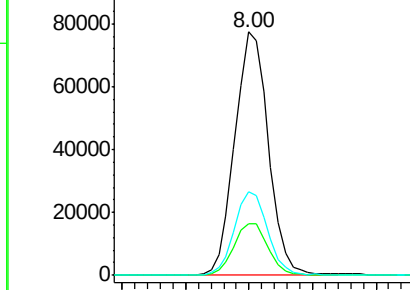
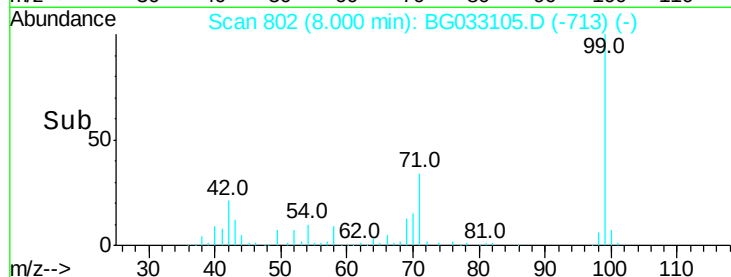
71 34.4 26.1 39.1



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



#15

Benzyl Alcohol

Concen: 2.304 ng

RT: 9.24 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BG033105.D

Acq: 13 Mar 2018 1:36

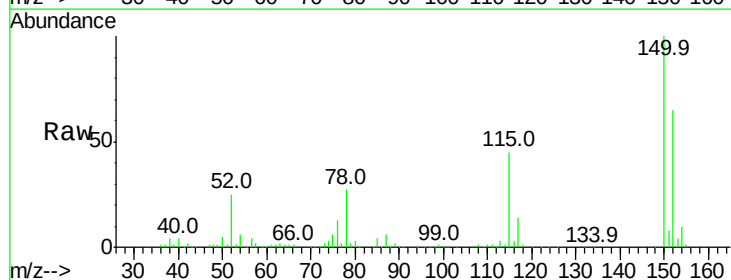
Tgt Ion: 79 Resp: 5958

Ion Ratio Lower Upper

79 100

108 38.0 57.2 85.8#

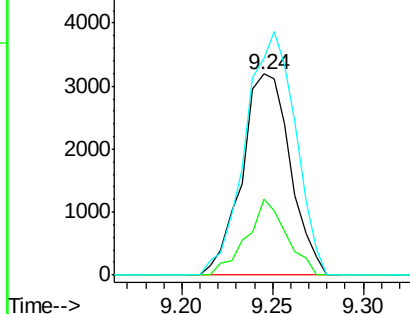
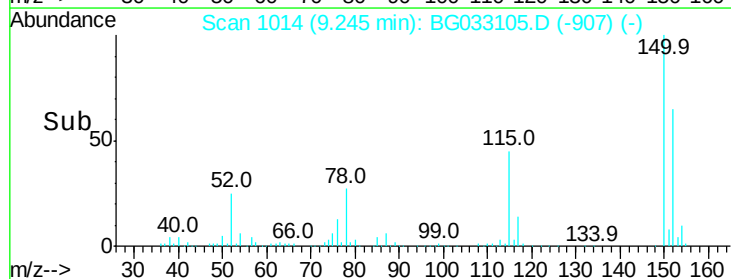
77 108.2 46.1 69.1#

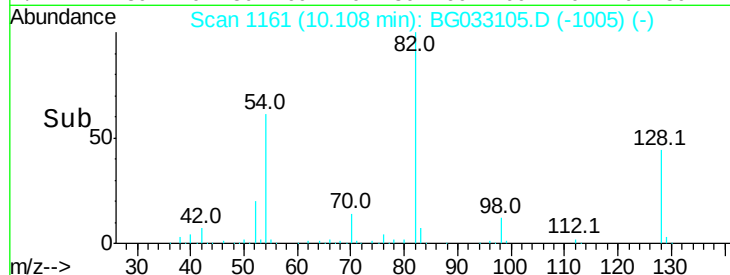
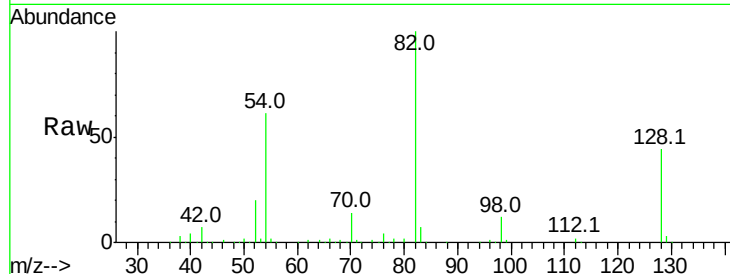
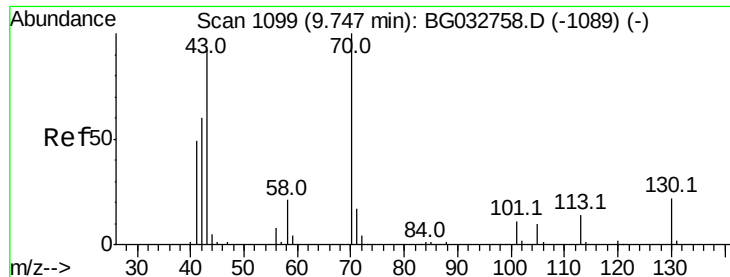


