

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033078.D
 Acq On : 9 Mar 2018 18:45
 Operator : SJ/JU
 Sample : J1855-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 23:30:40 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

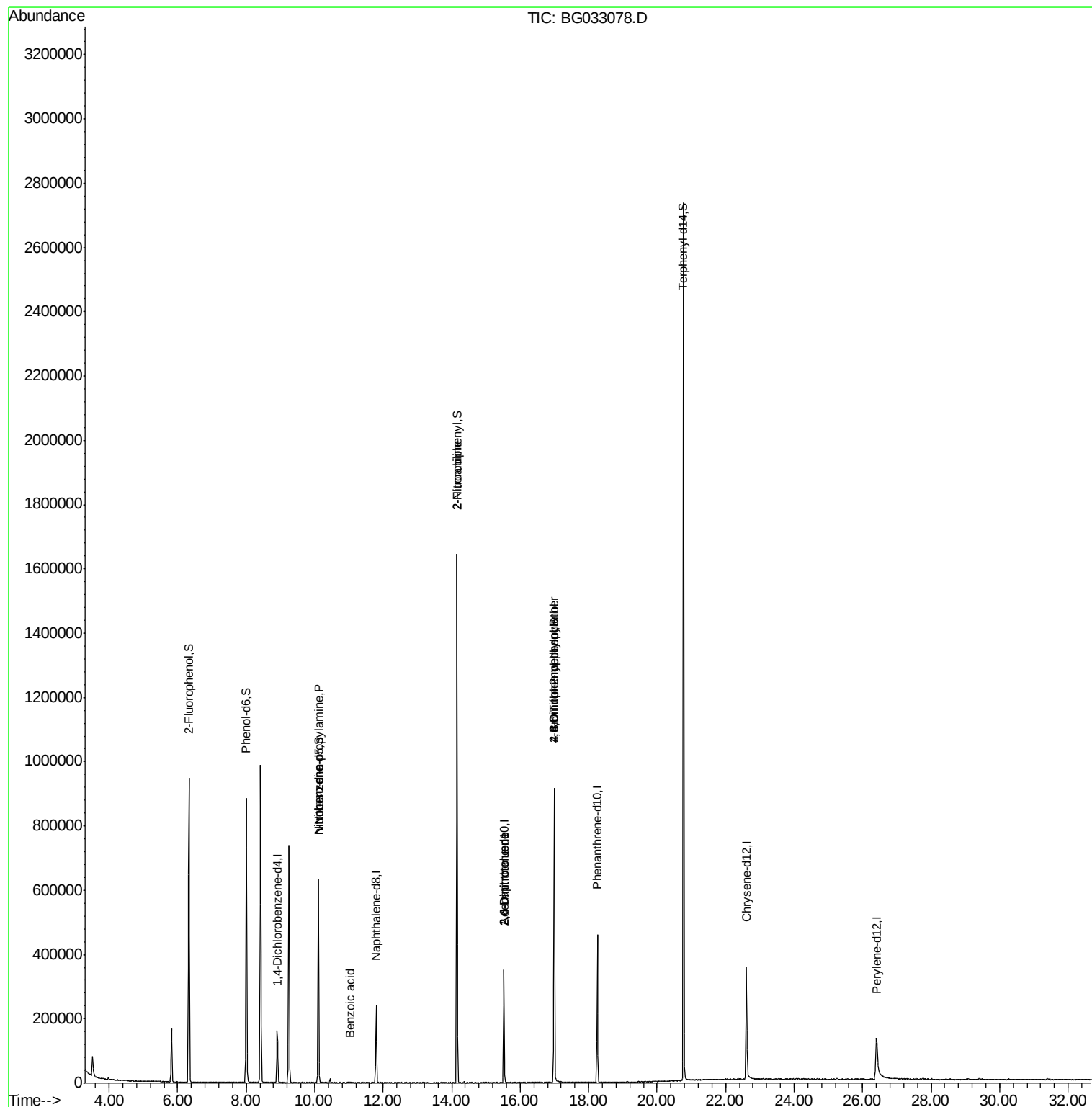
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	48560	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	212632	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	120177	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	280703	20.00	ng	0.00
75) Chrysene-d12	22.61	240	263046	20.00	ng	0.00
86) Perylene-d12	26.41	264	202199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	425040	140.03	ng	0.00
7) Phenol-d6	8.01	99	522933	123.60	ng	0.00
23) Nitrobenzene-d5	10.11	82	394362	123.61	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	171242	135.52	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	838432	100.62	ng	0.00
78) Terphenyl-d14	20.77	244	1291032	110.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.11	70	51352	17.193	ng	# 88
24) Nitrobenzene	10.11	77	1217	6.692	ng	# 39
32) Benzoic acid	11.03	122	114	5.884	ng	# 40
47) 2-Nitroaniline	14.15	65	1559	10.462	ng	# 1
50) 2,6-Dinitrotoluene	15.52	165	15653	16.448	ng	# 21
56) 2,4-Dinitrotoluene	15.52	165	15653	14.646	ng	# 19
64) 4,6-Dinitro-2-methylphenol	17.00	198	370	5.509	ng	# 1
66) 4-Bromophenyl-phenylether	17.00	248	12155	4.095	ng	# 1

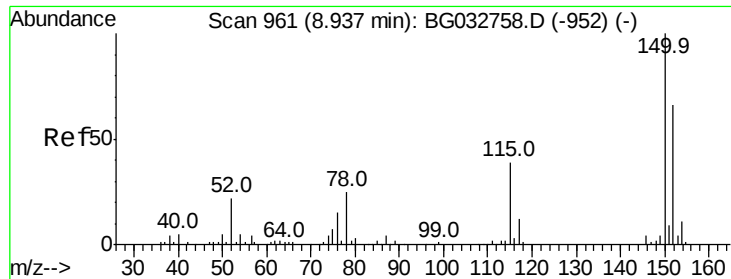
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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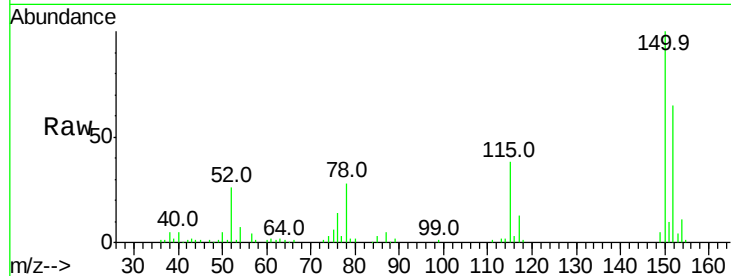


