

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030818\
 Data File : BG033052.D
 Acq On : 8 Mar 2018 22:17
 Operator : SJ/JU
 Sample : PB107149BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 01:31:22 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 06 17:38:59 2018
 Response via : Initial Calibration

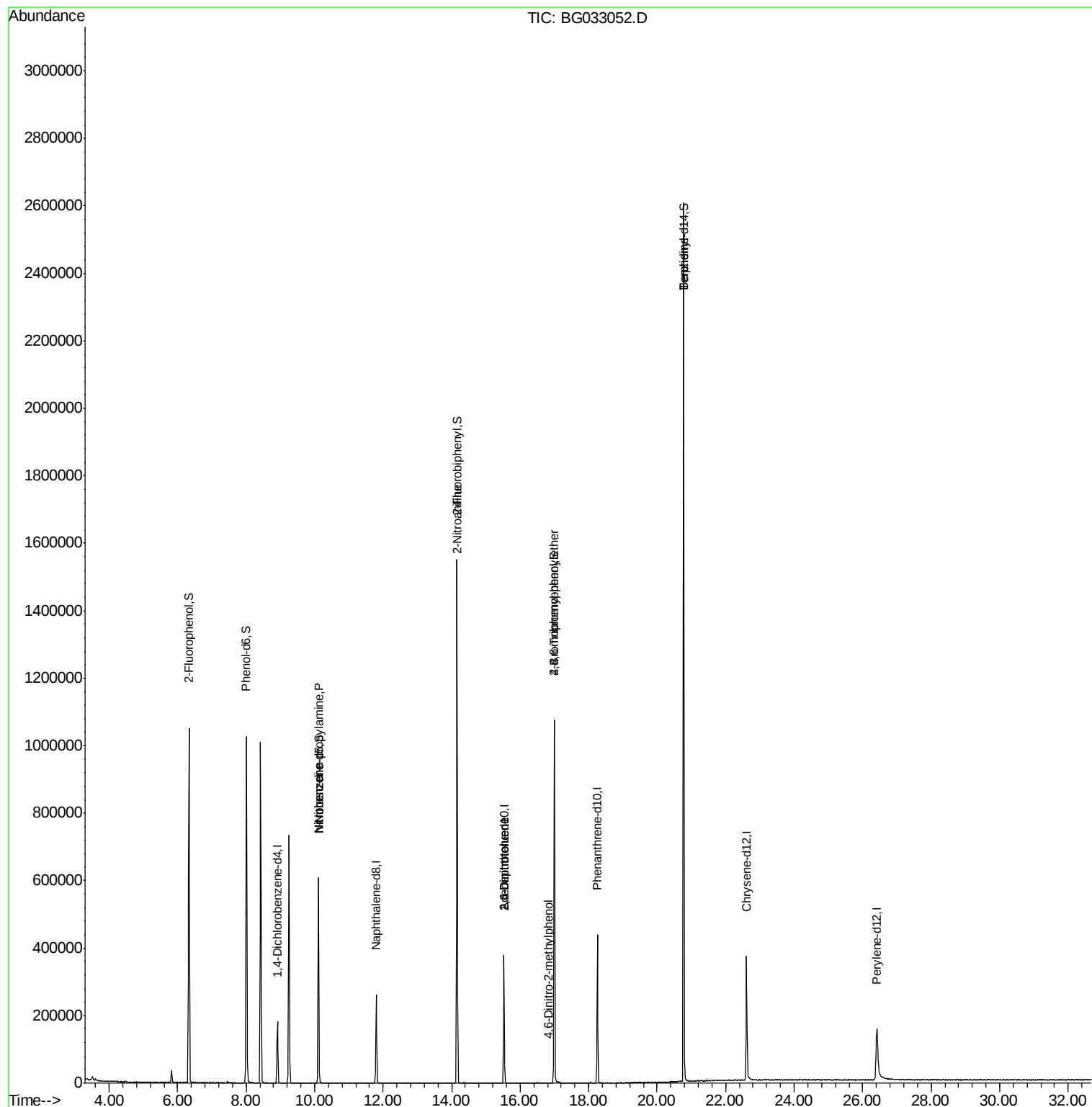
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	53366	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	229923	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	126169	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	276930	20.00	ng	0.00
75) Chrysene-d12	22.61	240	260140	20.00	ng	0.00
86) Perylene-d12	26.42	264	245802	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	476126	142.74	ng	0.00
7) Phenol-d6	8.01	99	625167	134.46	ng	0.00
23) Nitrobenzene-d5	10.11	82	375567	110.05	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	189936	143.17	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	807790	92.34	ng	0.00
78) Terphenyl-d14	20.77	244	1130886	97.67	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	49044	14.941	ng	# 84
24) Nitrobenzene	10.11	77	1013	6.620	ng	# 29
47) 2-Nitroaniline	14.15	65	1614	10.454	ng	# 24
50) 2,6-Dinitrotoluene	15.53	165	16165	16.325	ng	# 19
56) 2,4-Dinitrotoluene	15.53	165	16165	14.522	ng	# 17
64) 4,6-Dinitro-2-methylphenol	16.81	198	54	5.030	ng	# 29
66) 4-Bromophenyl-phenylether	17.00	248	13275	4.533	ng	# 1
76) Benzidine	20.77	184	19678	2.219	ng	# 92

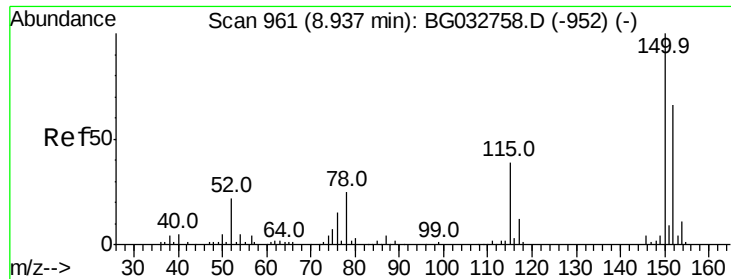
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030818\
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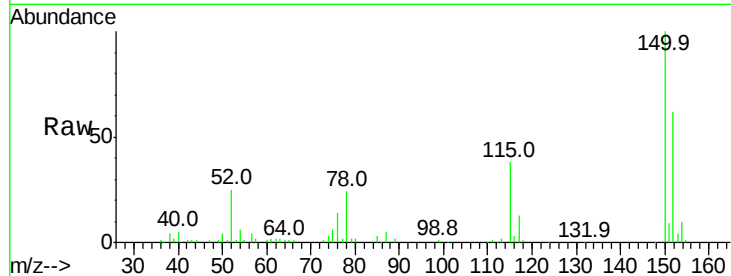


