

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033072.D
 Acq On : 9 Mar 2018 14:59
 Operator : SJ/JU
 Sample : J1755-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 15:32:49 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	50912	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	224127	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	127479	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	297392	20.00	ng	0.00
75) Chrysene-d12	22.61	240	280400	20.00	ng	0.00
86) Perylene-d12	26.41	264	265380	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.33	112	444362	139.64	ng	0.00
7) Phenol-d6	8.01	99	552018	124.45	ng	0.00
23) Nitrobenzene-d5	10.11	82	397439	118.62	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	226136	168.71	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	835691	94.55	ng	0.00
78) Terphenyl-d14	20.77	244	1297654	103.98	ng	0.00

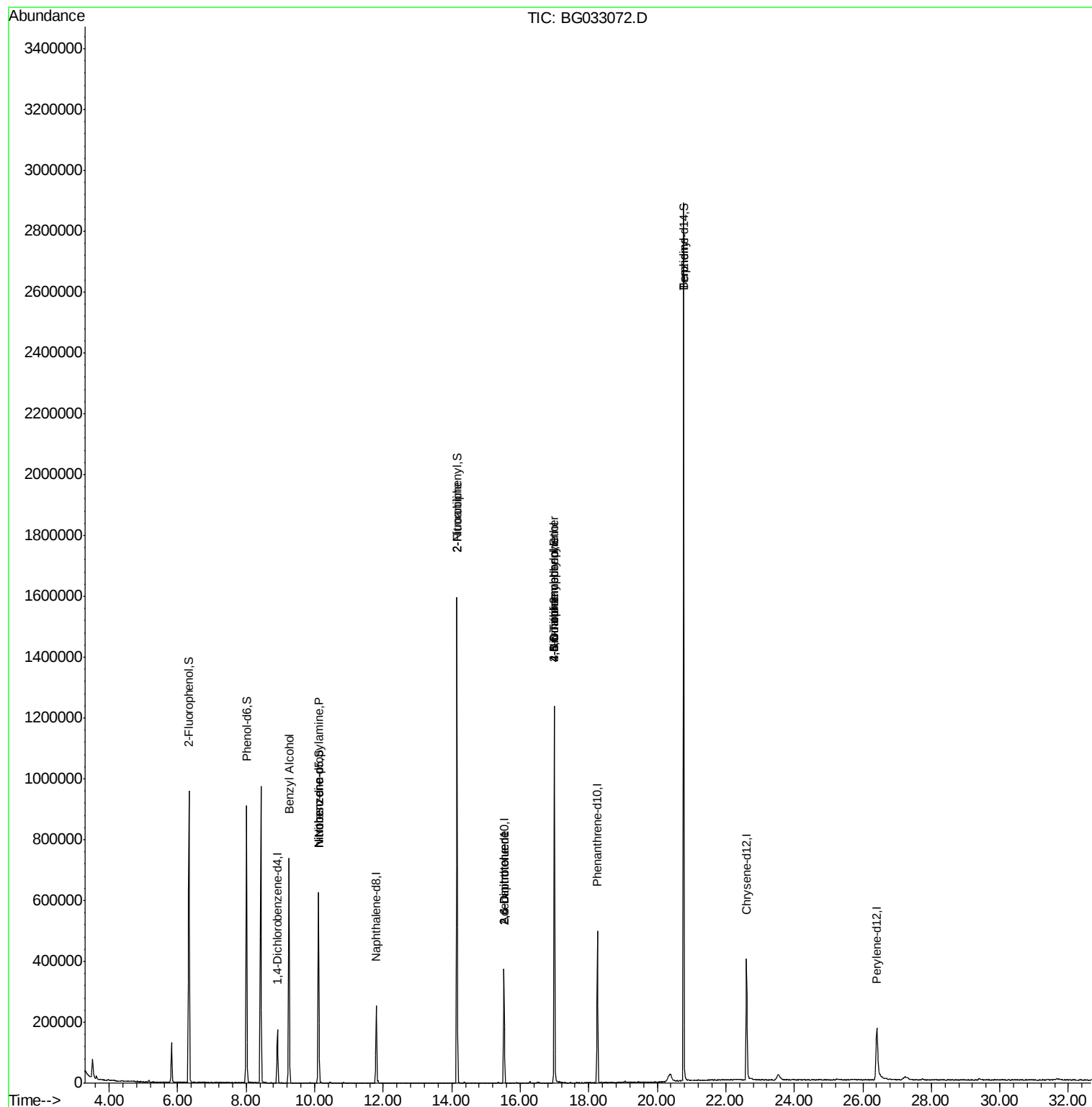
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	9.25	79	6594	2.022	ng	# 39
19) n-Nitroso-di-n-propylamine	10.11	70	52754	16.846	ng	# 83
24) Nitrobenzene	10.11	77	1288	6.693	ng	# 39
47) 2-Nitroaniline	14.15	65	1458	10.388	ng	# 1
50) 2,6-Dinitrotoluene	15.53	165	15957	16.154	ng	# 21
56) 2,4-Dinitrotoluene	15.53	165	15957	14.350	ng	# 19
61) 4-Nitroaniline	17.00	138	67	5.325	ng	# 1
64) 4,6-Dinitro-2-methylphenol	17.00	198	546	5.729	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	16341	5.197	ng	# 1
76) Benzidine	20.77	184	23218	2.429	ng	# 88

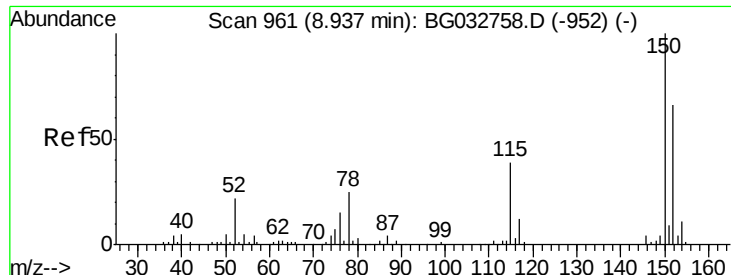
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
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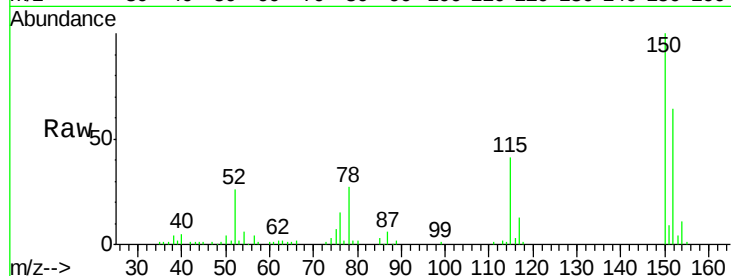


#1

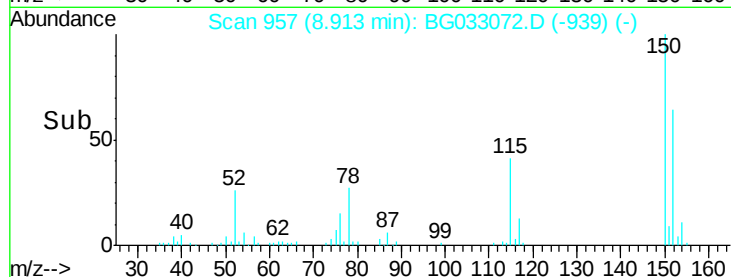
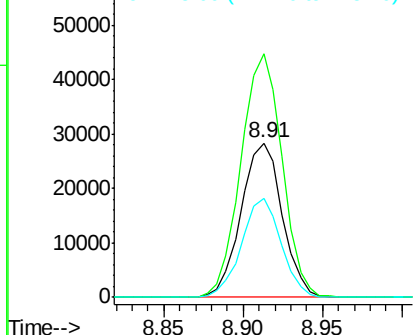
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 50912
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 64.3 53.0 79.4