#1

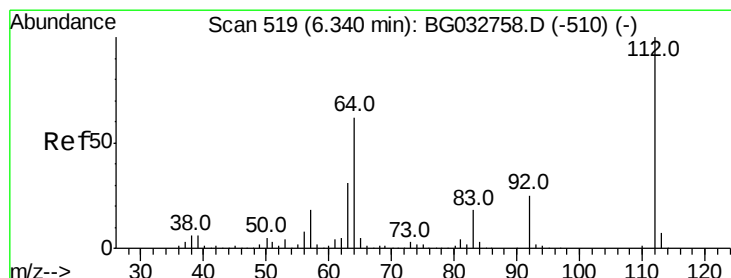
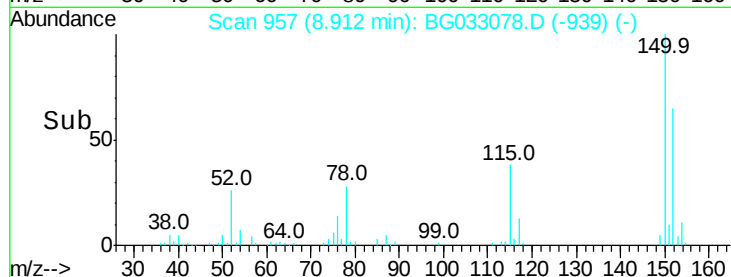
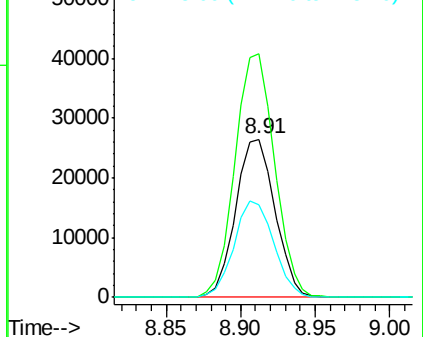
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033078.D
Acq: 9 Mar 2018 18:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 48560
Ion Ratio Lower Upper
152 100
150 154.2 126.6 189.8
115 58.4 53.0 79.4



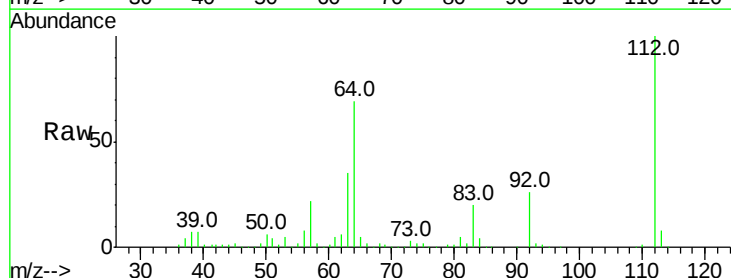
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



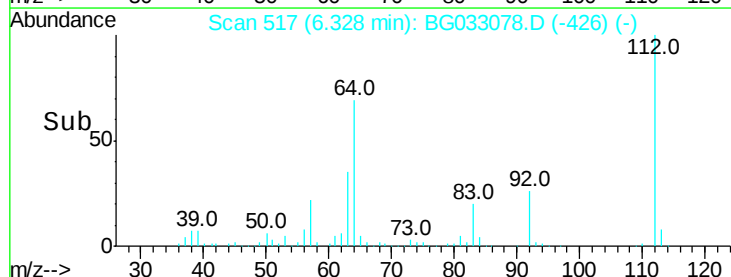
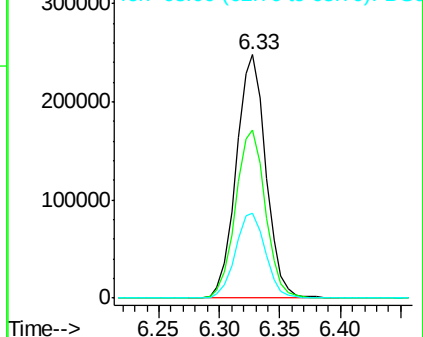
#5

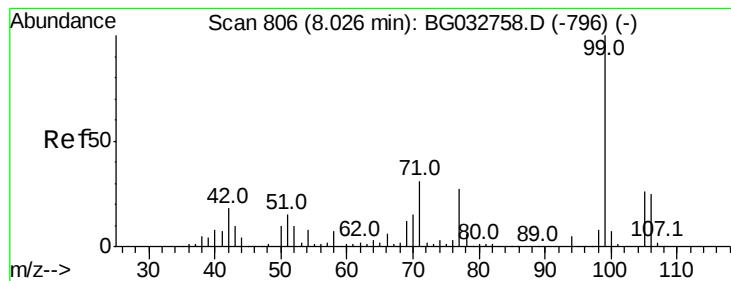
2-Fluorophenol
Concen: 140.033 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.00 min
Lab File: BG033078.D
Acq: 9 Mar 2018 18:45

Tgt Ion:112 Resp: 425040
Ion Ratio Lower Upper
112 100
64 68.9 56.3 84.5
63 34.9 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: 123.603 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033078.D

Acq: 9 Mar 2018 18:45

Instrument :

BNA_G

ClientSampleId :