#1

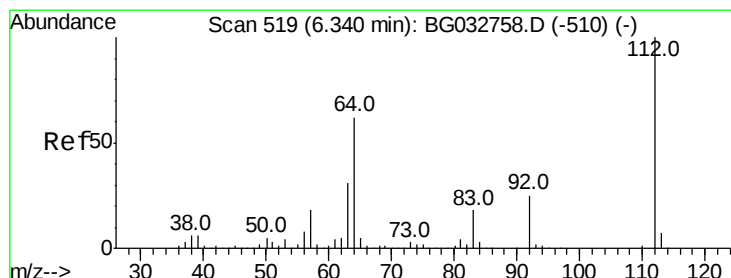
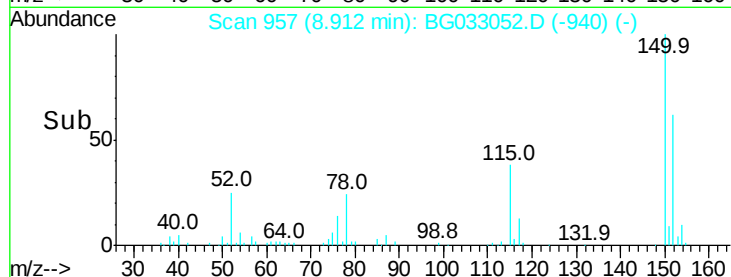
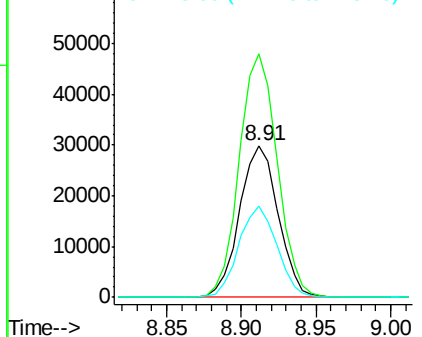
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG033052.D
Acq: 8 Mar 2018 22:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53366
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 60.3 53.0 79.4



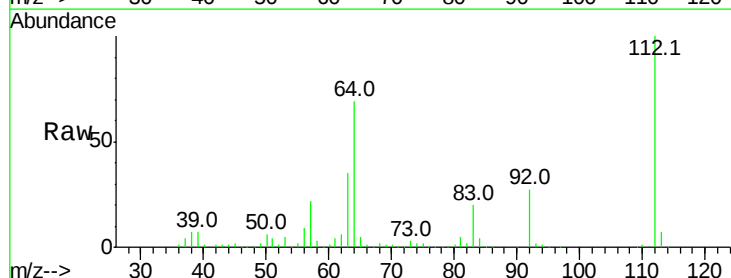
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



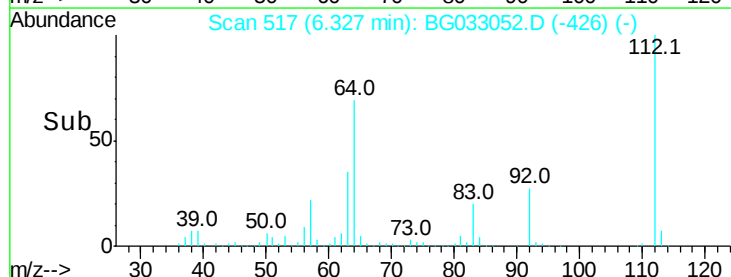
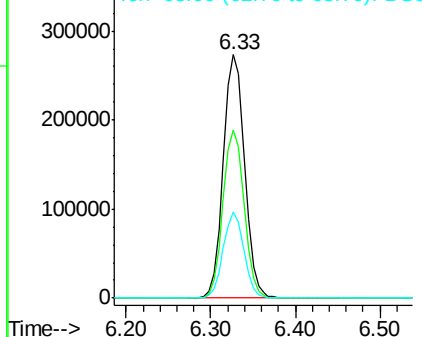
#5

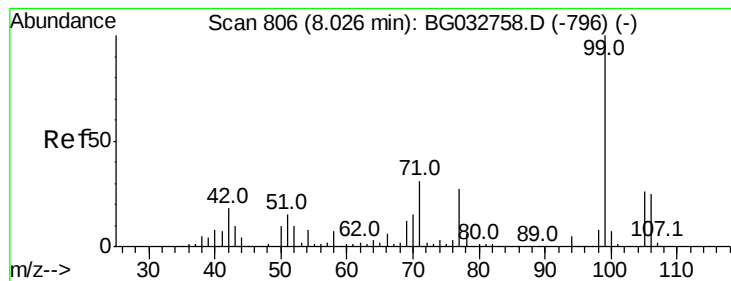
2-Fluorophenol
Concen: 142.737 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033052.D
Acq: 8 Mar 2018 22:17

Tgt Ion:112 Resp: 476126
Ion Ratio Lower Upper
112 100
64 69.2 56.3 84.5
63 35.2 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: 134.460 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033052.D

Acq: 8 Mar 2018 22:17

Instrument :

BNA_G

ClientSampleId :

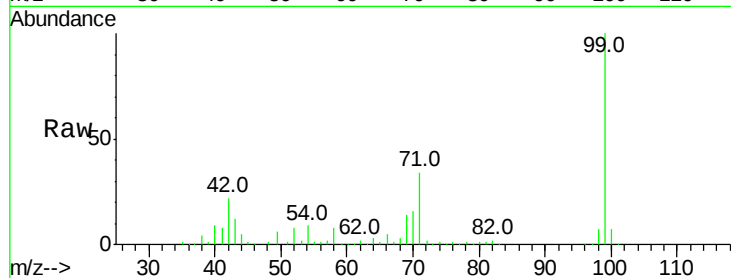
Tot Ion: 99 Resp: 625167

Ion Ratio Lower Upper

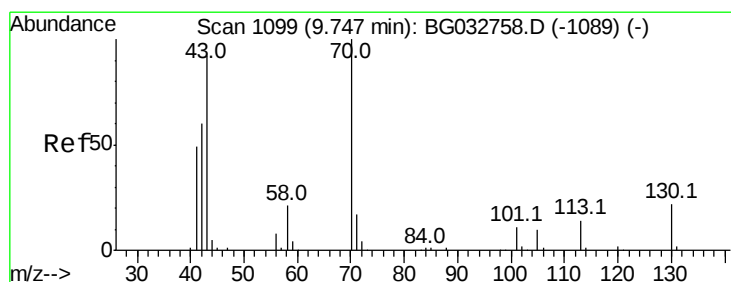
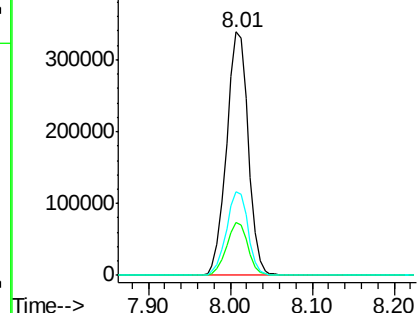
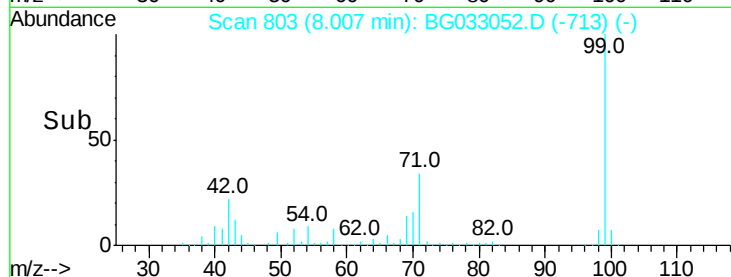
99 100

42 21.8 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.941 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033052.D