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

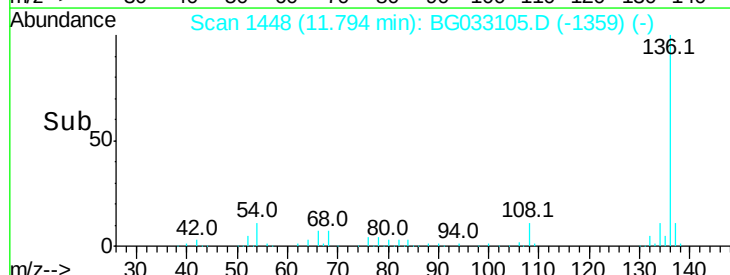
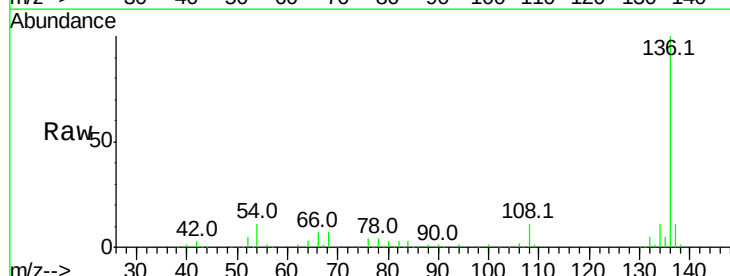
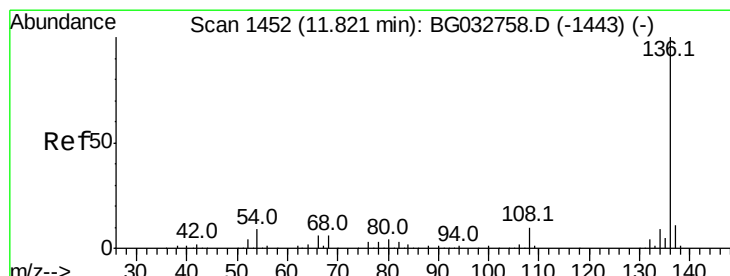
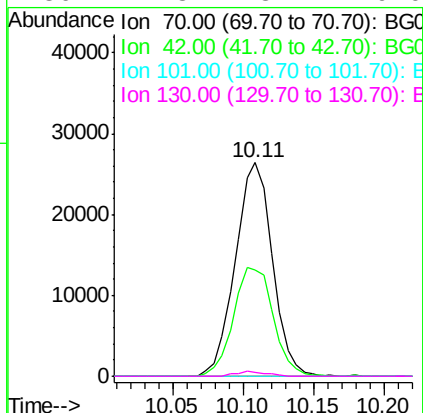




#19
n-Nitroso-di-n-propylamine
Concen: 19.540 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

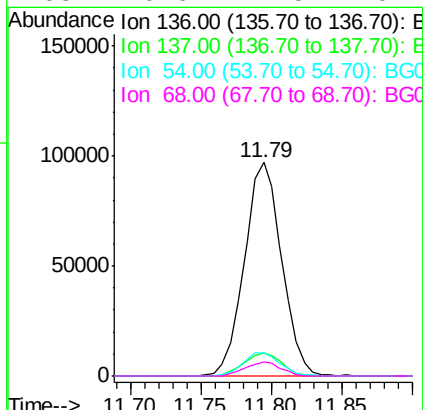
Instrument :
BNA_G
ClientSampleId :

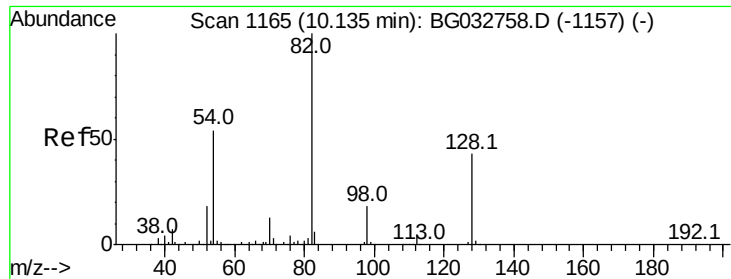
Tot Ion: 70 Resp: 48515
Ion Ratio Lower Upper
70 100
42 49.9 49.1 73.7
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.79 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Tgt Ion: 136 Resp: 179139
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 11.0 10.3 15.5
68 6.6 4.5 6.7

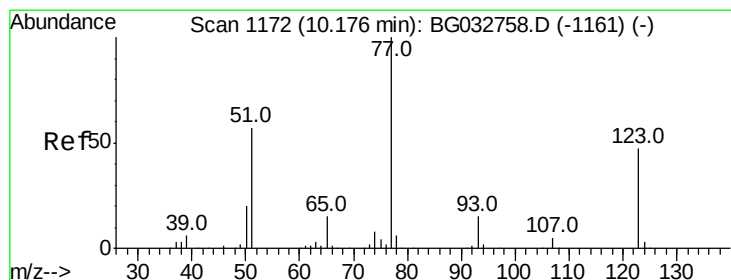
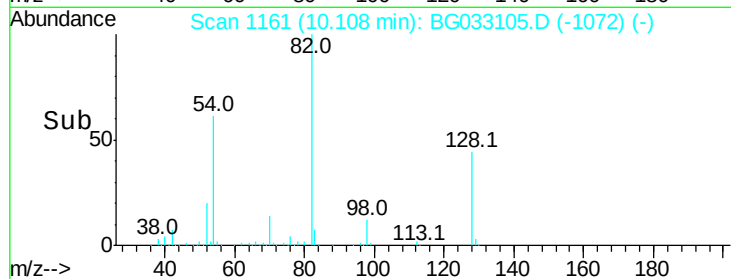
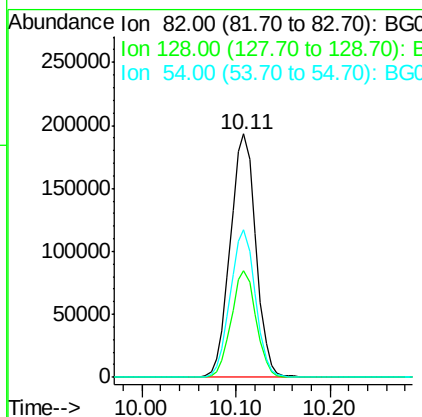
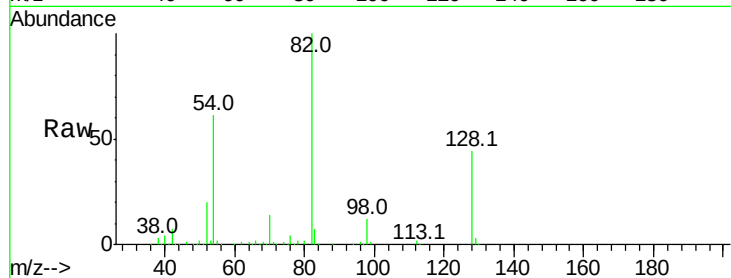




#23
 Nitrobenzene-d5
 Concen: 134.860 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG033105.D
 Acq: 13 Mar 2018 1:36