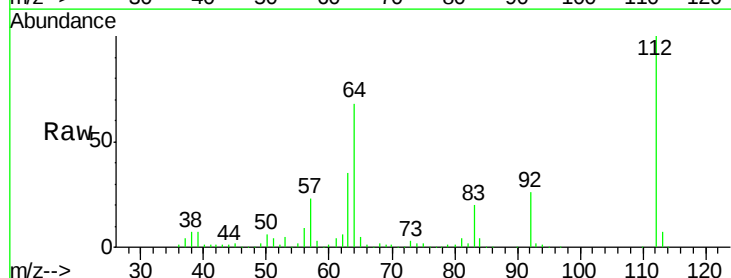
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



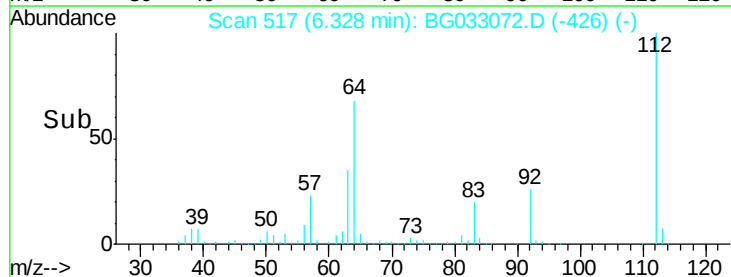
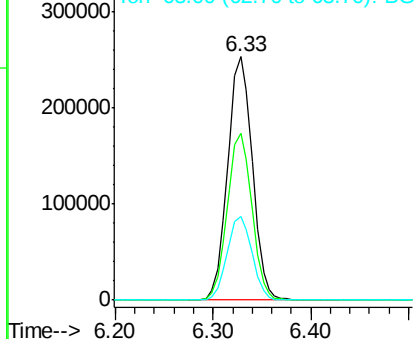
#5

2-Fluorophenol
Concen: 139.636 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Tgt Ion:112 Resp: 444362
Ion Ratio Lower Upper
112 100
64 68.5 56.3 84.5
63 34.6 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: 124.450 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

Instrument :

BNA_G

ClientSampleId :

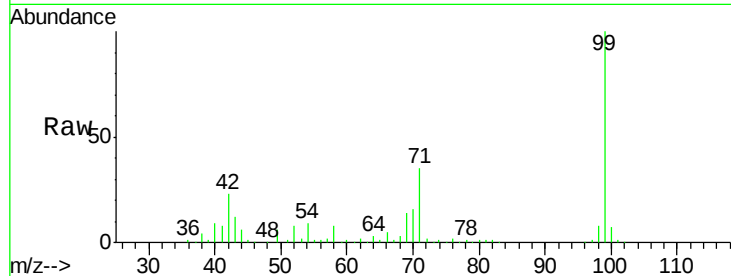
Tot Ion: 99 Resp: 552018

Ion Ratio Lower Upper

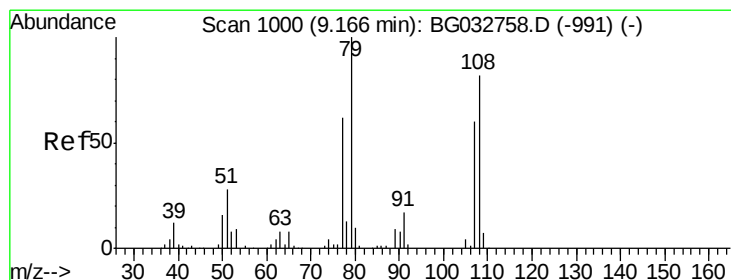
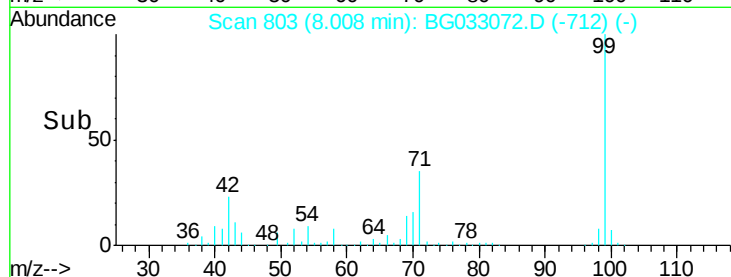
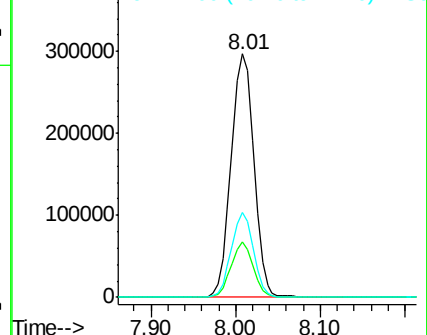
99 100

42 22.8 14.1 21.1#

71 34.8 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



#15

Benzyl Alcohol

Concen: 2.022 ng

RT: 9.25 min Scan# 1014

Delta R.T. 0.10 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

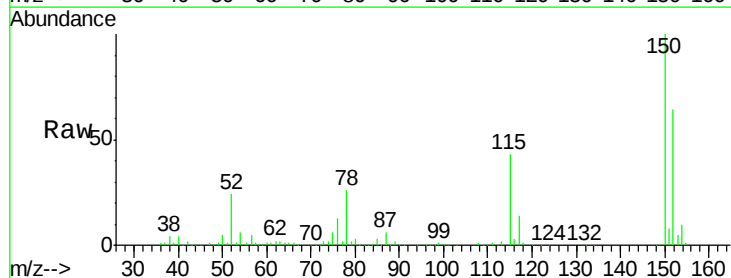
Tgt Ion: 79 Resp: 6594

Ion Ratio Lower Upper

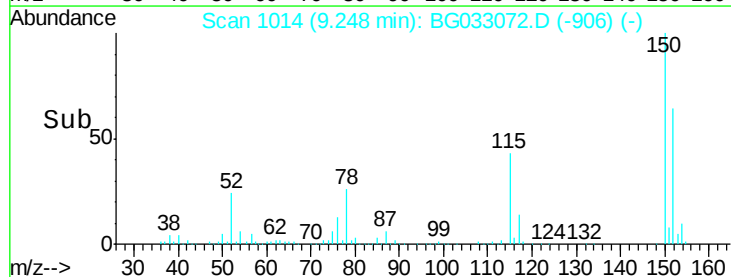
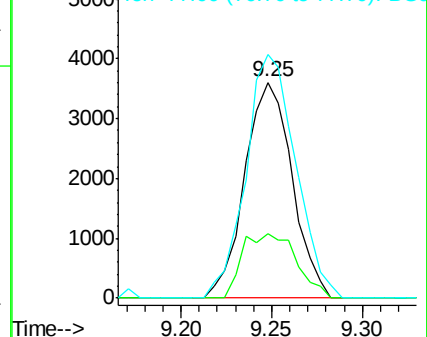
79 100