Acq: 8 Mar 2018 22:17

Tgt Ion: 70 Resp: 49044

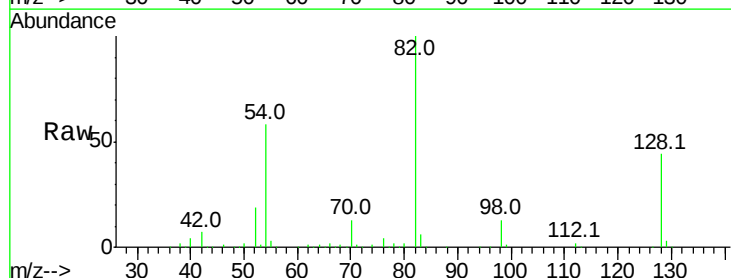
Ion Ratio Lower Upper

70 100

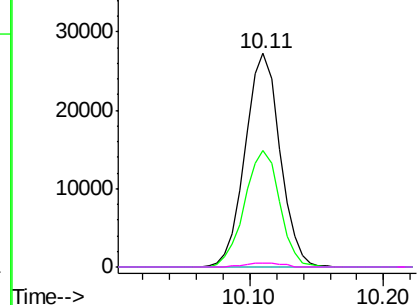
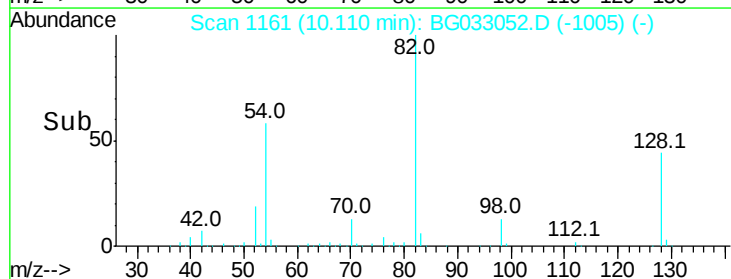
42 54.4 49.1 73.7

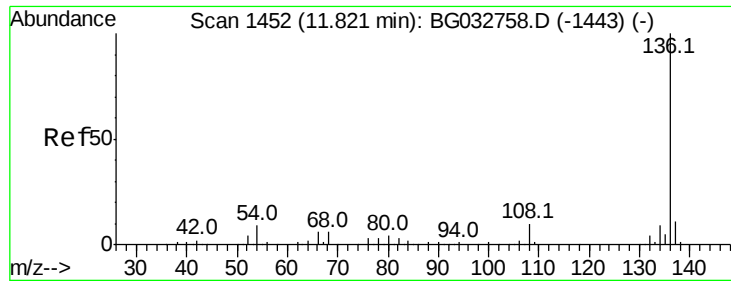
101 0.0 8.5 12.7#

130 2.0 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

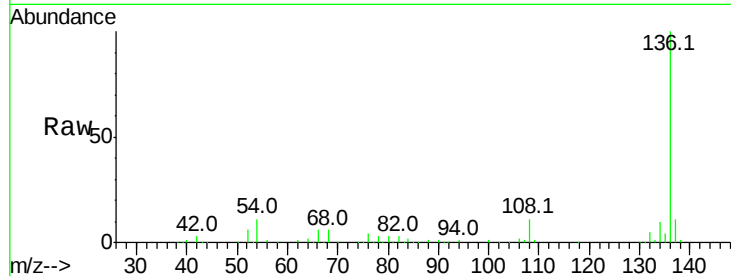




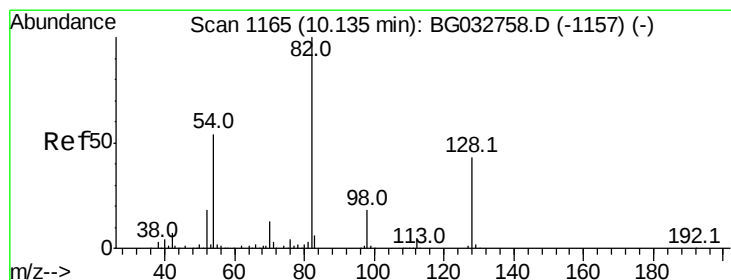
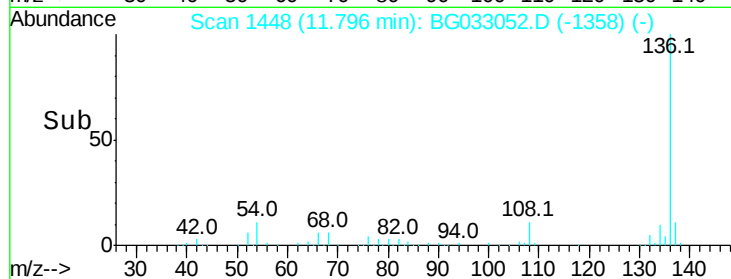
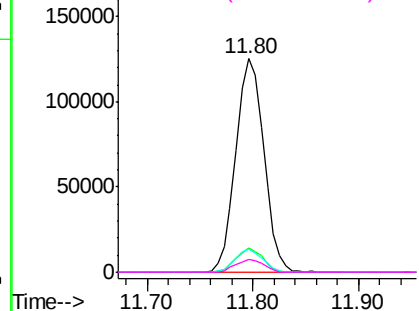
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033052.D
Acq: 8 Mar 2018 22:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	229923
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	10.6	10.3	15.5
68	6.1	4.5	6.7

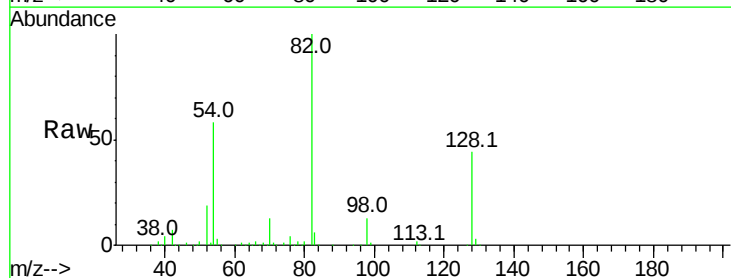


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

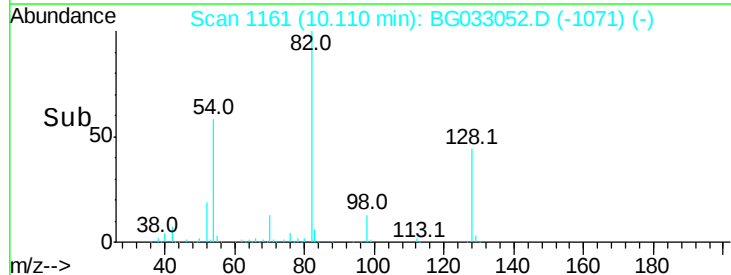
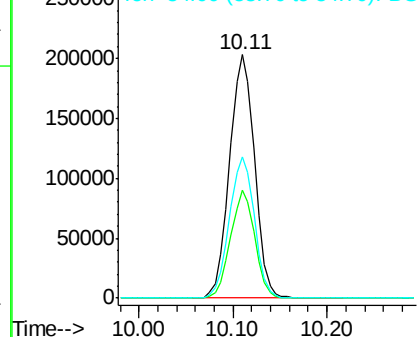


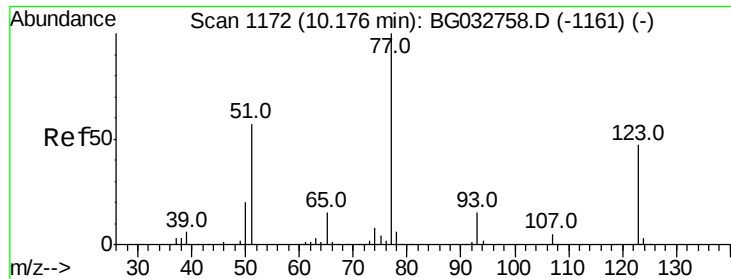
#23
Nitrobenzene-d5
Concen: 110.047 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033052.D
Acq: 8 Mar 2018 22:17