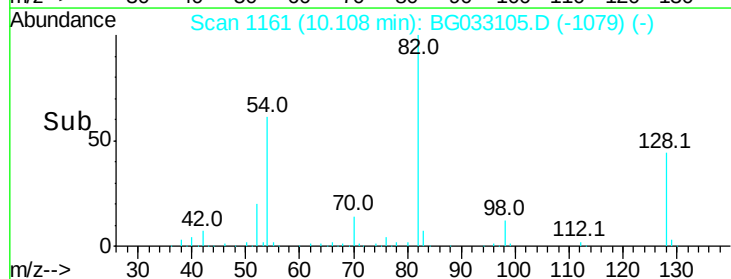
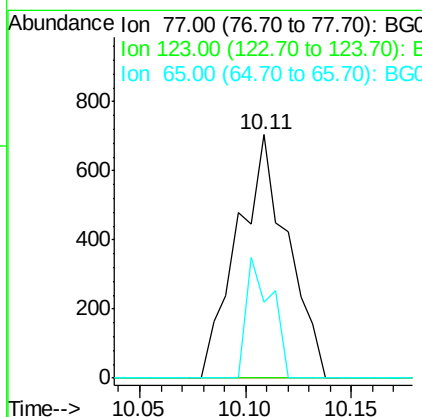
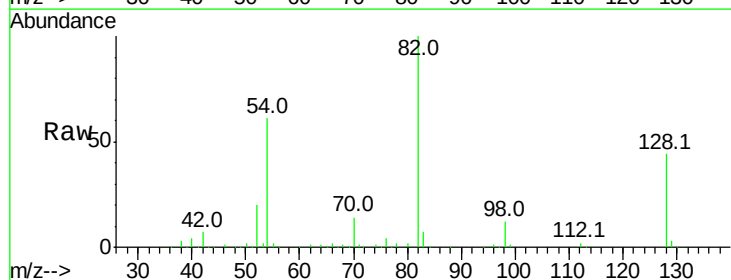
Instrument :
 BNA_G
 ClientSampled :

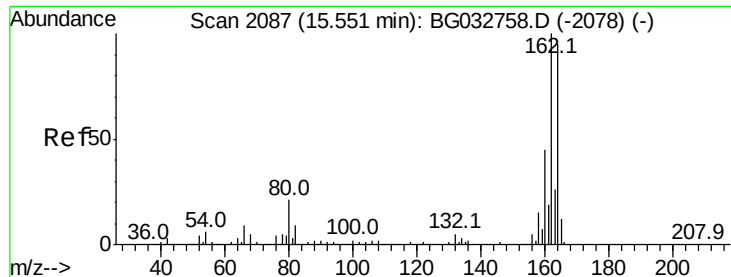
Tot Ion: 82 Resp: 365123
 Ion Ratio Lower Upper
 82 100
 128 43.9 29.7 44.5
 54 60.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 6.733 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.05 min
 Lab File: BG033105.D
 Acq: 13 Mar 2018 1:36

Tgt Ion: 77 Resp: 1163
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 31.1 13.0 19.6#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG033105.D

Acq: 13 Mar 2018 1:36

Instrument :

BNA_G

ClientSampleId :

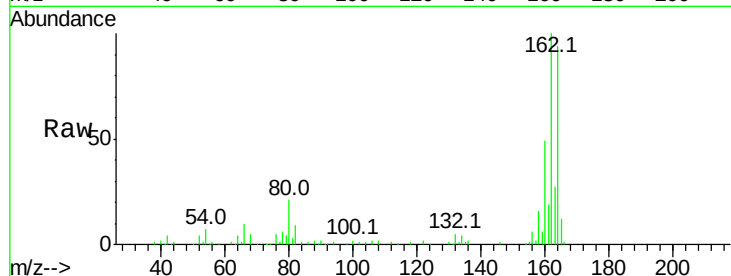
Tot Ion:164 Resp: 102556

Ion Ratio Lower Upper

164 100

162 106.4 78.8 118.2

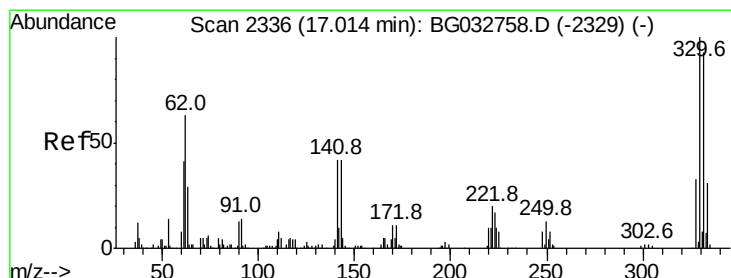
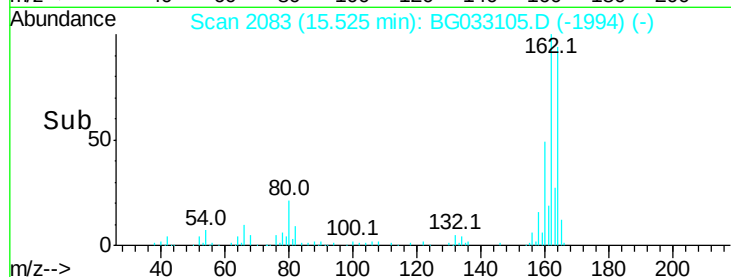
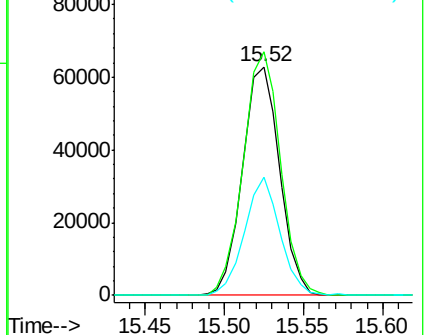
160 51.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 198.002 ng