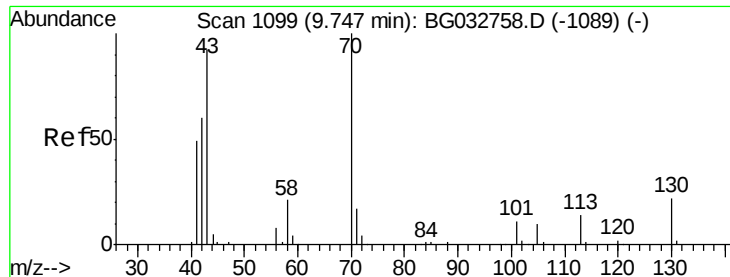
108 30.1 57.2 85.8#

77 112.8 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

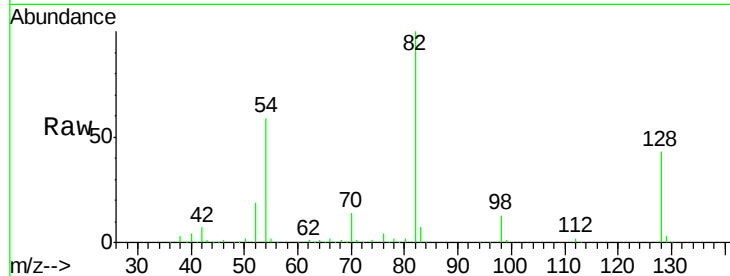




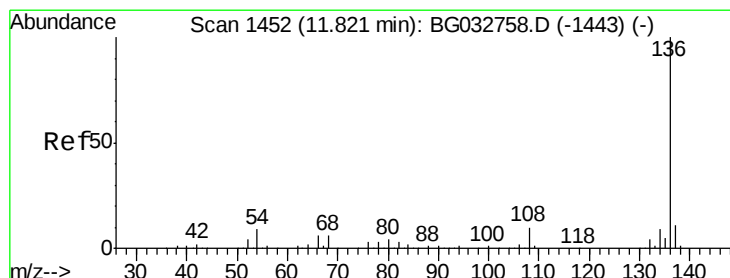
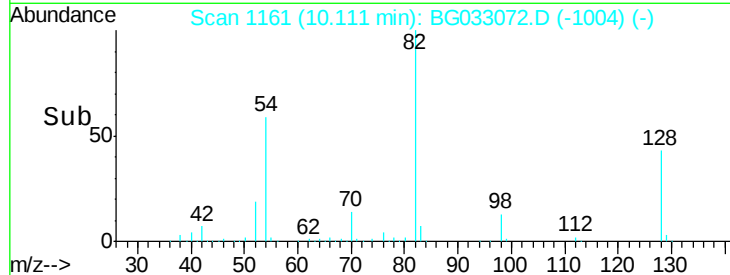
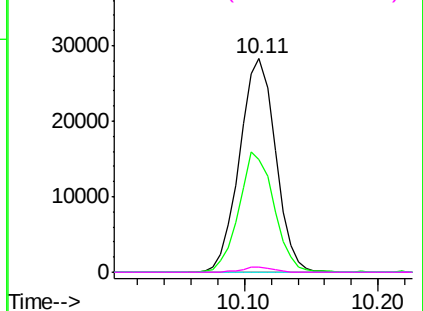
#19
n-Nitroso-di-n-propylamine
Concen: 16.846 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.39 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 52754
Ion Ratio Lower Upper
70 100
42 52.9 49.1 73.7
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#

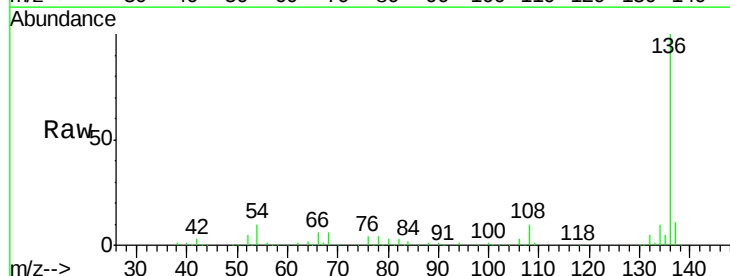


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

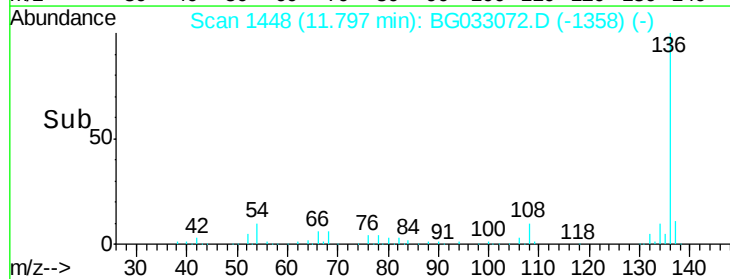
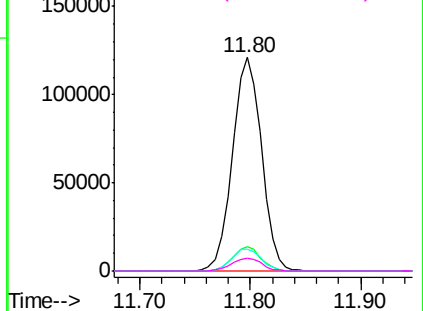


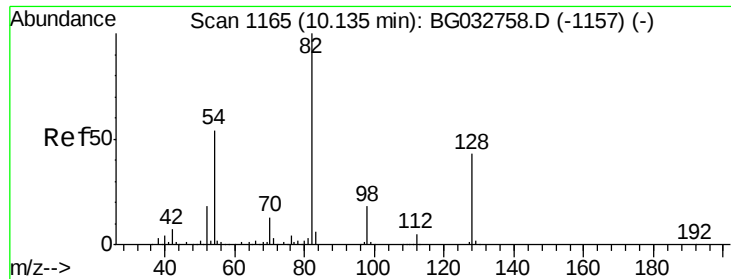
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Tgt Ion: 136 Resp: 224127
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 10.3 10.3 15.5#
68 6.1 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

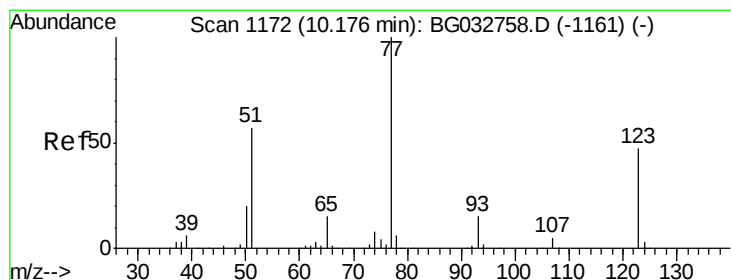
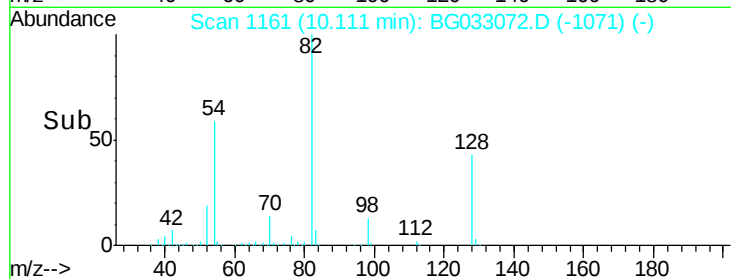
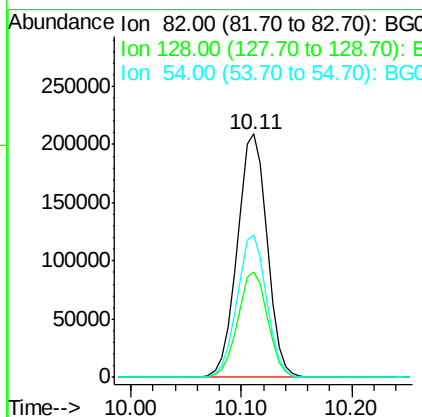
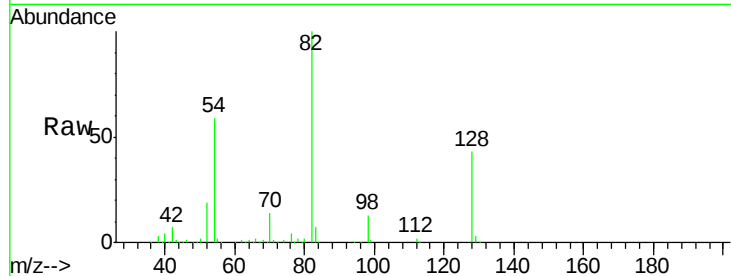