Tgt Ion:	82	Resp:	375567
Ion	Ratio	Lower	Upper
82	100		
128	44.2	29.7	44.5
54	58.1	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

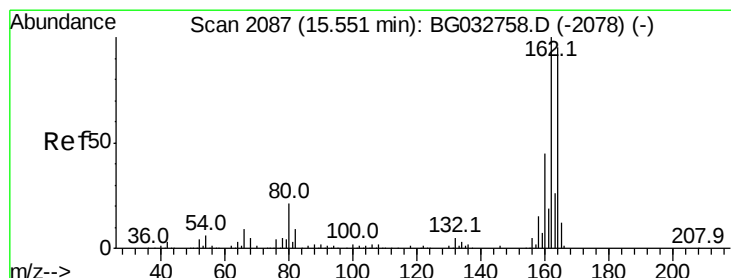
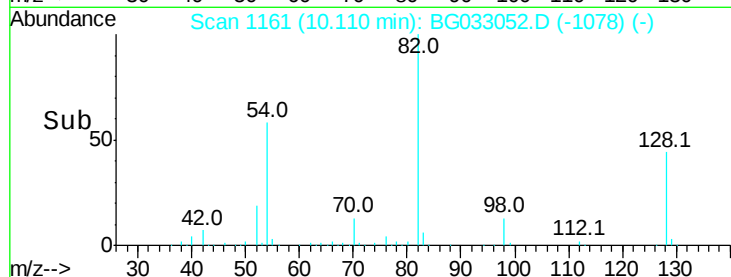
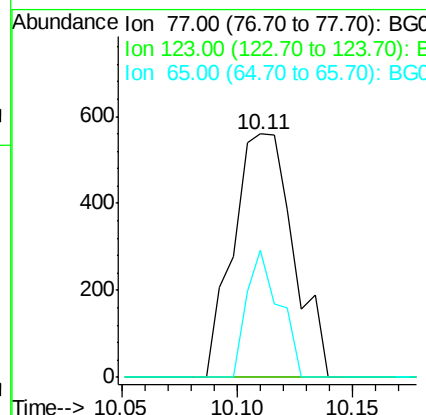
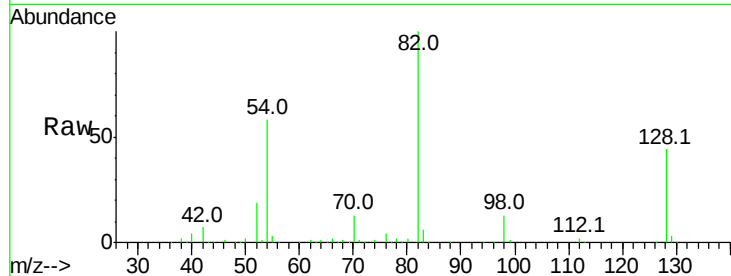




#24
 Nitrobenzene
 Concen: 6.620 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.04 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

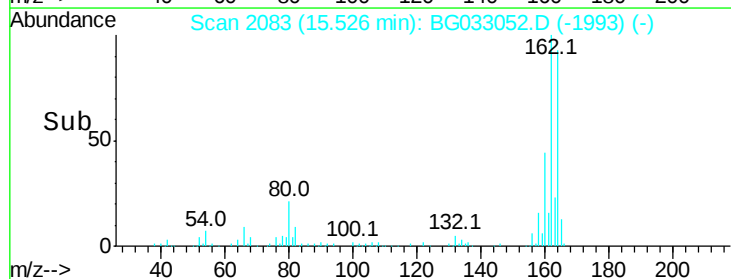
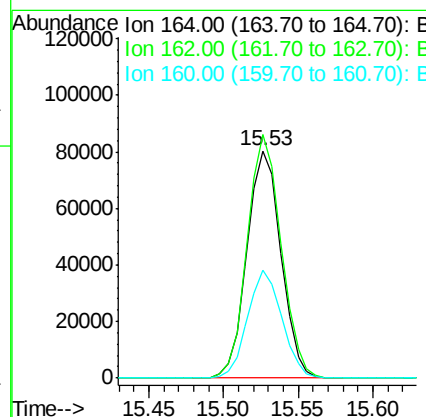
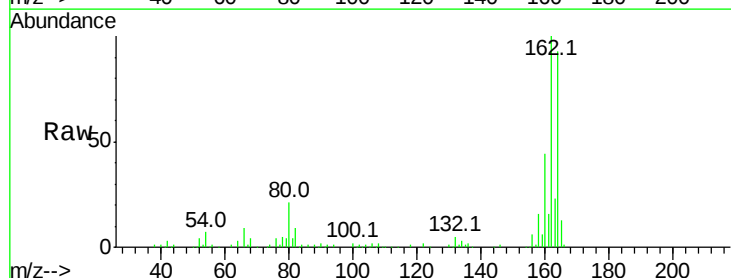
Instrument :
 BNA_G
 ClientSampled :

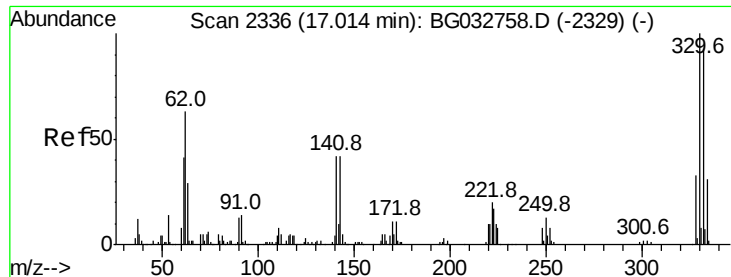
Tot Ion: 77 Resp: 1013
 Ion Ratio Lower Upper
 77 100
 123 0.0 33.0 49.6#
 65 52.3 13.0 19.6#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

Tgt Ion:164 Resp: 126169
 Ion Ratio Lower Upper
 164 100
 162 107.3 78.8 118.2
 160 47.6 35.4 53.0