RT: 16.99 min Scan# 2333

Delta R.T. -0.01 min

Lab File: BG033105.D

Acq: 13 Mar 2018 1:36

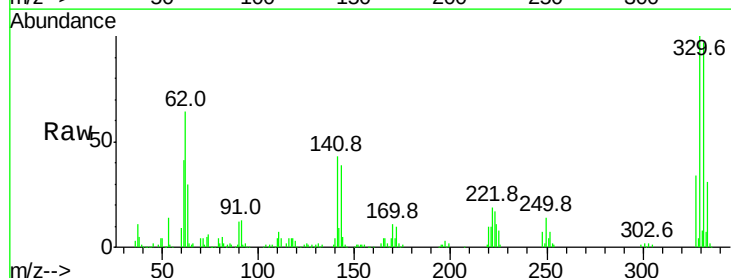
Tgt Ion:330 Resp: 213514

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

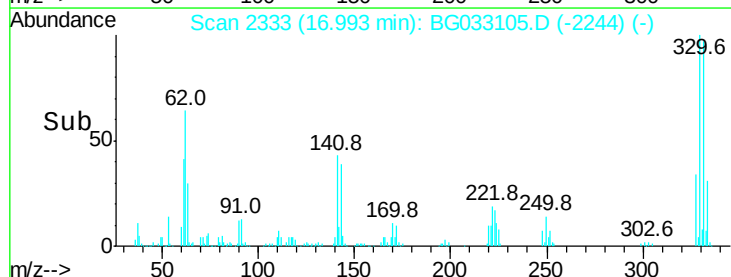
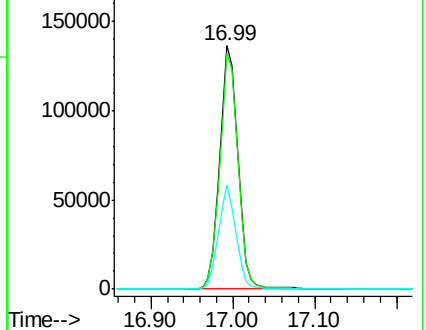
141 40.9 25.2 37.8#

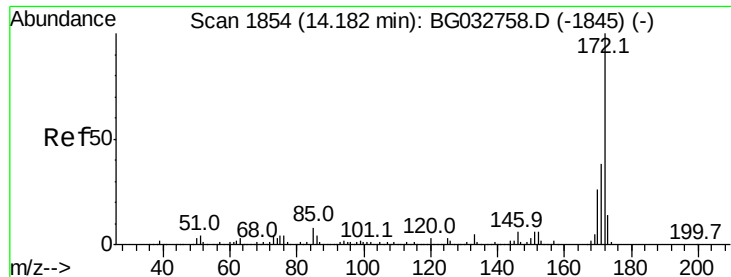


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

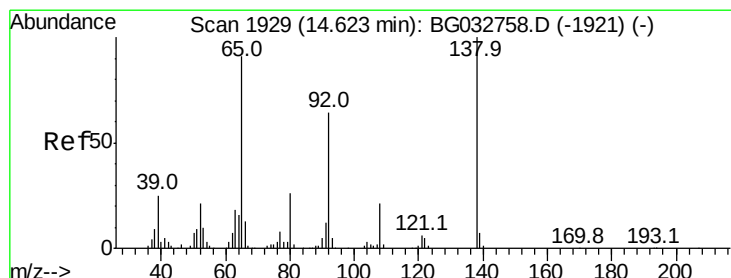
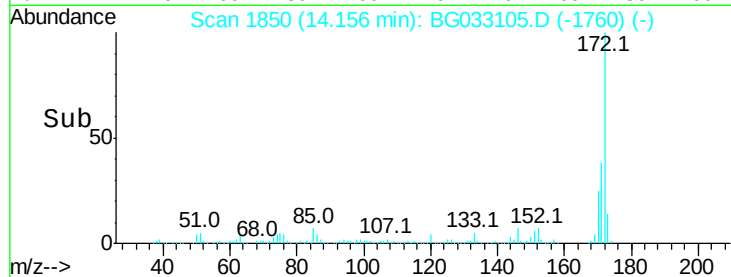
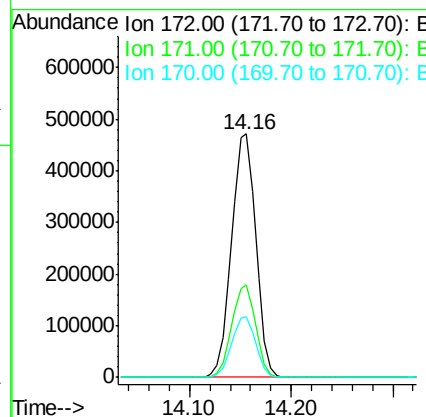
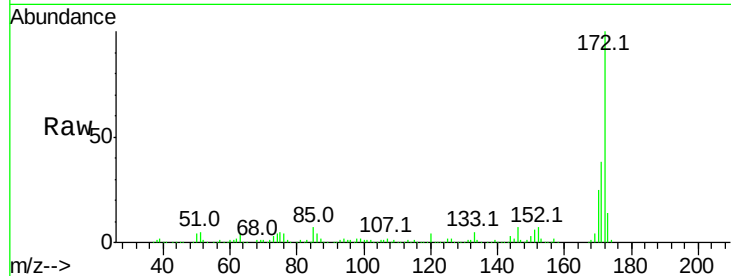




#44
2-Fluorobiphenyl
Concen: 109.974 ng
RT: 14.16 min Scan# 1850
Delta R.T. 0.00 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

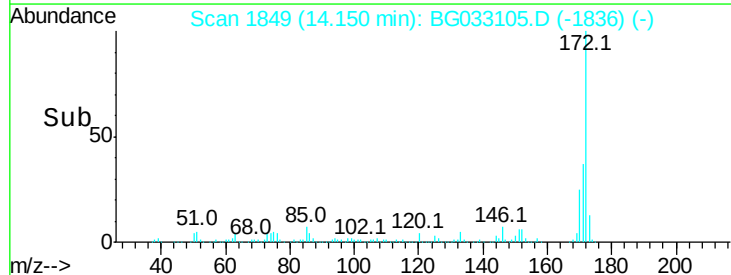
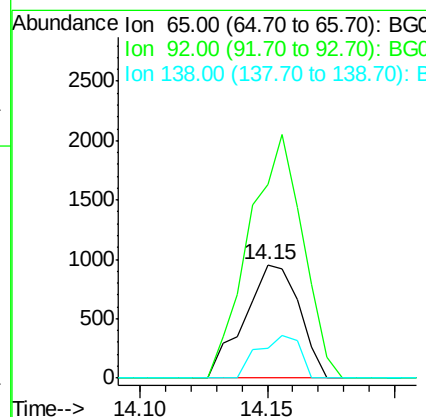
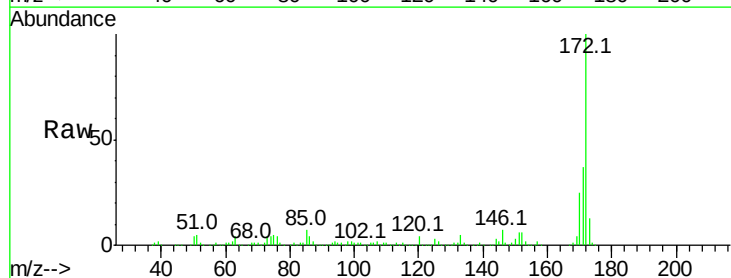
Instrument :
BNA_G
ClientSampleId :