#23
 Nitrobenzene-d5
 Concen: 118.619 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

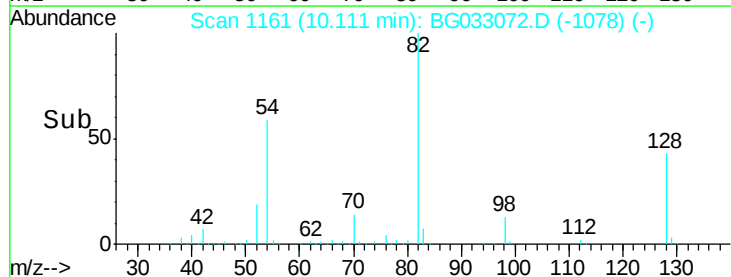
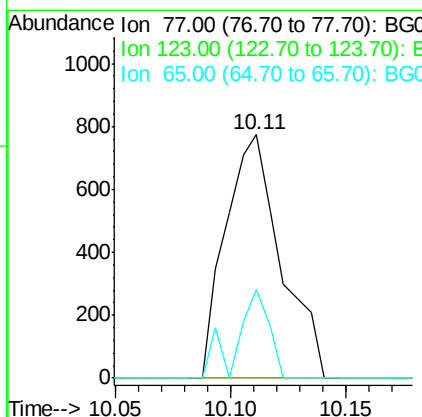
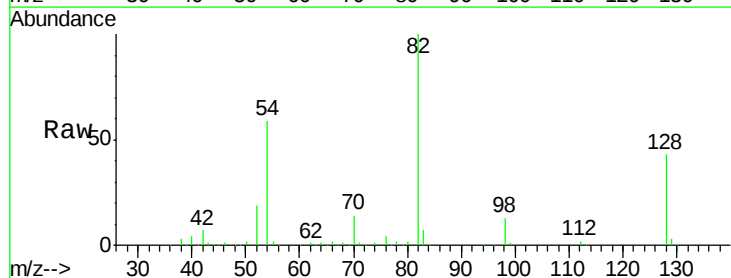
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	397439
Ion Ratio	Lower	Upper	
82	100		
128	43.1	29.7	44.5
54	58.7	43.1	64.7



#24
 Nitrobenzene
 Concen: 6.693 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.04 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Tgt Ion	77	Resp	1288
Ion Ratio	Lower	Upper	
77	100		
123	0.0	33.0	49.6#
65	36.7	13.0	19.6#

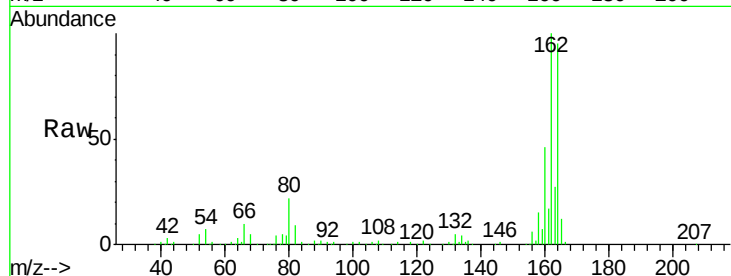




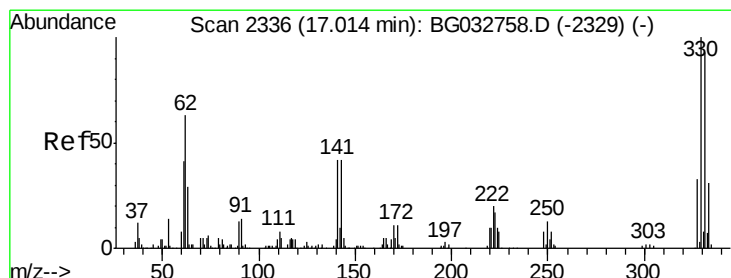
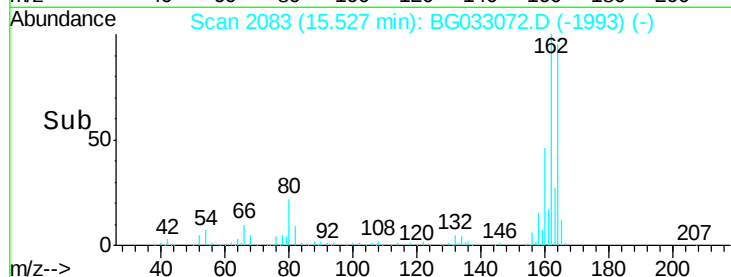
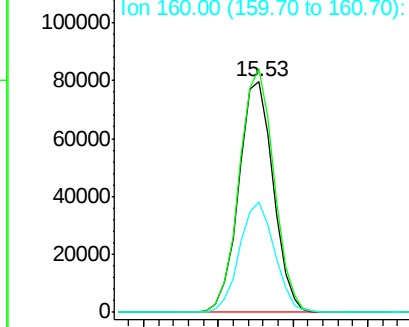
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 127479
 Ion Ratio Lower Upper
 164 100
 162 105.8 78.8 118.2
 160 48.2 35.4 53.0

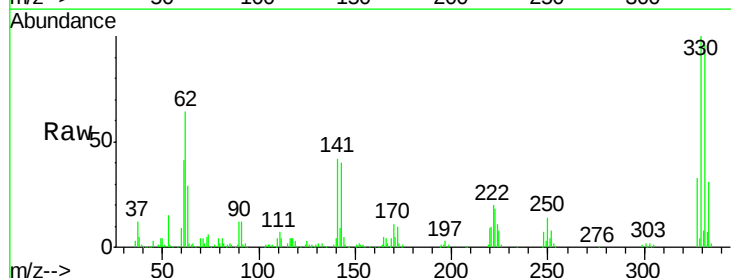


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

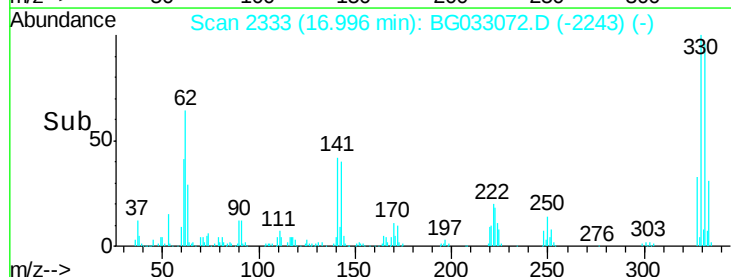
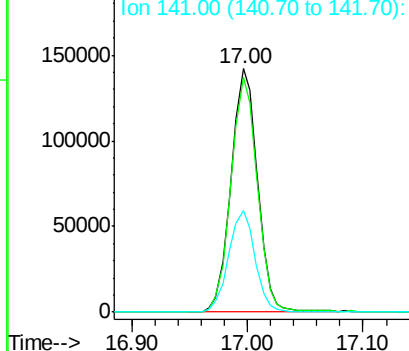