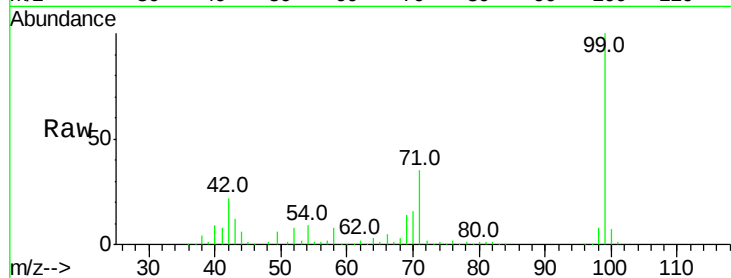
Tot Ion: 99 Resp: 522933

Ion Ratio Lower Upper

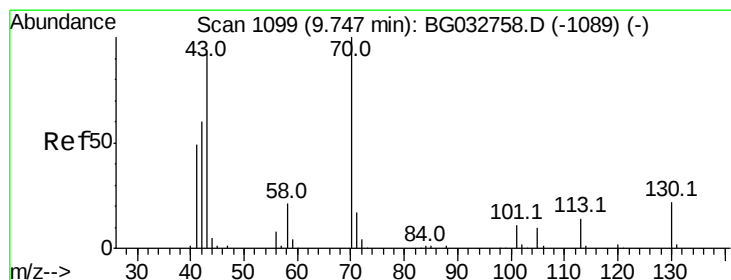
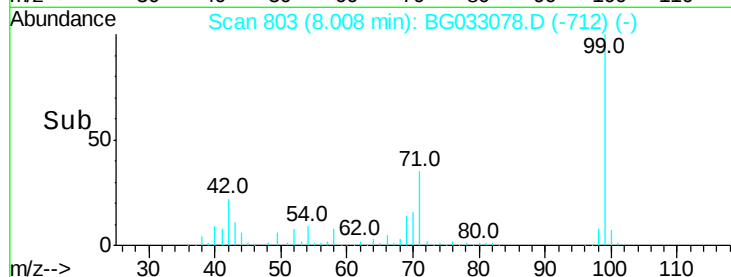
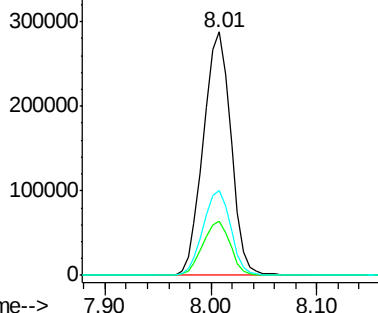
99 100

42 22.3 14.1 21.1#

71 34.7 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: 17.193 ng

RT: 10.11 min Scan# 1161

Delta R.T. 0.39 min

Lab File: BG033078.D

Acq: 9 Mar 2018 18:45

Tgt Ion: 70 Resp: 51352

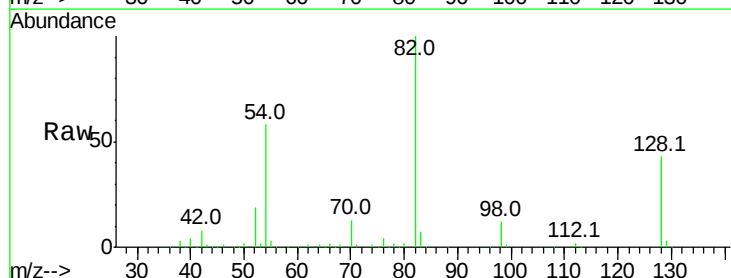
Ion Ratio Lower Upper

70 100

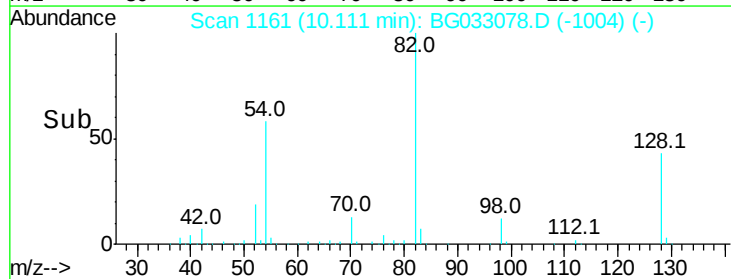
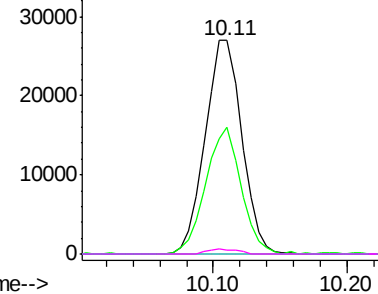
42 59.1 49.1 73.7

101 0.0 8.5 12.7#

130 1.9 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

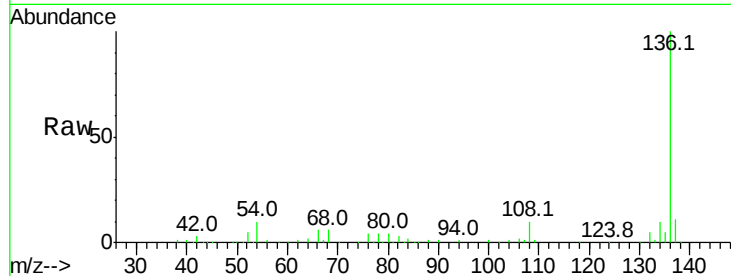




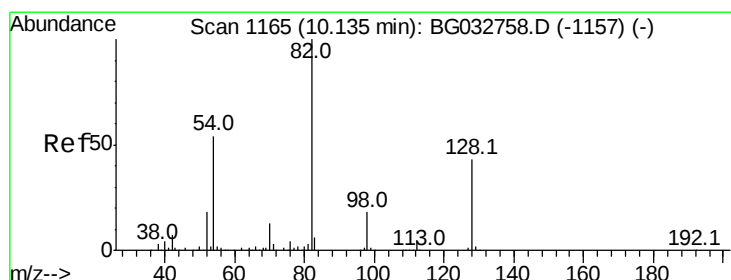
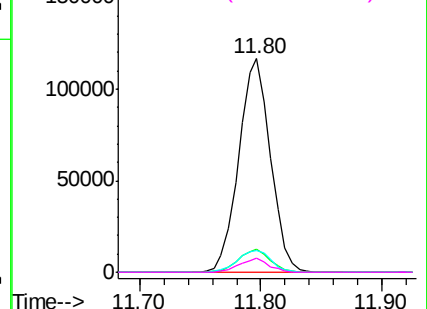
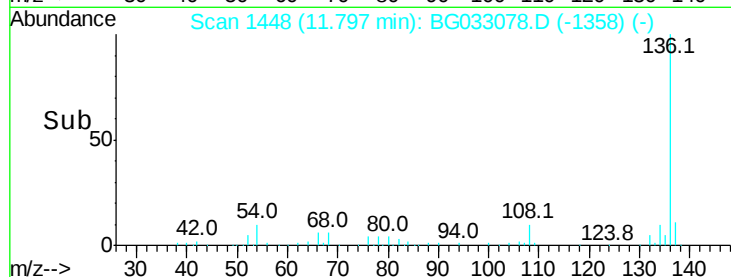
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BG033078.D
Acq: 9 Mar 2018 18:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	212632
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	10.2	10.3	15.5
68	6.5	4.5	6.7