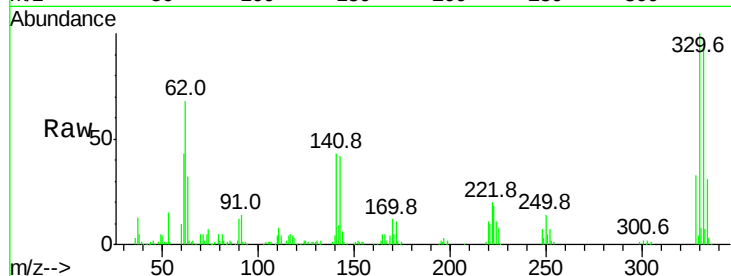




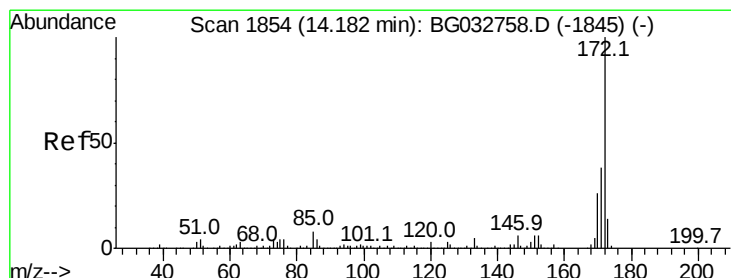
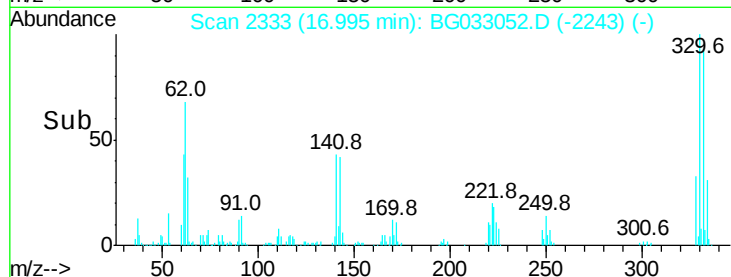
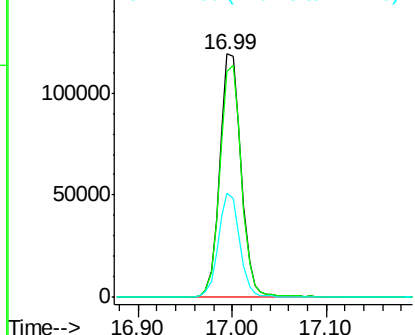
#41
 2,4,6-Tribromophenol
 Concen: 143.172 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 189936
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 42.9 25.2 37.8#

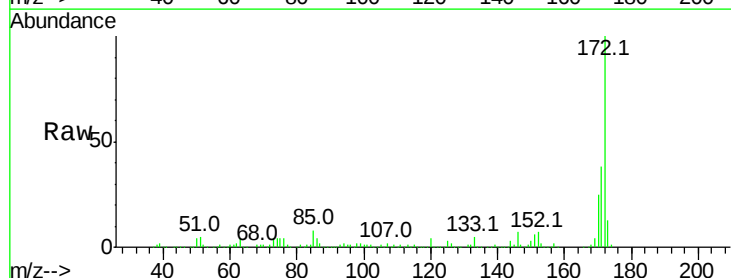


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

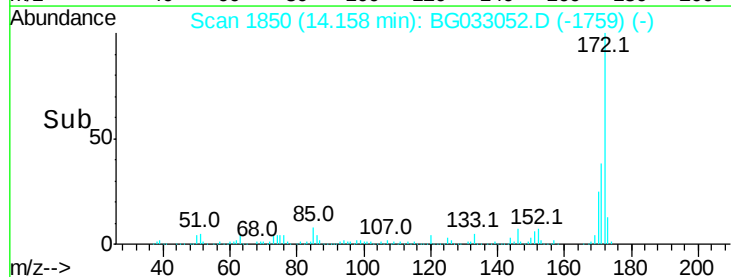
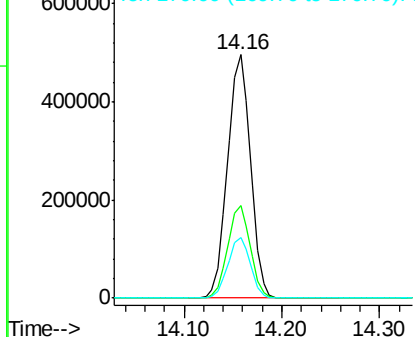


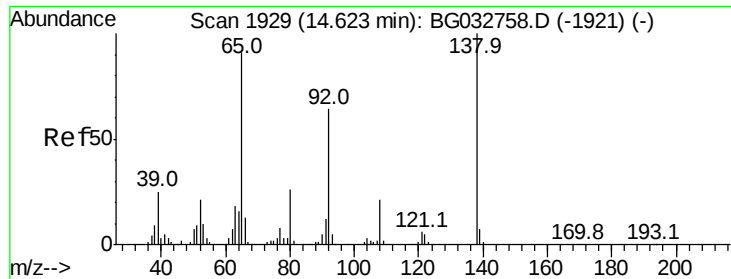
#44
 2-Fluorobiphenyl
 Concen: 92.339 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

Tgt Ion:172 Resp: 807790
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 24.9 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





#47

2-Nitroaniline

Concen: 10.454 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.46 min

Lab File: BG033052.D

Acq: 8 Mar 2018 22:17

Instrument :

BNA_G

ClientSampled :

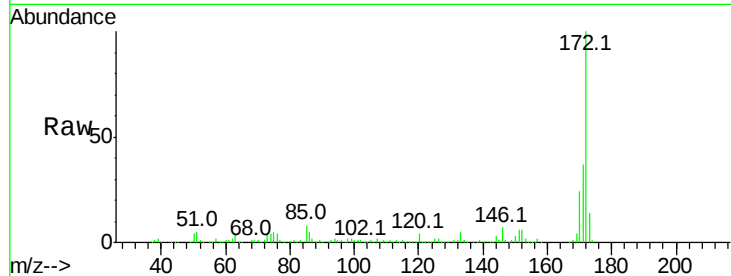
Tot Ion: 65 Resp: 1614

Ion Ratio Lower Upper

65 100

92 139.0 54.6 82.0#

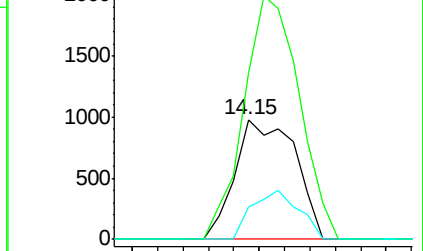
138 27.1 72.9 109.3#



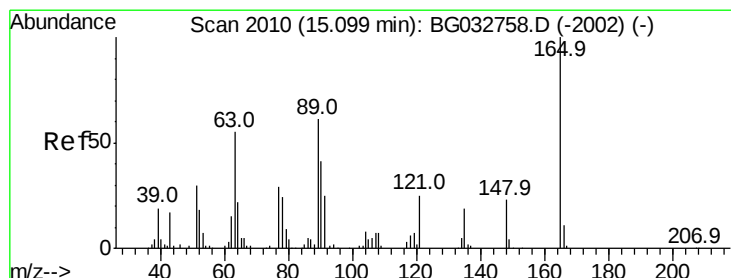
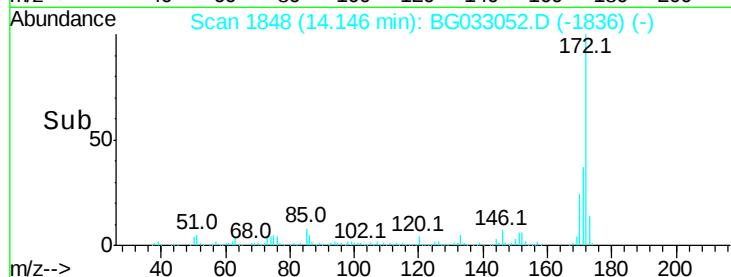
Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