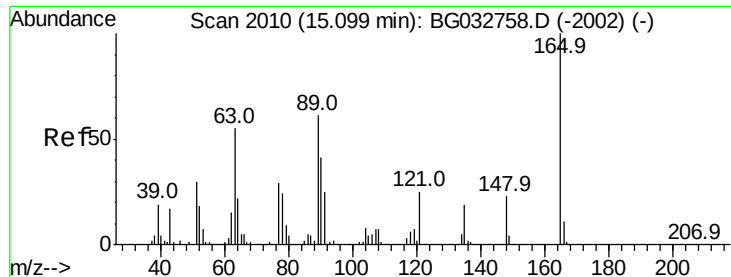
Tot Ion:172 Resp: 782008
Ion Ratio Lower Upper
172 100
171 38.2 30.0 45.0
170 25.0 19.5 29.3



#47
2-Nitroaniline
Concen: 10.517 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.45 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Tgt Ion: 65 Resp: 1446
Ion Ratio Lower Upper
65 100
92 170.7 54.6 82.0#
138 25.8 72.9 109.3#

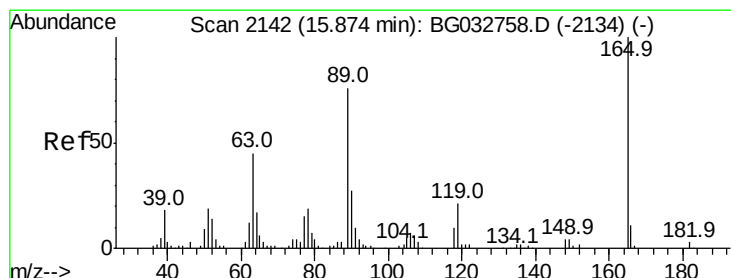
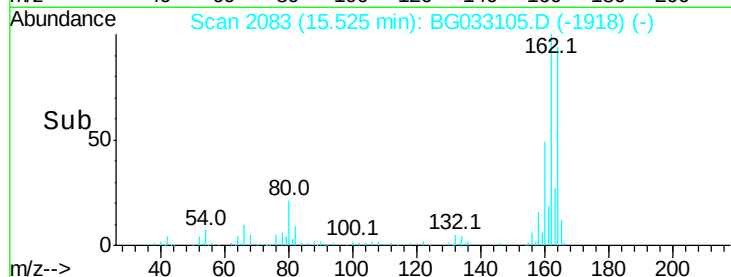
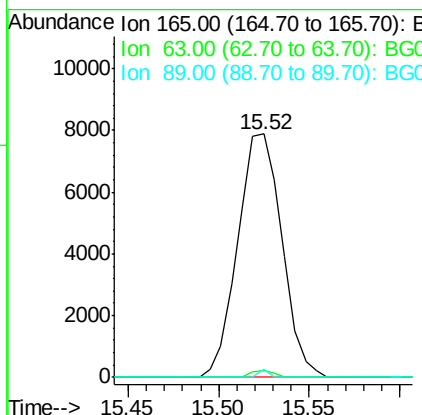
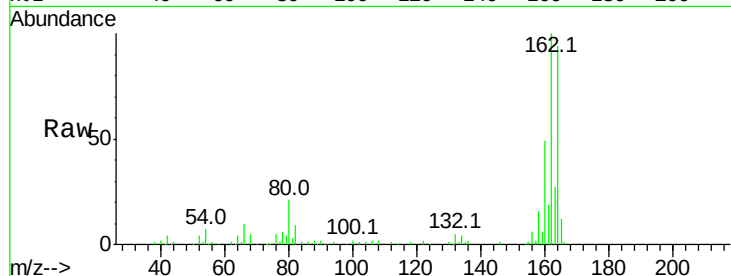




#50
 2,6-Dinitrotoluene
 Concen: 16.471 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. 0.44 min
 Lab File: BG033105.D
 Acq: 13 Mar 2018 1:36

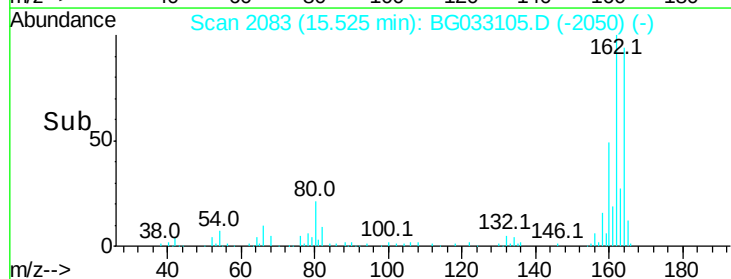
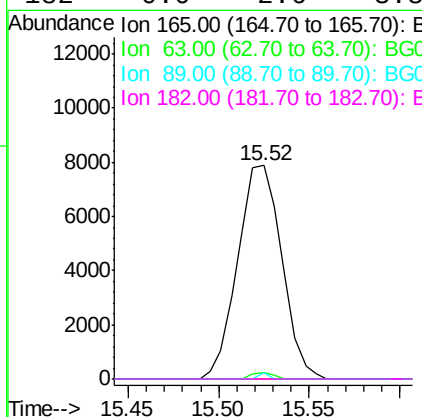
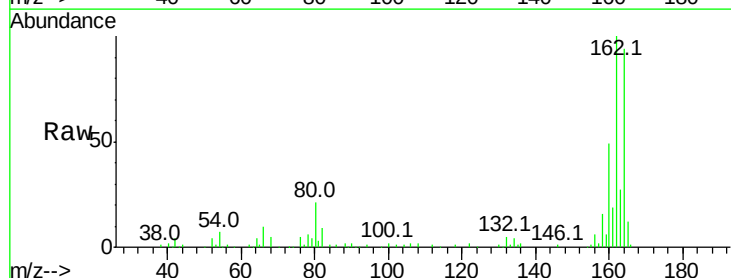
Instrument :
 BNA_G
 ClientSampled :