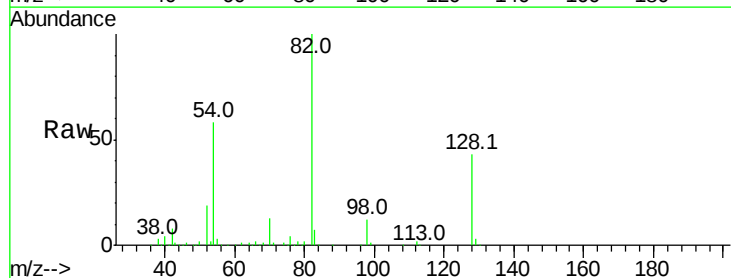


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

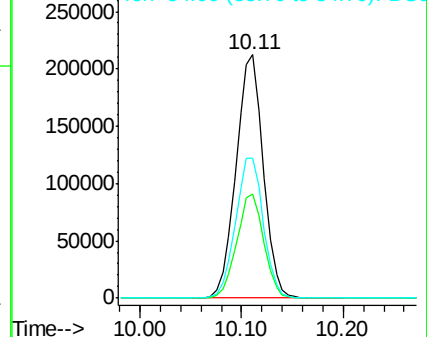
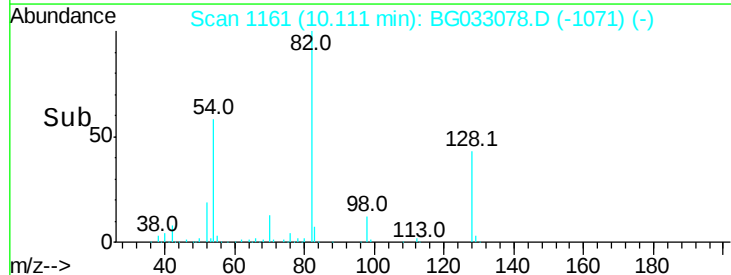


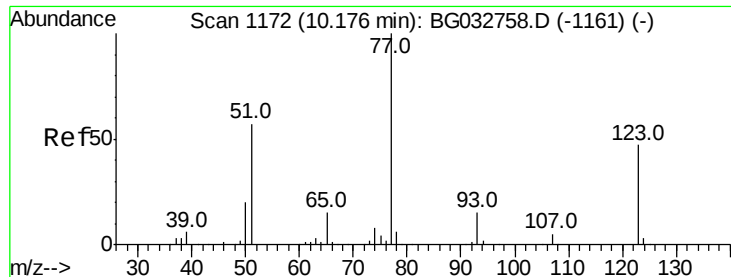
#23
Nitrobenzene-d5
Concen: 123.608 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BG033078.D
Acq: 9 Mar 2018 18:45

Tgt Ion:	82	Resp:	394362
Ion	Ratio	Lower	Upper
82	100		
128	42.8	29.7	44.5
54	57.6	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: 6.692 ng

RT: 10.11 min Scan# 1161

Delta R.T. -0.04 min

Lab File: BG033078.D

Acq: 9 Mar 2018 18:45

Instrument :

BNA_G

ClientSampleId :

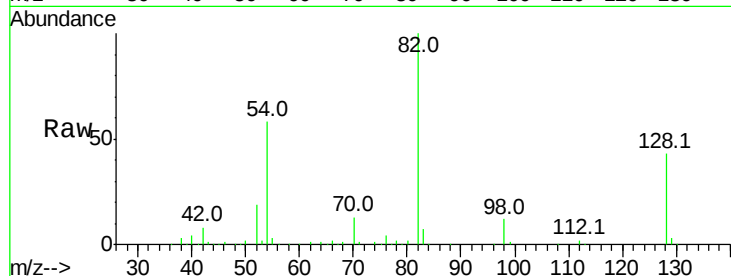
Tot Ion: 77 Resp: 1217

Ion Ratio Lower Upper

77 100

123 0.0 33.0 49.6#

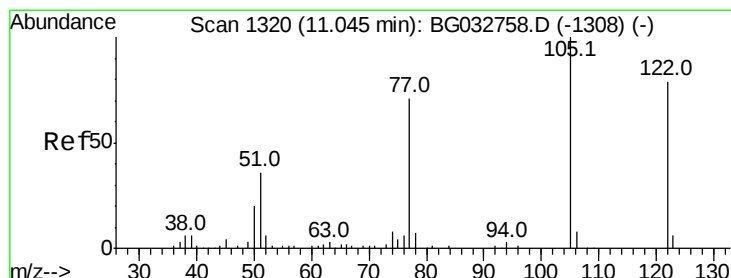
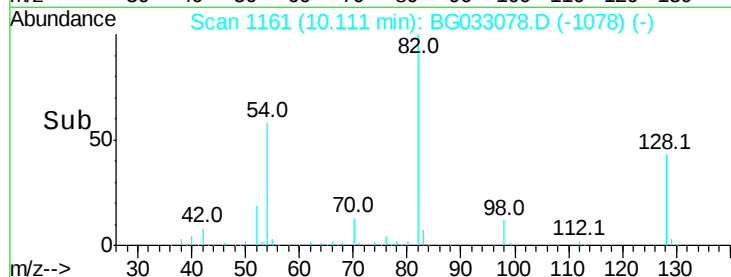
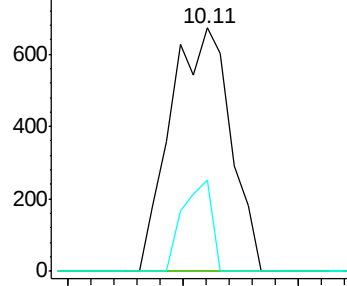
65 37.5 13.0 19.6#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