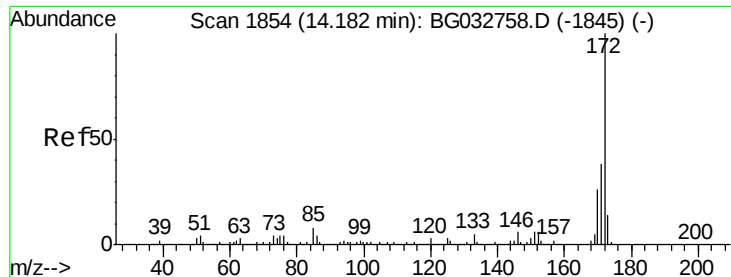
#41
 2,4,6-Tribromophenol
 Concen: 168.708 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Tgt Ion:330 Resp: 226136
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 42.0 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

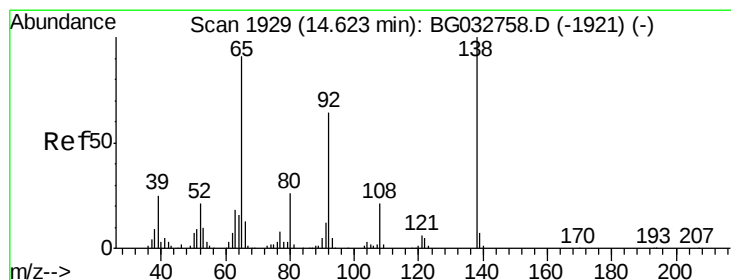
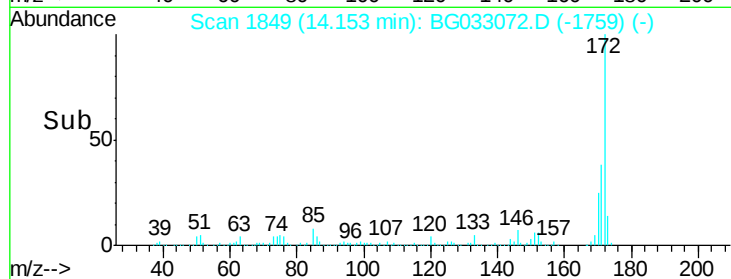
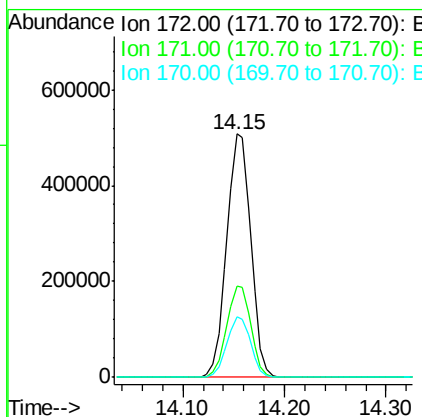
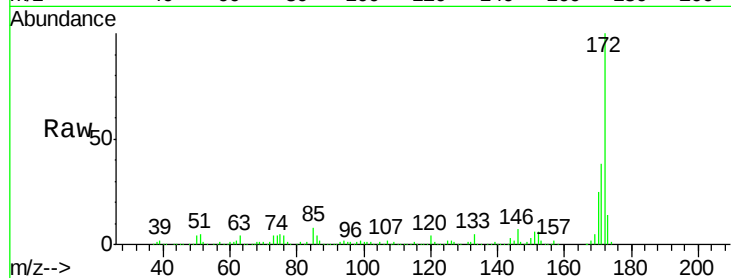




#44
 2-Fluorobiphenyl
 Concen: 94.547 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

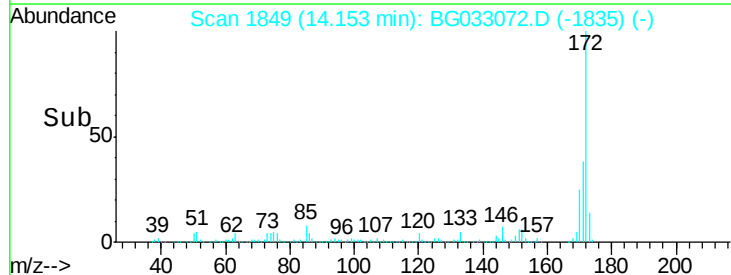
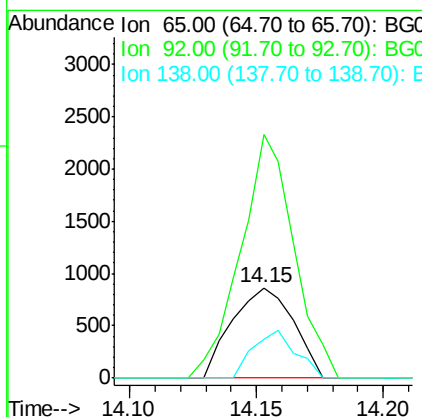
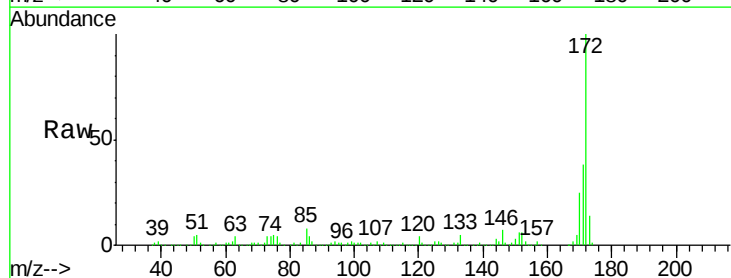
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 835691
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 24.7 19.5 29.3



#47
 2-Nitroaniline
 Concen: 10.388 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.45 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Tgt Ion: 65 Resp: 1458
 Ion Ratio Lower Upper
 65 100
 92 268.9 54.6 82.0#
 138 42.5 72.9 109.3#

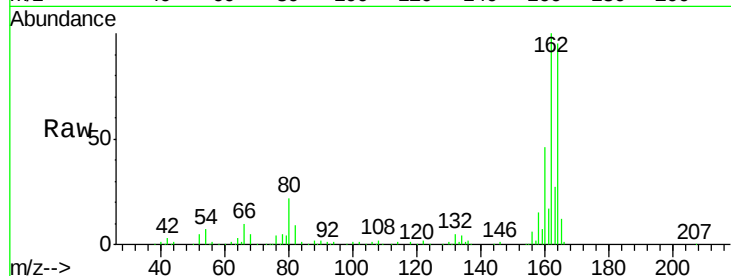




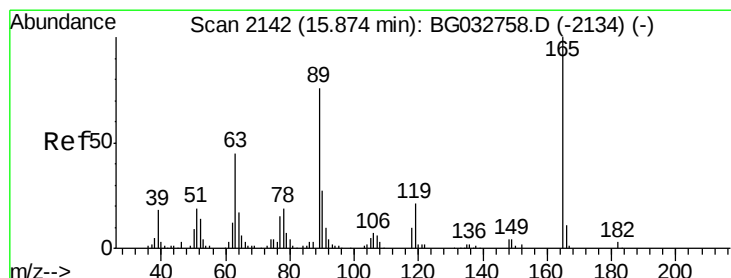
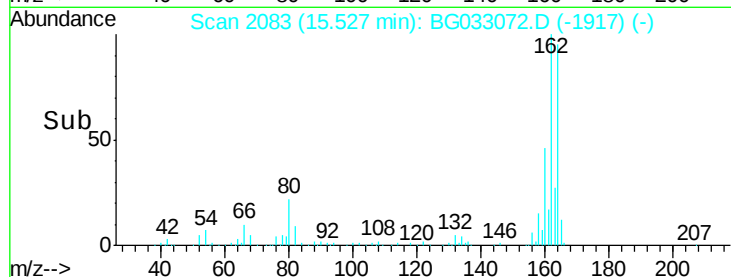
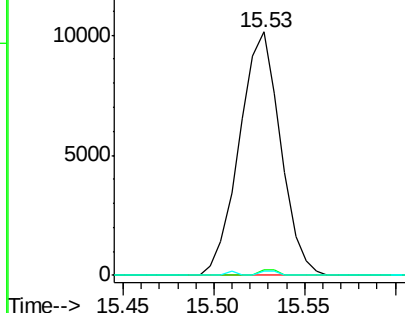
#50
2,6-Dinitrotoluene
Concen: 16.154 ng
RT: 15.53 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15957
Ion Ratio Lower Upper
165 100
63 2.2 52.7 79.1#
89 1.8 49.2 73.8#