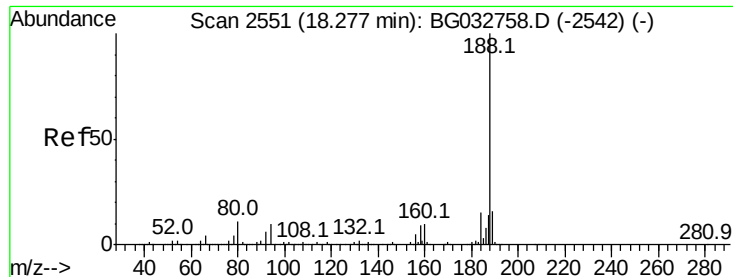
Tot Ion:165 Resp: 13398
 Ion Ratio Lower Upper
 165 100
 63 2.9 52.7 79.1#
 89 3.1 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 14.669 ng
 RT: 15.52 min Scan# 2083
 Delta R.T. -0.33 min
 Lab File: BG033105.D
 Acq: 13 Mar 2018 1:36

Tgt Ion:165 Resp: 13398
 Ion Ratio Lower Upper
 165 100
 63 2.9 42.0 63.0#
 89 3.1 66.9 100.3#
 182 0.0 2.6 3.8#

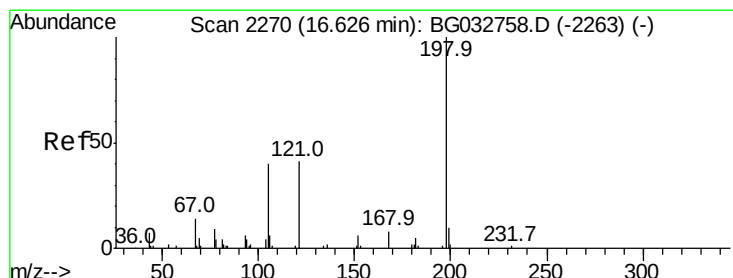
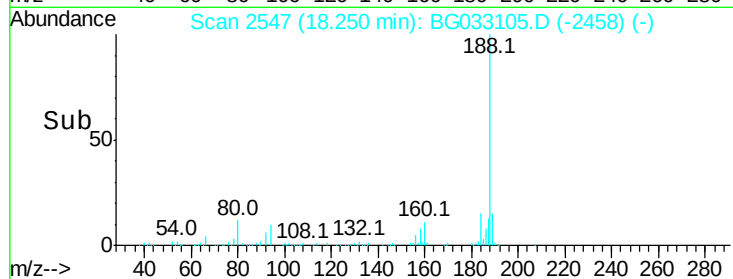
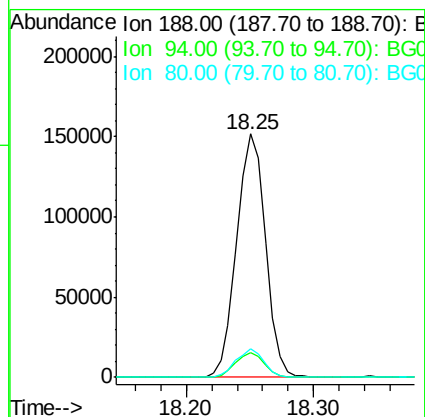
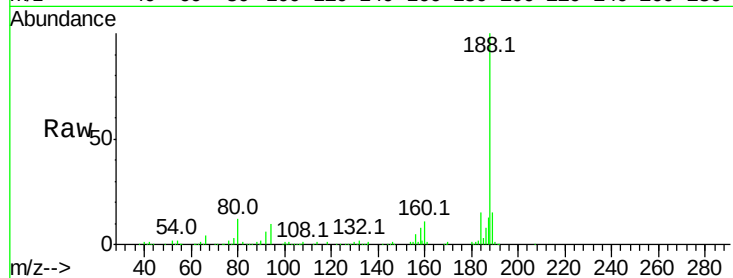




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

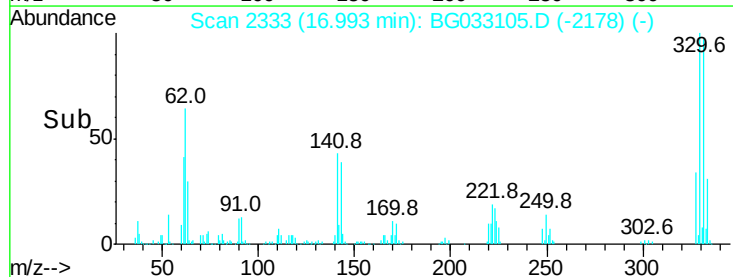
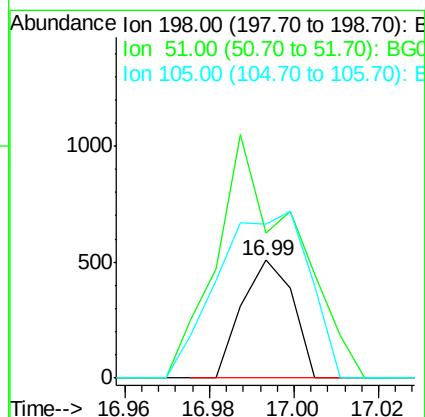
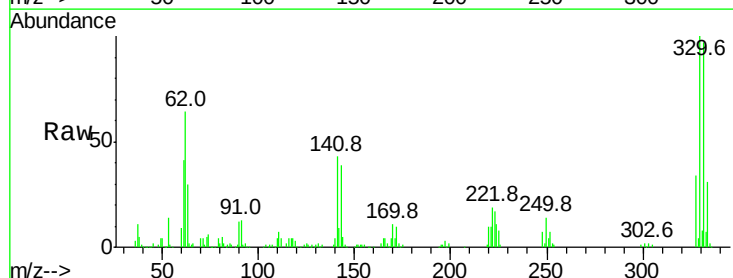
Instrument :
BNA_G
ClientSampleId :