#32

Benzoic acid

Concen: 5.884 ng

RT: 11.03 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BG033078.D

Acq: 9 Mar 2018 18:45

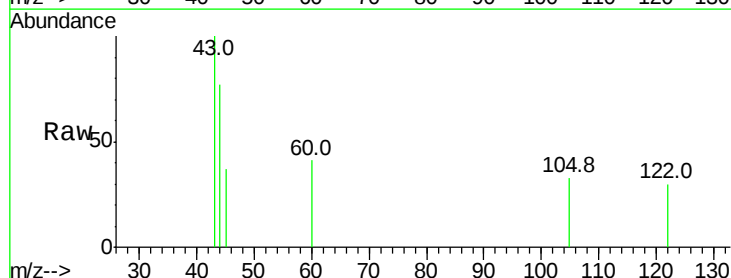
Tgt Ion: 122 Resp: 114

Ion Ratio Lower Upper

122 100

105 108.4 123.5 163.5#

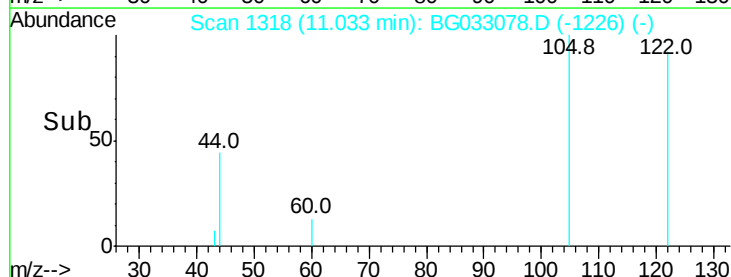
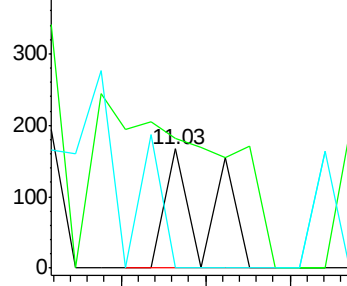
77 0.0 85.7 125.7#

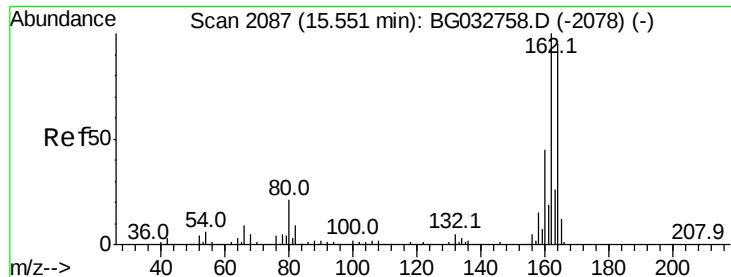


Abundance Ion 122.00 (121.70 to 122.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.00 min

Lab File: BG033078.D

Acq: 9 Mar 2018 18:45

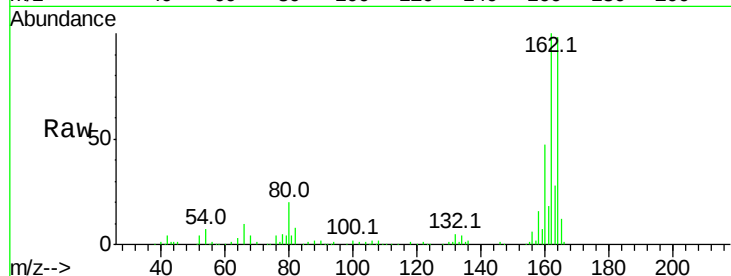
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 120177

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	47.9	35.4	53.0

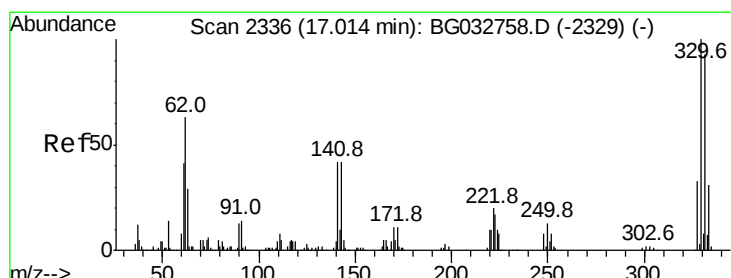
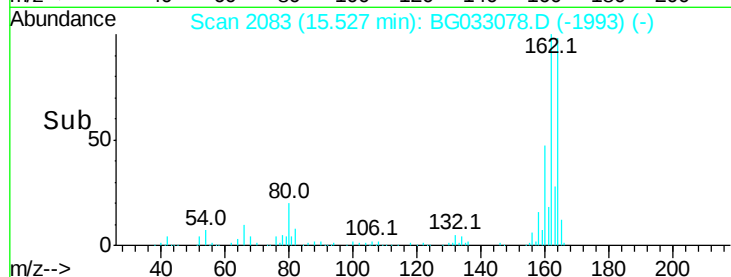
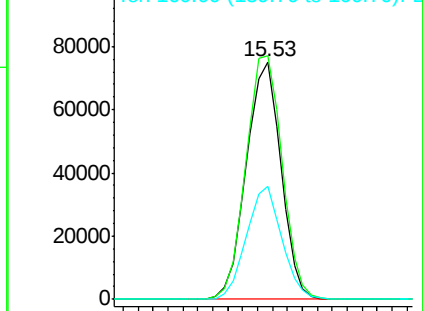


Abundance

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: 135.517 ng

RT: 17.00 min Scan# 2333

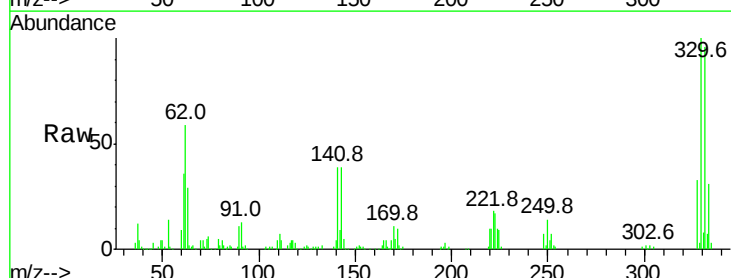
Delta R.T. -0.00 min

Lab File: BG033078.D

Acq: 9 Mar 2018 18:45

Tgt Ion:330 Resp: 171242

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	42.4	25.2	37.8#

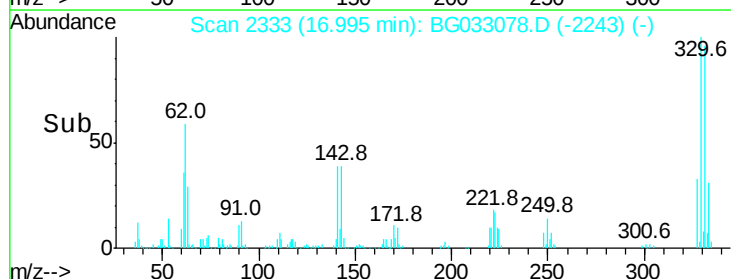
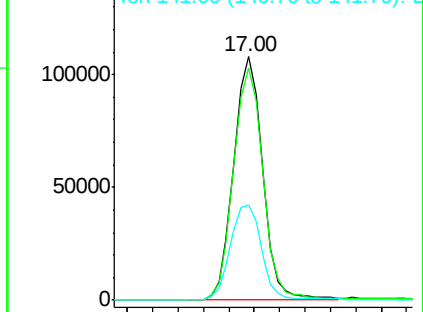