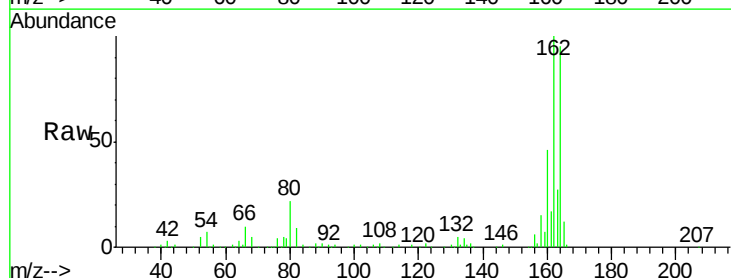


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

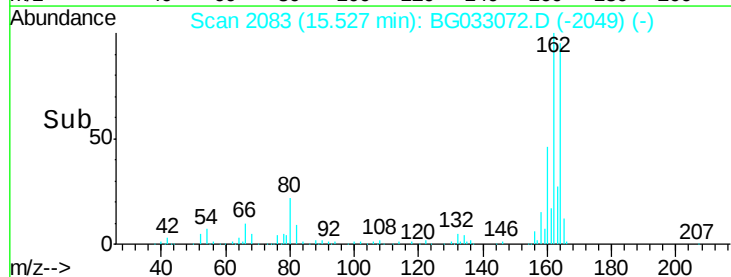
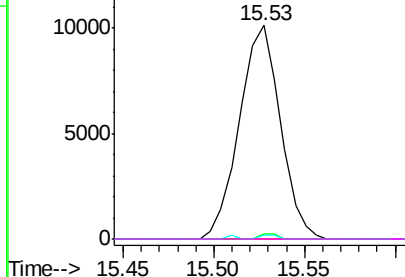


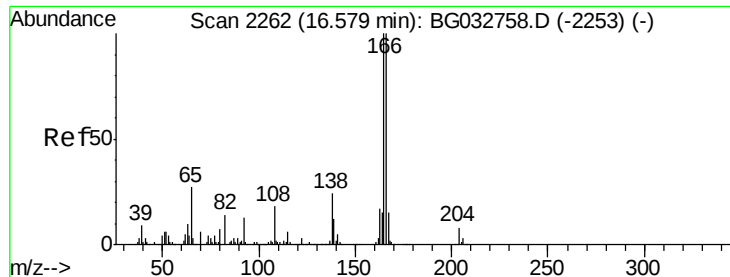
#56
2,4-Dinitrotoluene
Concen: 14.350 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.33 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Tgt Ion:165 Resp: 15957
Ion Ratio Lower Upper
165 100
63 2.2 42.0 63.0#
89 1.8 66.9 100.3#
182 0.0 2.6 3.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

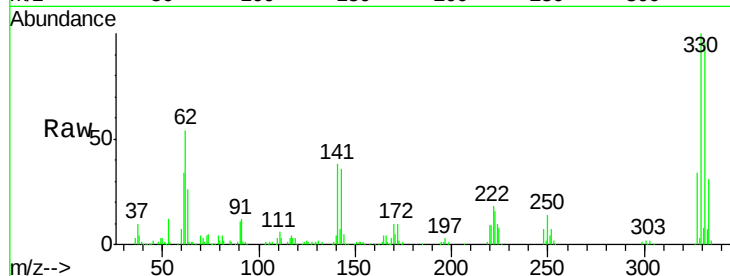




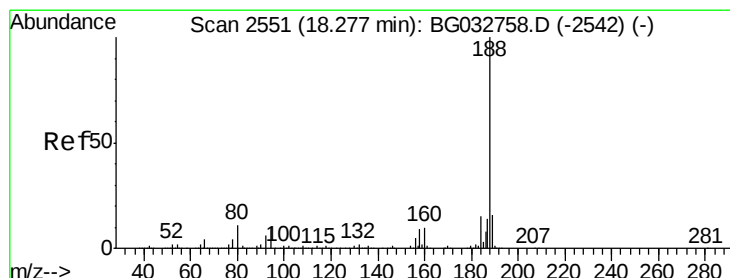
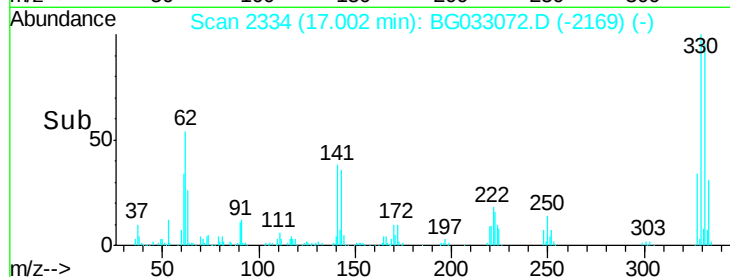
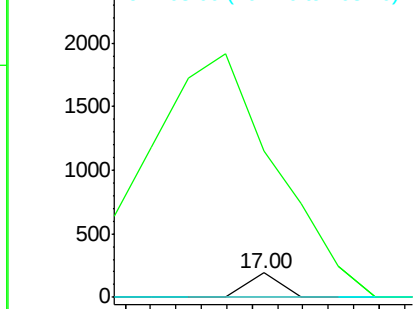
#61
4-Nitroaniline
Concen: 5.325 ng
RT: 17.00 min Scan# 2334
Delta R.T. 0.44 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 606.8 40.1 80.1#
108 0.0 65.4 105.4#

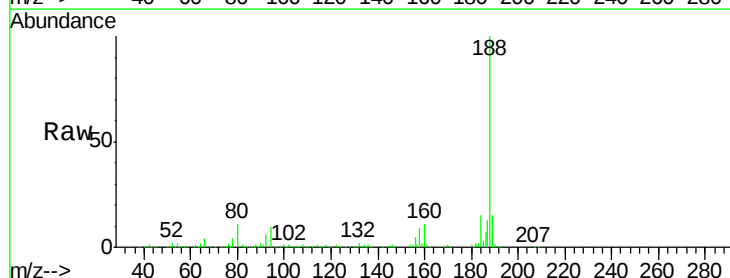


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

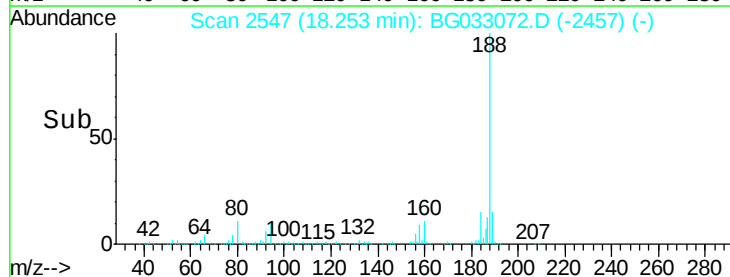
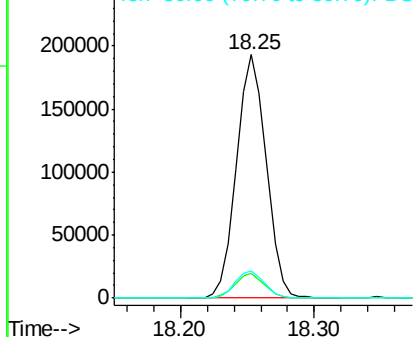