Time--> 14.10 14.15 14.20



#50

2,6-Dinitrotoluene

Concen: 16.325 ng

RT: 15.53 min Scan# 2083

Delta R.T. 0.45 min

Lab File: BG033052.D

Acq: 8 Mar 2018 22:17

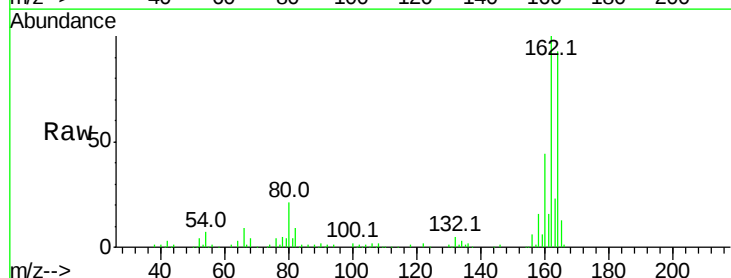
Tgt Ion:165 Resp: 16165

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

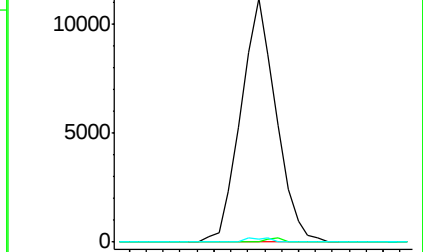
89 1.4 49.2 73.8#



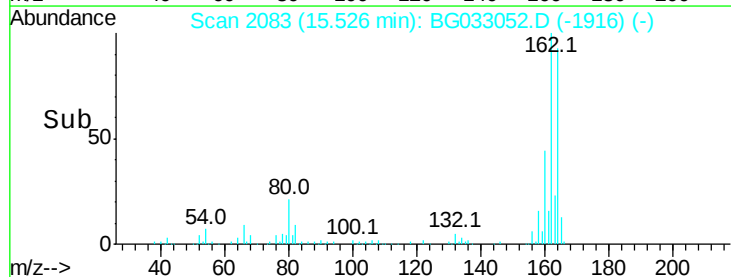
Abundance Ion 165.00 (164.70 to 165.70): BGC

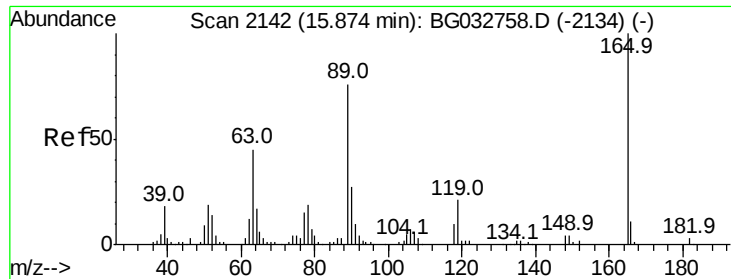
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



Time--> 15.45 15.50 15.55 15.60

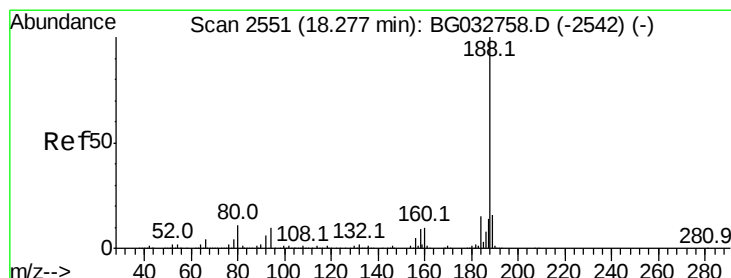
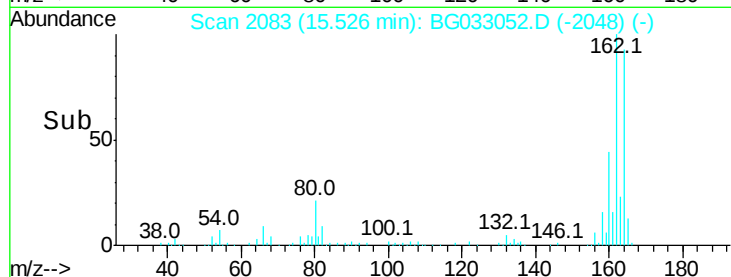
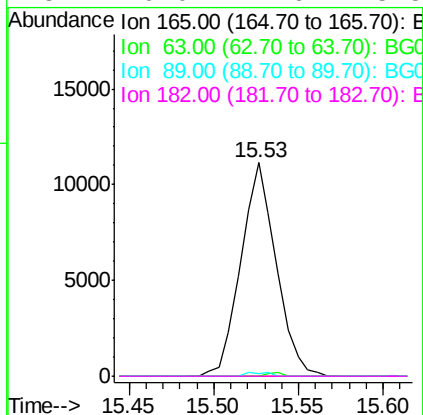
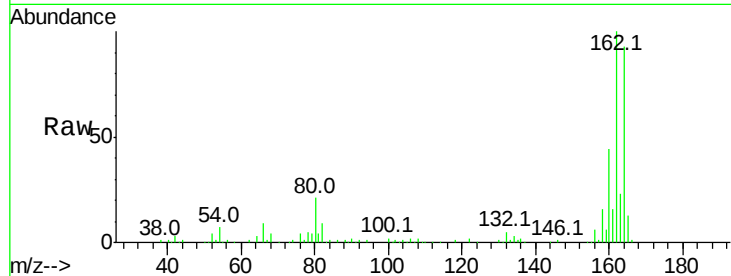




#56
 2,4-Dinitrotoluene
 Concen: 14.522 ng
 RT: 15.53 min Scan# 2083
 Delta R.T. -0.32 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

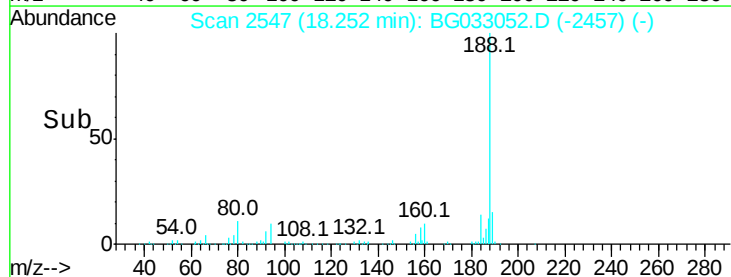
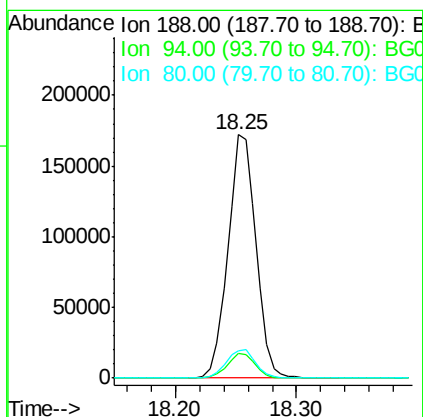
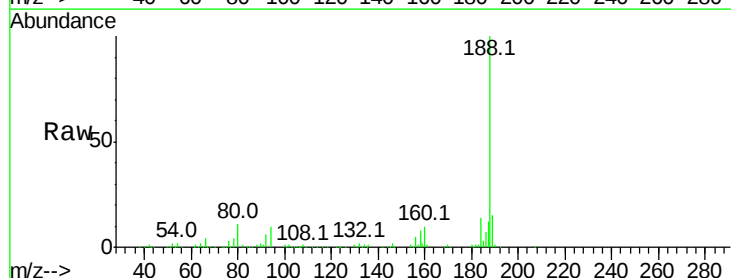
Instrument :
 BNA_G
 ClientSampleId :

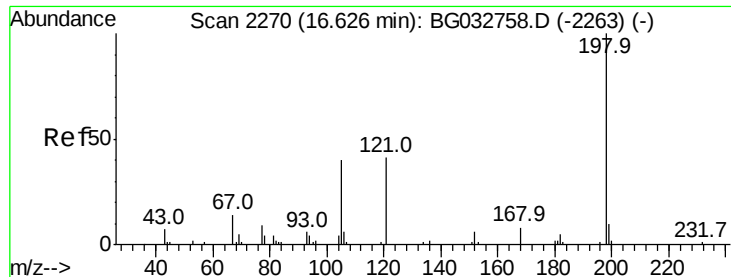
Tot Ion:	165	Resp:	16165
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