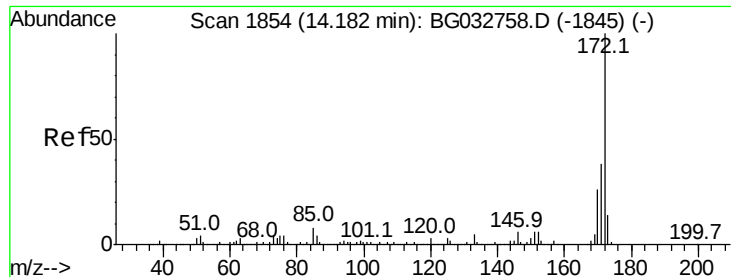
Abundance

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

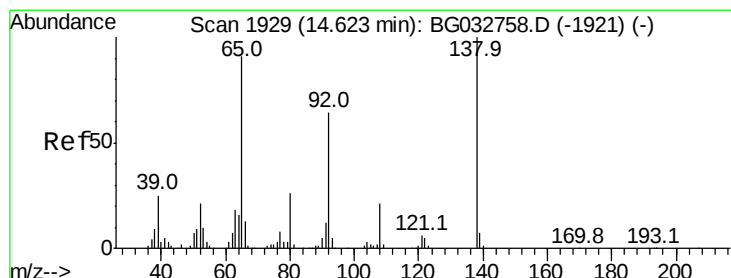
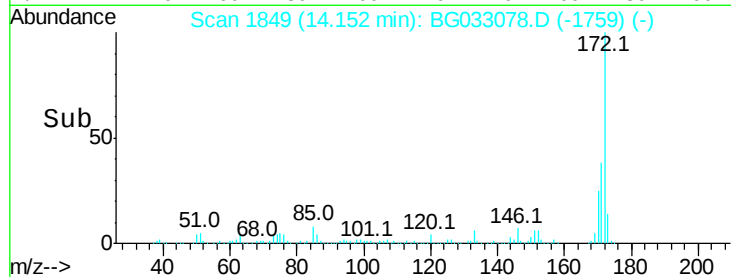
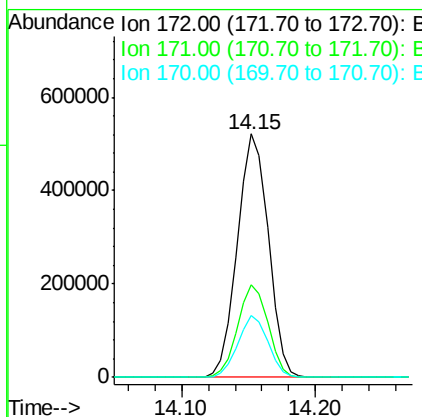
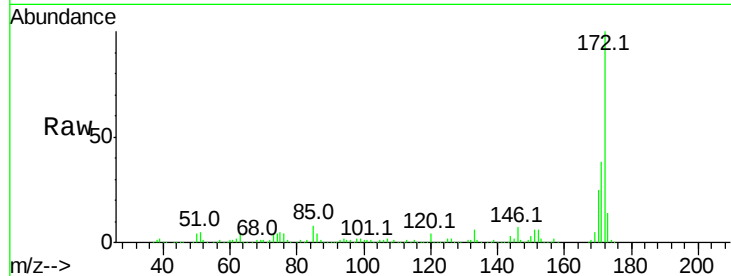




#44
 2-Fluorobiphenyl
 Concen: 100.621 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

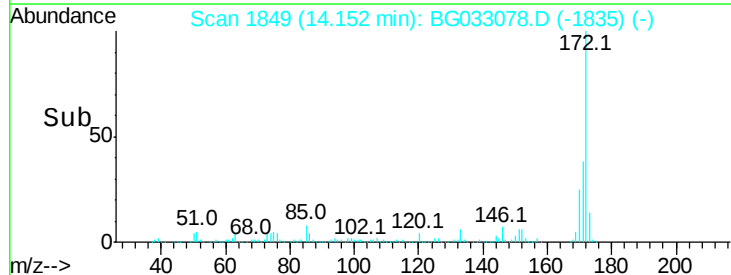
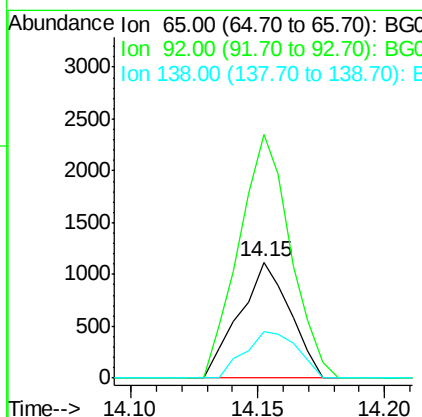
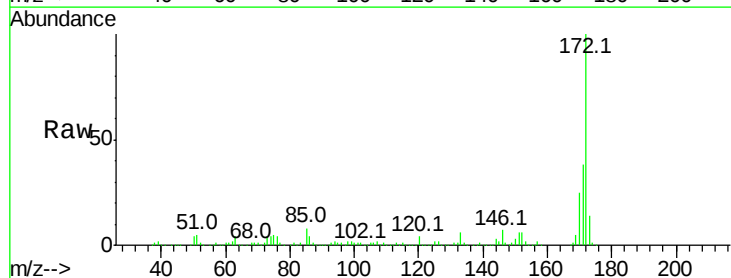
Instrument :
 BNA_G
 ClientSampleId :

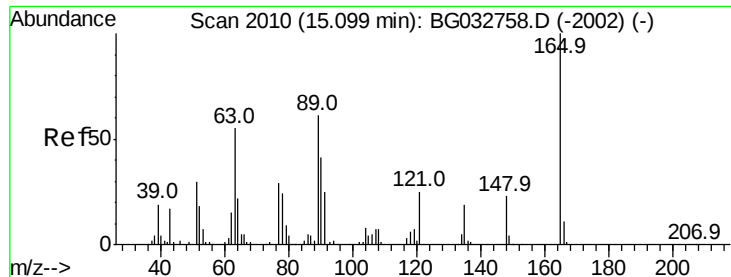
Tot Ion:172 Resp: 838432
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.0 45.0
 170 25.2 19.5 29.3



#47
 2-Nitroaniline
 Concen: 10.462 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. -0.45 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