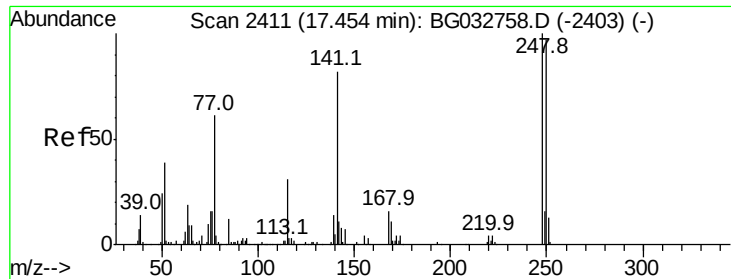
Tot Ion:188 Resp: 238918
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 11.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.708 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.38 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Tgt Ion:198 Resp: 427
Ion Ratio Lower Upper
198 100
51 123.5 30.6 70.6#
105 131.4 23.8 63.8#

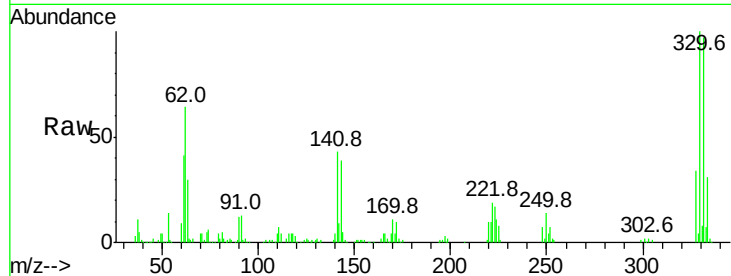




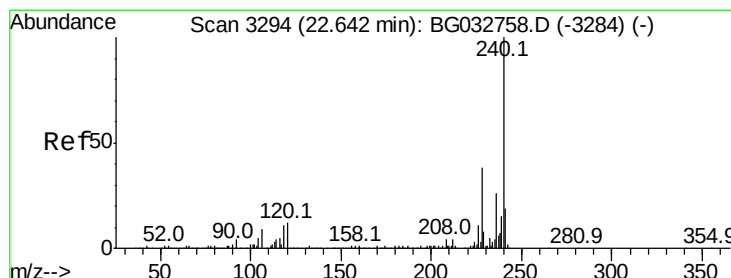
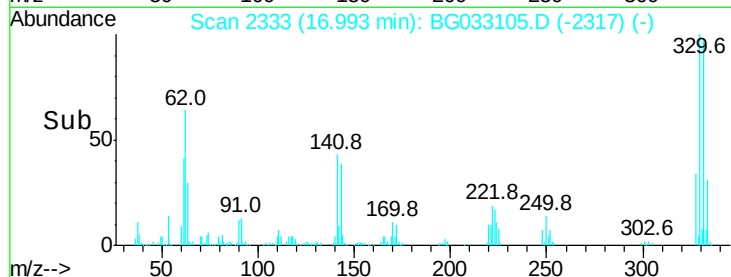
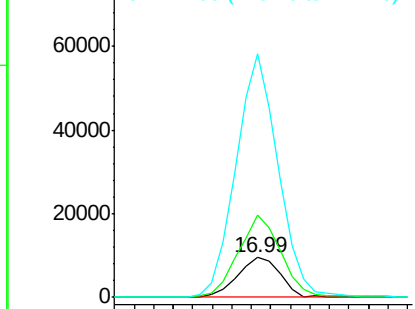
#66
4-Bromophenyl-phenylether
Concen: 5.647 ng
RT: 16.99 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 14265
Ion Ratio Lower Upper
248 100
250 208.3 77.1 115.7#
141 614.0 50.8 76.2#

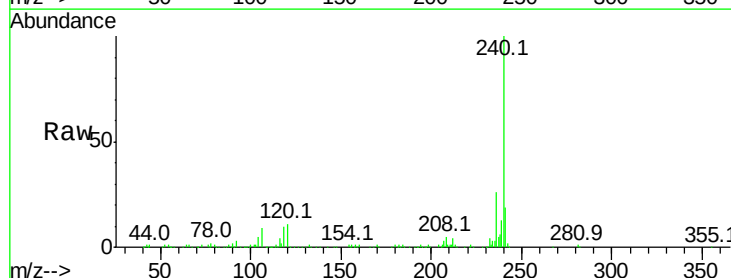


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

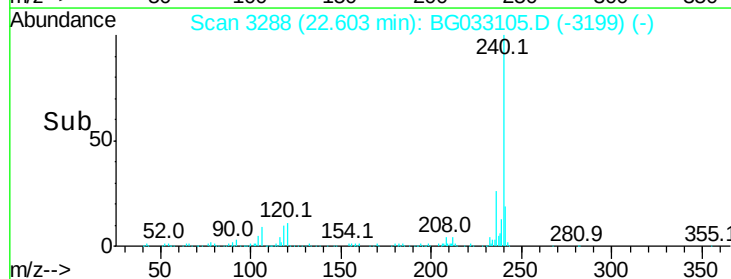
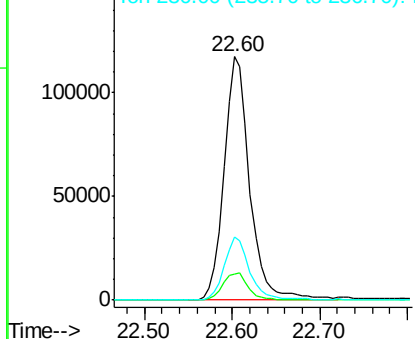


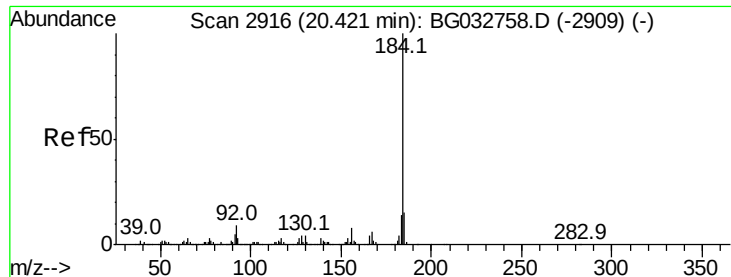
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Tgt Ion:240 Resp: 237065
Ion Ratio Lower Upper
240 100
120 10.7 6.8 10.2#
236 26.0 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