Tgt Ion:	188	Resp:	276930
Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.9	10.3
80	11.3	7.7	11.5

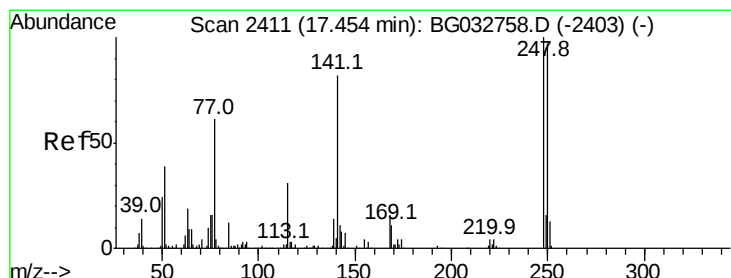
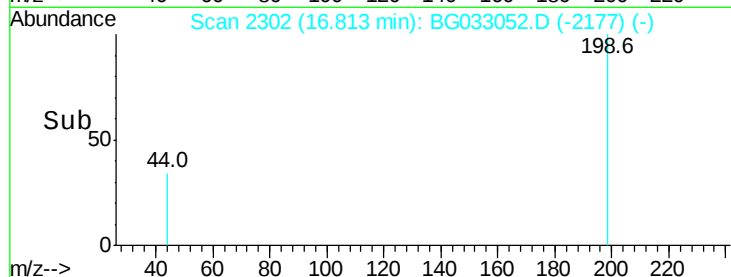
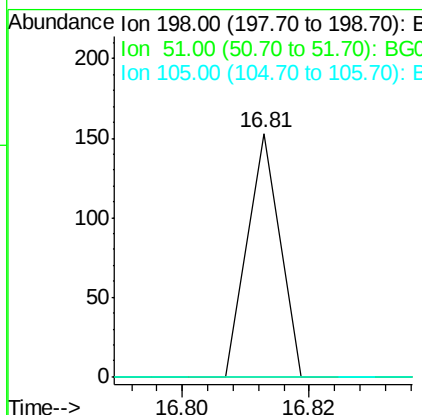
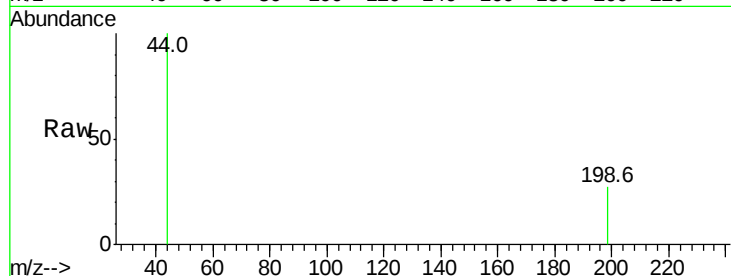




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.030 ng
 RT: 16.81 min Scan# 2302
 Delta R.T. 0.20 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

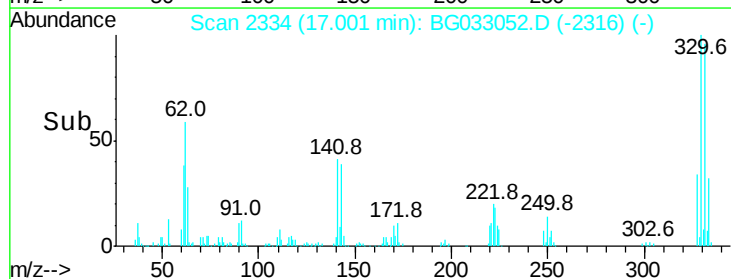
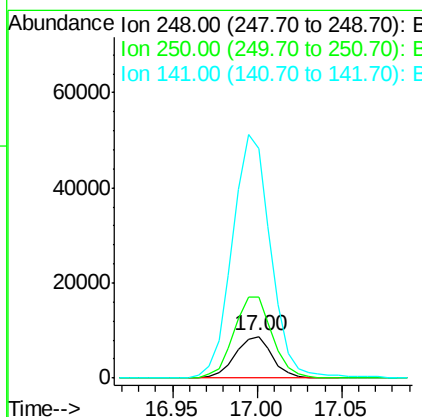
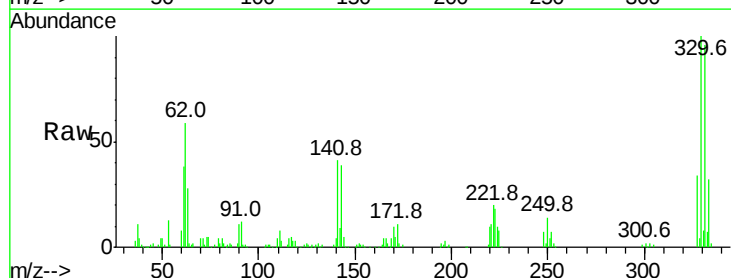
Instrument :
 BNA_G
 ClientSampleId :

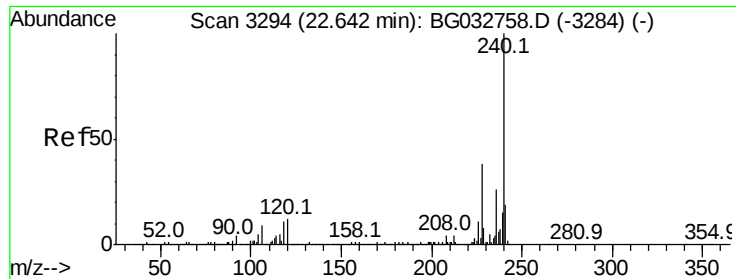
Tot Ion:198 Resp: 54
 Ion Ratio Lower Upper
 198 100
 51 0.0 30.6 70.6#
 105 0.0 23.8 63.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.533 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.42 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

Tgt Ion:248 Resp: 13275
 Ion Ratio Lower Upper
 248 100
 250 194.5 77.1 115.7#
 141 550.8 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3289

Delta R.T. -0.00 min

Lab File: BG033052.D

Acq: 8 Mar 2018 22:17

Instrument :

BNA_G

ClientSampleId :