Tgt Ion: 65 Resp: 1559
 Ion Ratio Lower Upper
 65 100
 92 210.3 54.6 82.0#
 138 40.5 72.9 109.3#

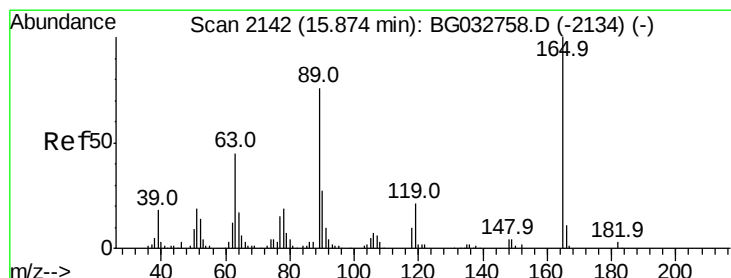
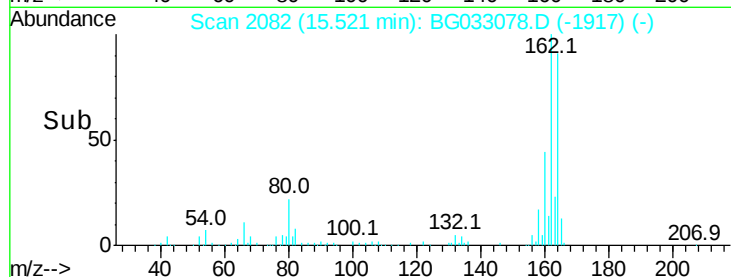
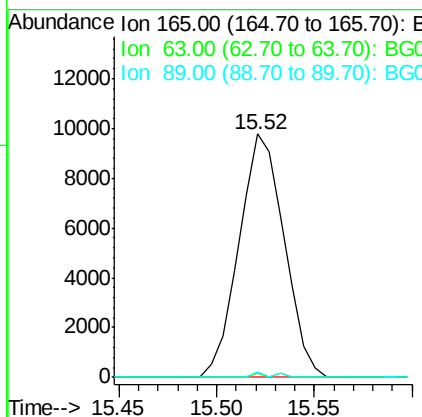
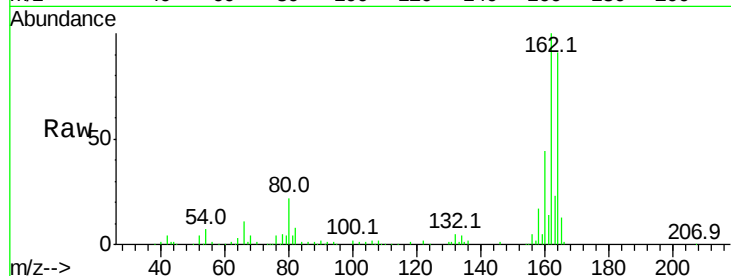




#50
 2,6-Dinitrotoluene
 Concen: 16.448 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. 0.44 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

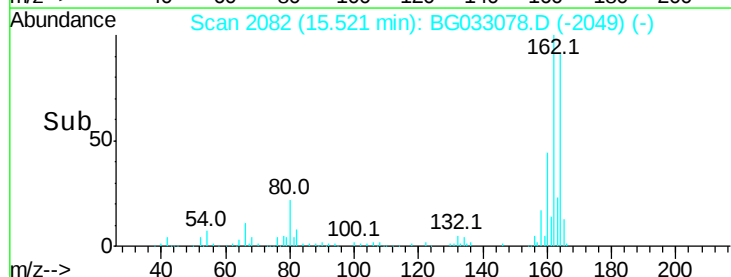
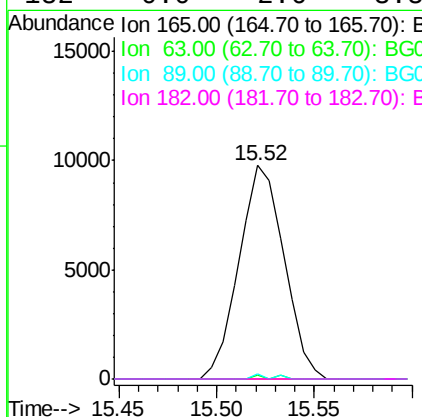
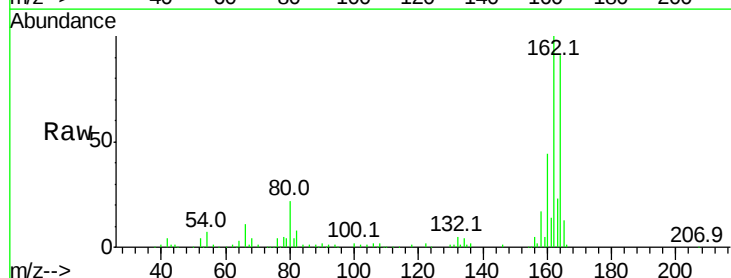
Instrument :
 BNA_G
 ClientSampleId :

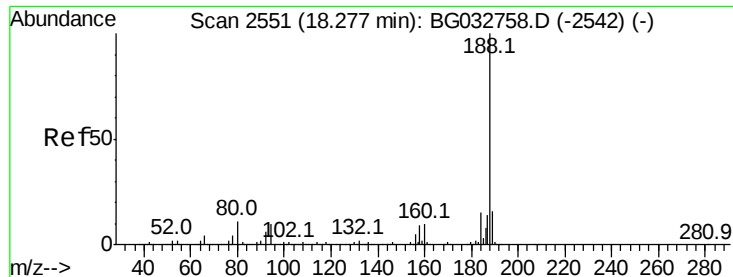
Tot Ion:165 Resp: 15653
 Ion Ratio Lower Upper
 165 100
 63 1.6 52.7 79.1#
 89 2.5 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 14.646 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.34 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

Tgt Ion:165 Resp: 15653
 Ion Ratio Lower Upper
 165 100
 63 1.6 42.0 63.0#
 89 2.5 66.9 100.3#
 182 0.0 2.6 3.8#