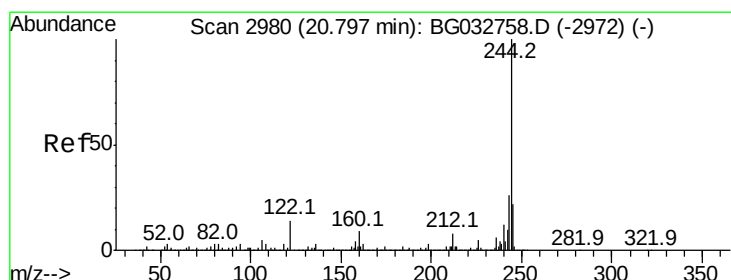
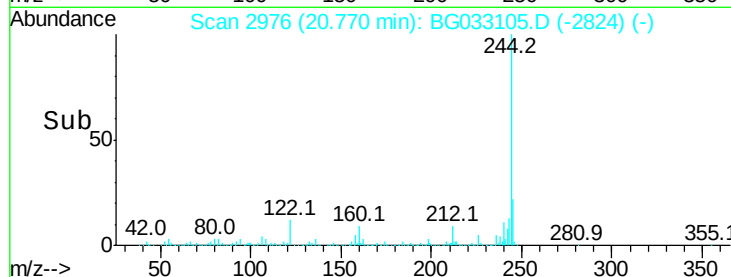
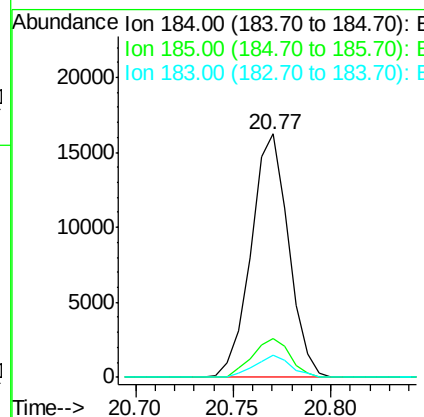
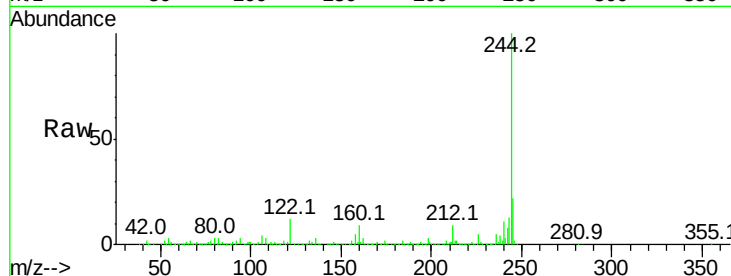




#76
Benzidine
Concen: 2.667 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.36 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

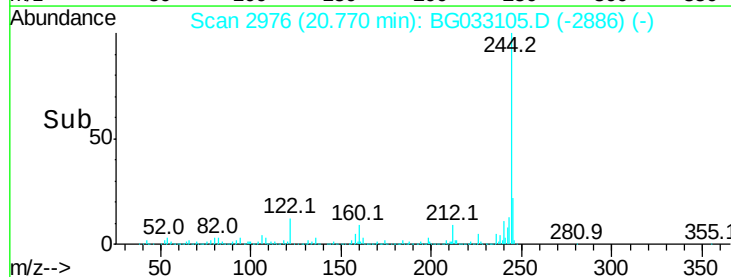
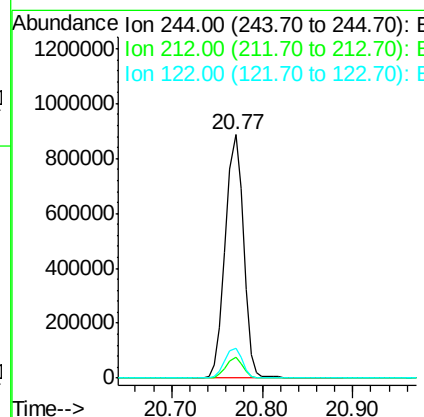
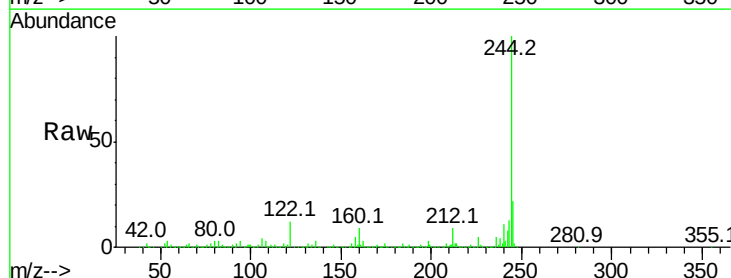
Instrument :
BNA_G
ClientSampleId :

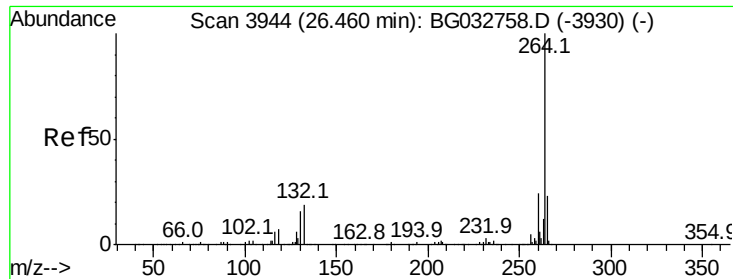
Tot Ion:184 Resp: 21549
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 9.3 10.6 16.0#



#78
Terphenyl-d14
Concen: 117.605 ng
RT: 20.77 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Tgt Ion:244 Resp: 1240914
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 12.3 7.0 10.4#

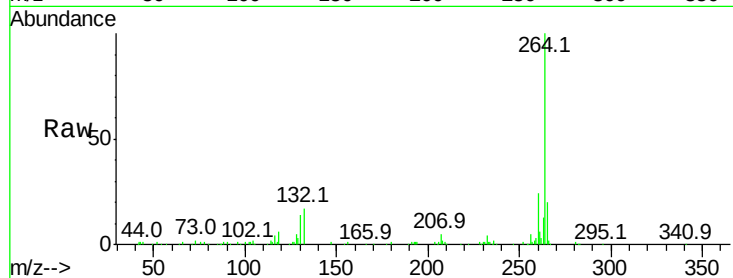




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.41 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BG033105.D
Acq: 13 Mar 2018 1:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	20.1	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