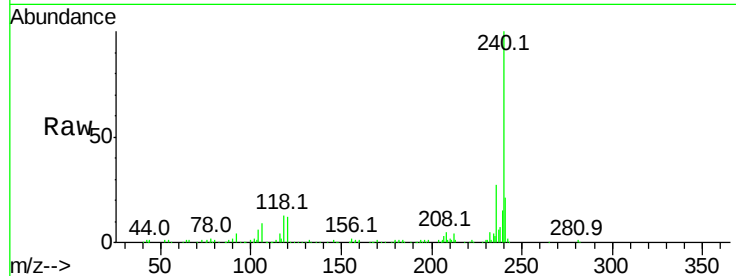
Tot Ion:240 Resp: 260140

Ion Ratio Lower Upper

240 100

120 12.4 6.8 10.2#

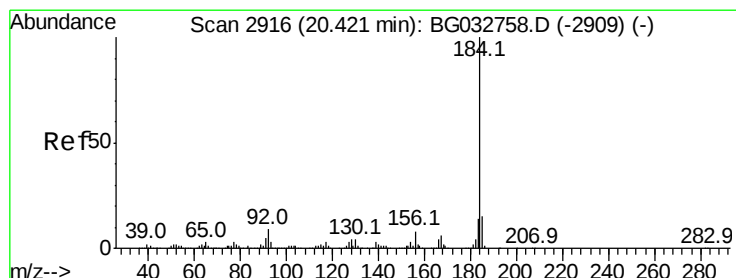
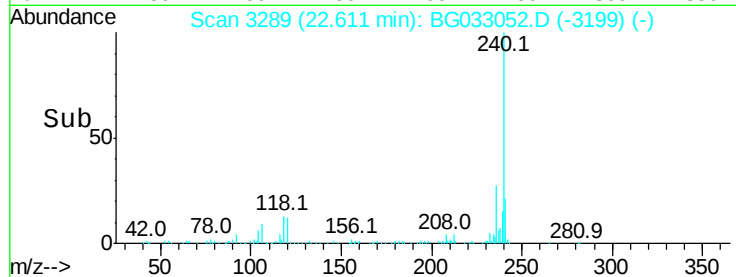
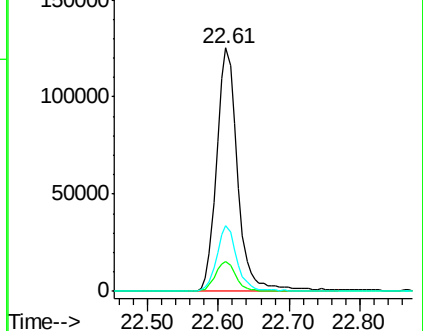
236 27.2 20.9 31.3



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: 2.219 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.37 min

Lab File: BG033052.D

Acq: 8 Mar 2018 22:17

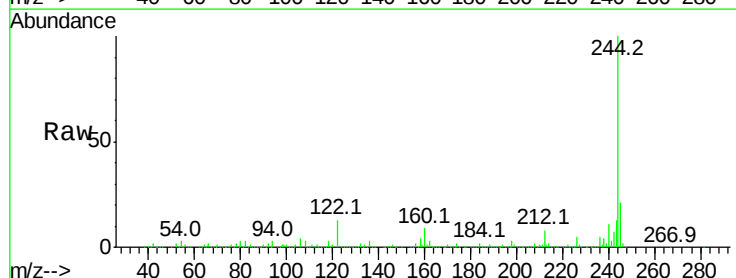
Tgt Ion:184 Resp: 19678

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

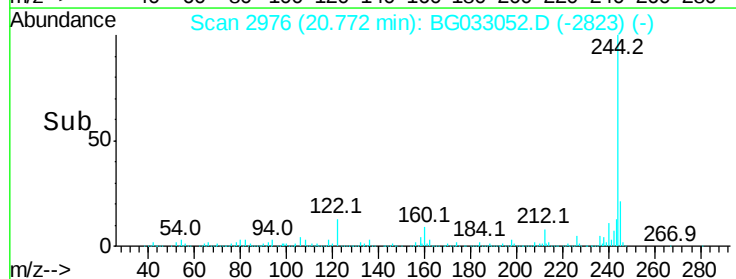
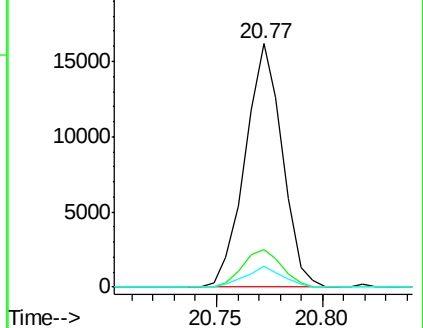
183 8.6 10.6 16.0#

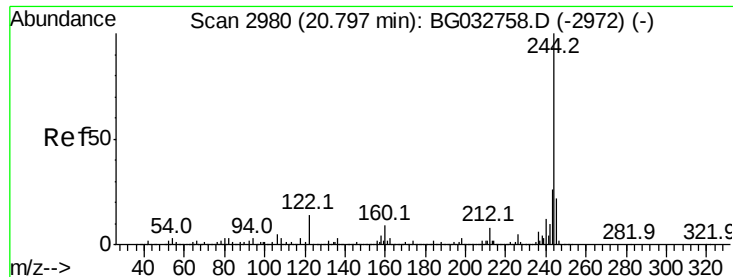


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

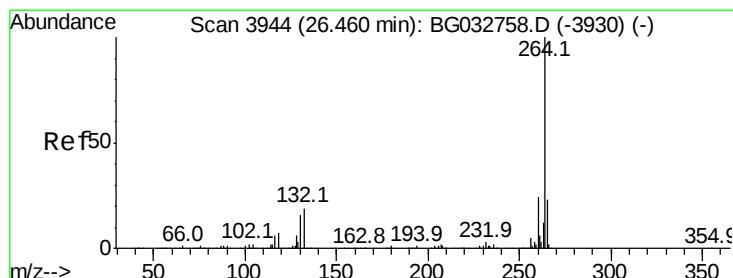
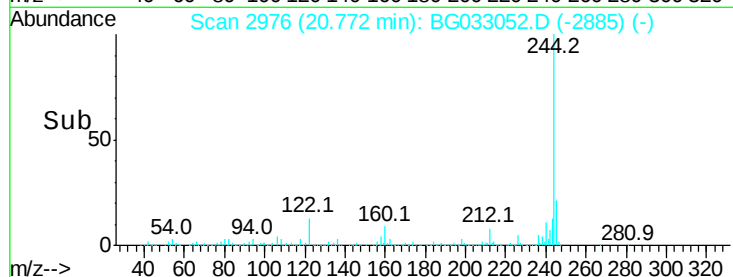
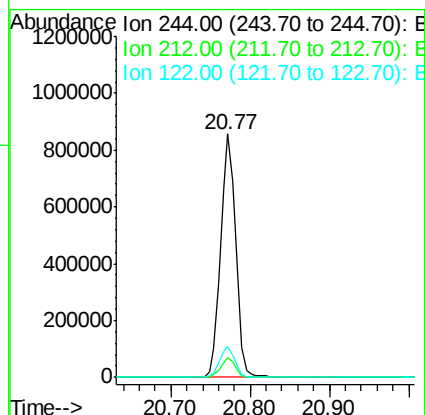
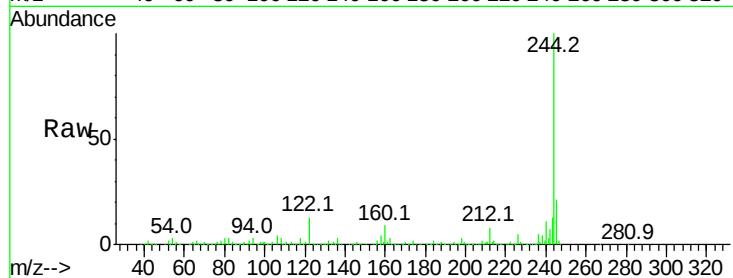




#78
 Terphenyl-d14
 Concen: 97.670 ng
 RT: 20.77 min Scan# 2976
 Delta R.T. 0.00 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1130886
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.8
 122 12.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3937
 Delta R.T. 0.01 min
 Lab File: BG033052.D
 Acq: 8 Mar 2018 22:17

Tgt Ion:264 Resp: 245802
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 20.5 17.7 26.5