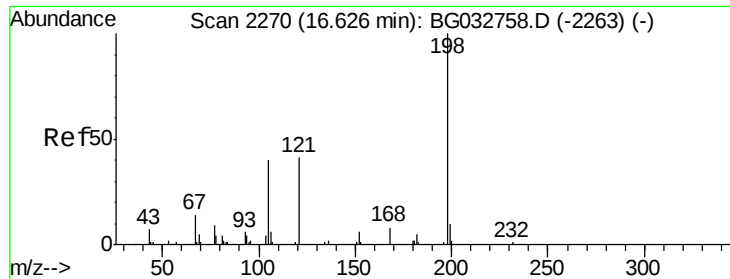
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2547
Delta R.T. -0.00 min
Lab File: BG033072.D
Acq: 9 Mar 2018 14:59

Tgt Ion:188 Resp: 297392
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 11.0 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

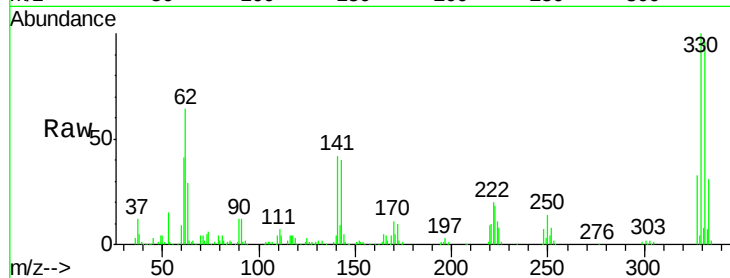




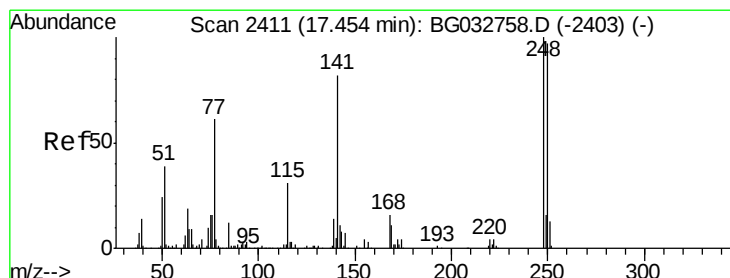
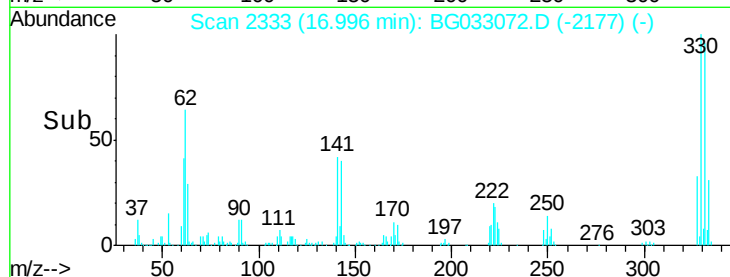
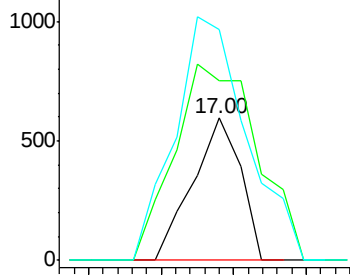
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.729 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. 0.39 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 546
 Ion Ratio Lower Upper
 198 100
 51 126.2 30.6 70.6#
 105 162.4 23.8 63.8#

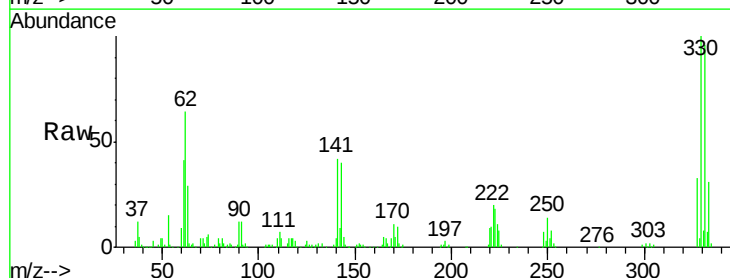


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

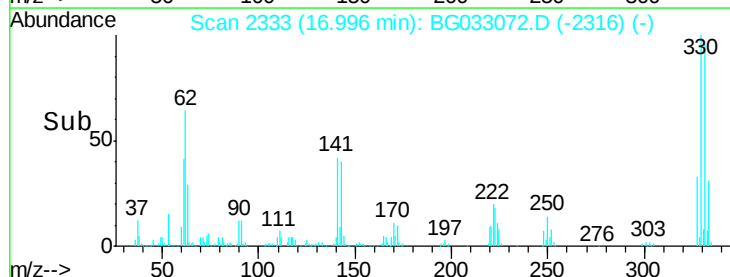
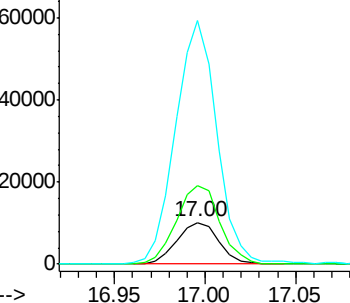


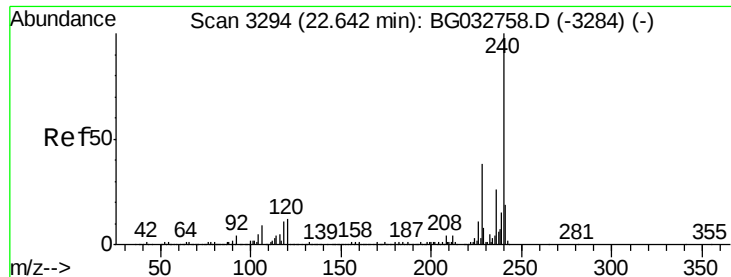
#66
 4-Bromophenyl-phenylether
 Concen: 5.197 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. -0.43 min
 Lab File: BG033072.D
 Acq: 9 Mar 2018 14:59

Tgt Ion:248 Resp: 16341
 Ion Ratio Lower Upper
 248 100
 250 189.7 77.1 115.7#
 141 584.4 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: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

Instrument :

BNA_G

ClientSampleId :

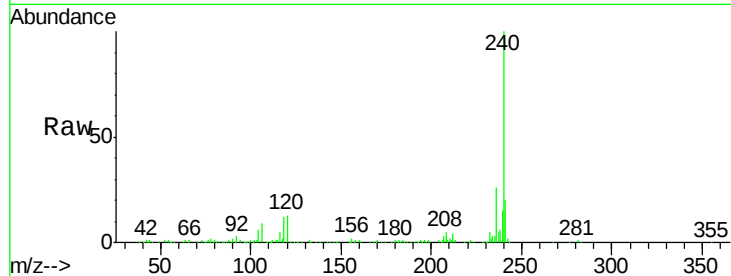
Tot Ion:240 Resp: 280400

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

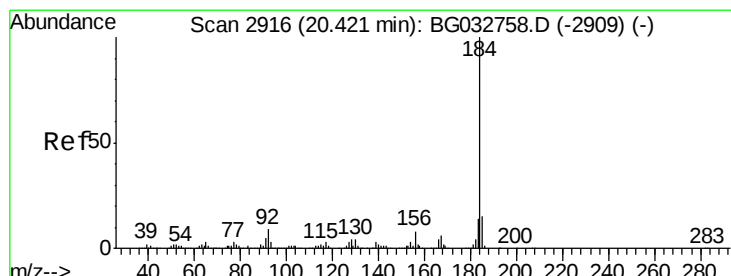
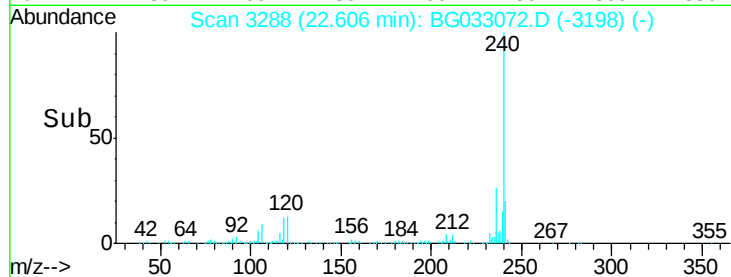
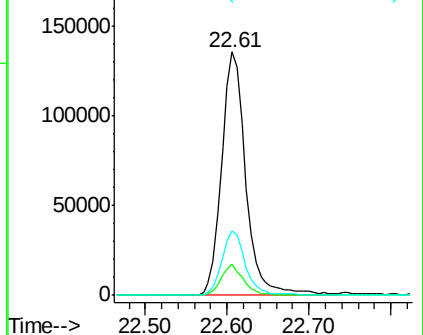
236 26.5 20.9 31.3



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: 2.429 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.37 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

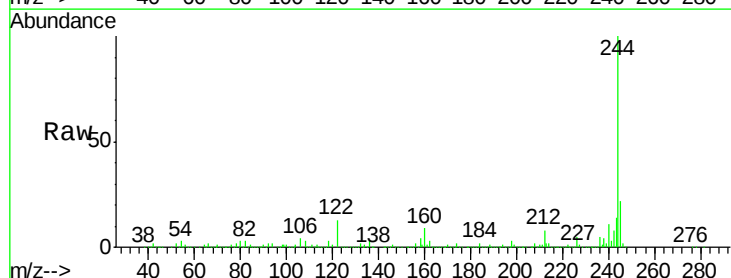
Tgt Ion:184 Resp: 23218

Ion Ratio Lower Upper

184 100

185 18.4 11.1 16.7#

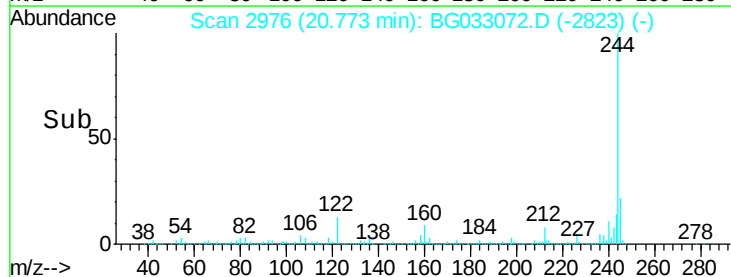
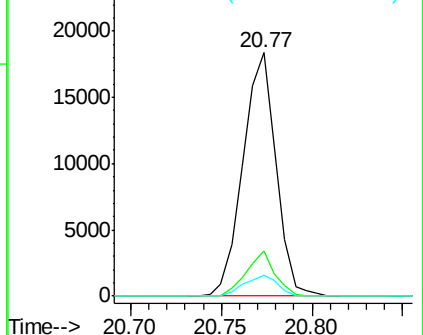
183 8.4 10.6 16.0#

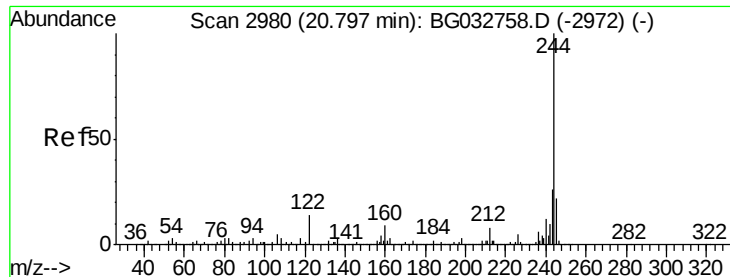


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 103.976 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

Instrument :

BNA_G

ClientSampleId :

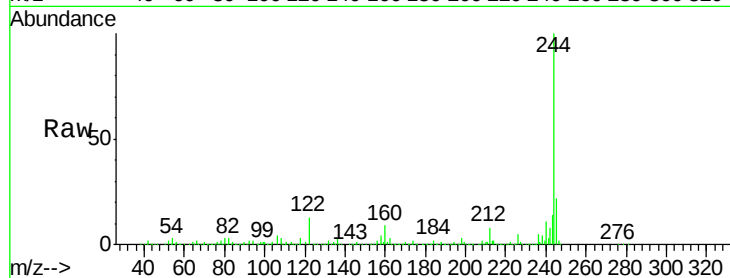
Tot Ion:244 Resp: 1297654

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

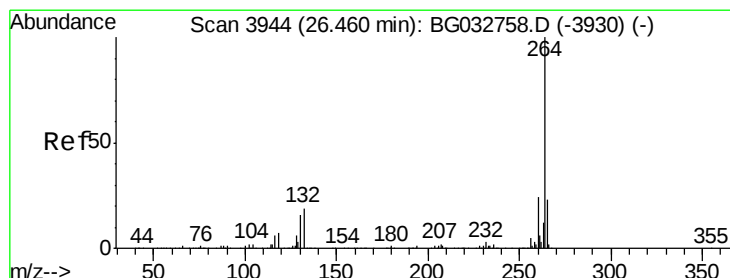
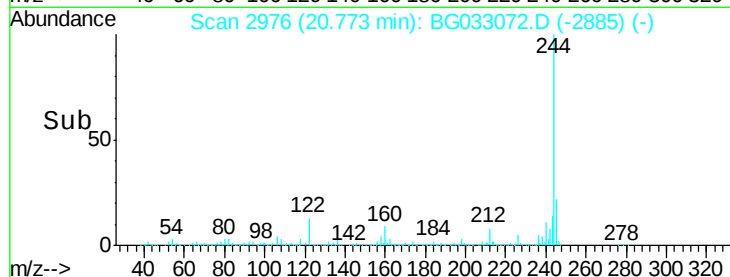
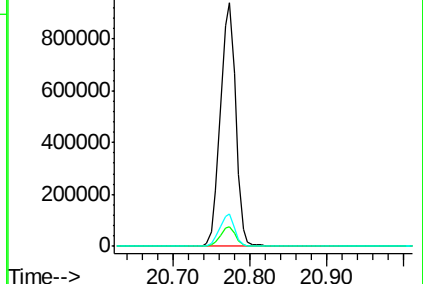
122 13.1 7.0 10.4#



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: 26.41 min Scan# 3936

Delta R.T. 0.00 min

Lab File: BG033072.D

Acq: 9 Mar 2018 14:59

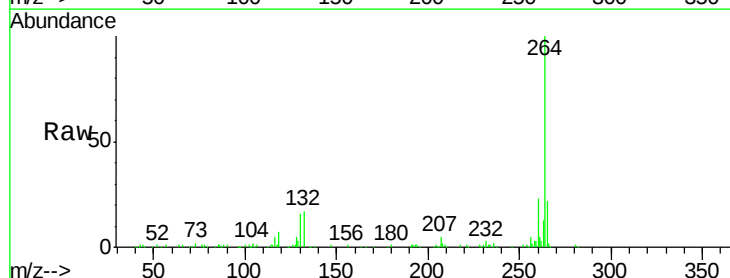
Tgt Ion:264 Resp: 265380

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.9 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