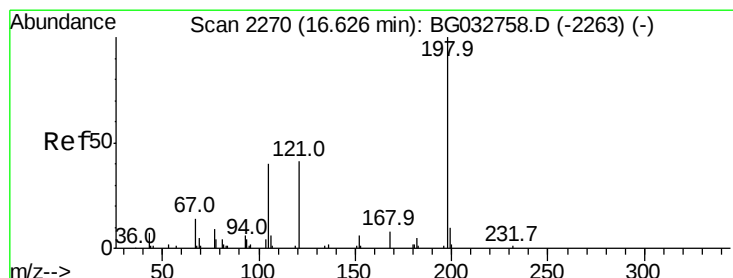
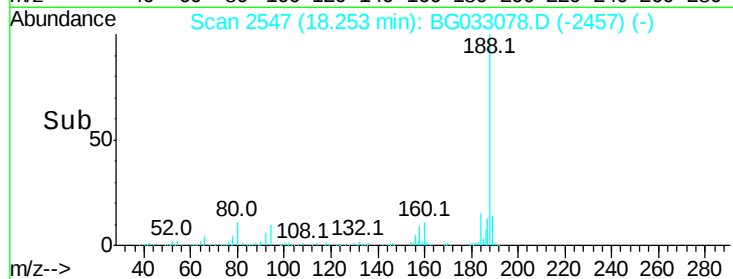
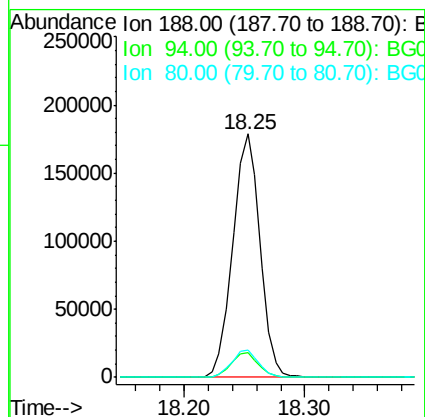
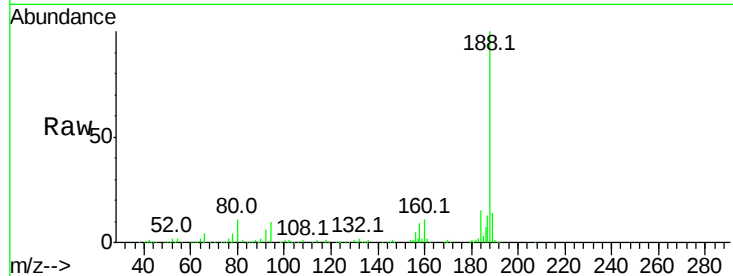




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. -0.00 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

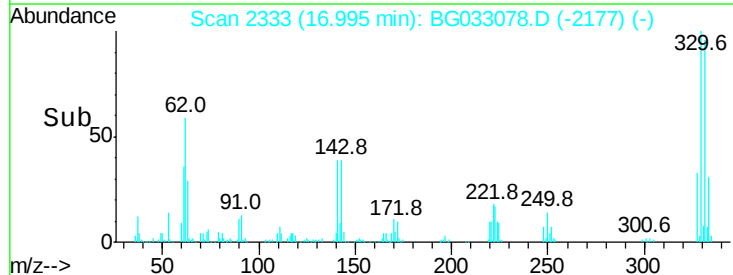
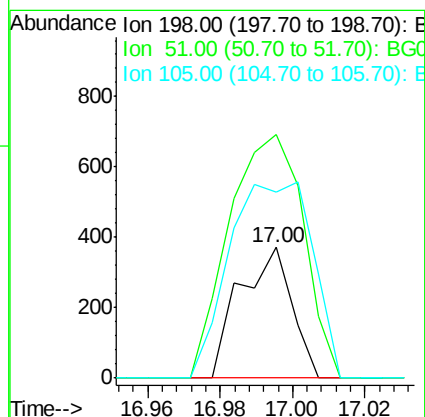
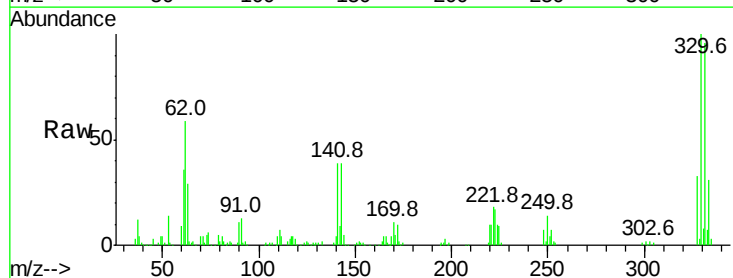
Instrument :
 BNA_G
 ClientSampleId :

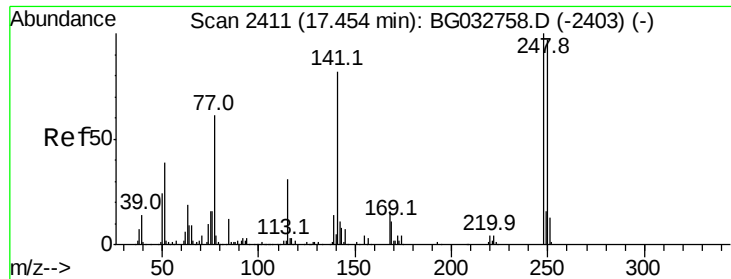
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	11.4	7.7	11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.509 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. 0.38 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

Tgt Ion	Ratio	Lower	Upper
198	100		
51	186.0	30.6	70.6#
105	141.9	23.8	63.8#

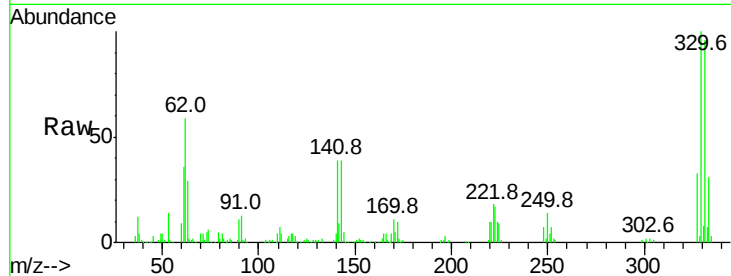




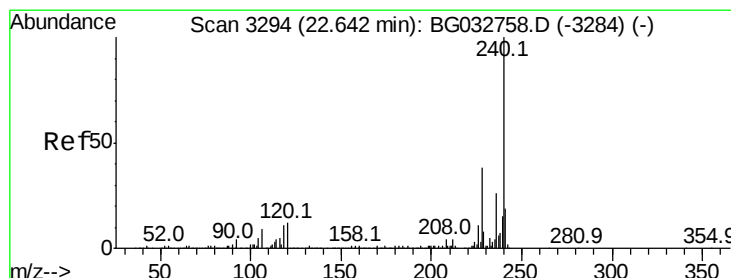
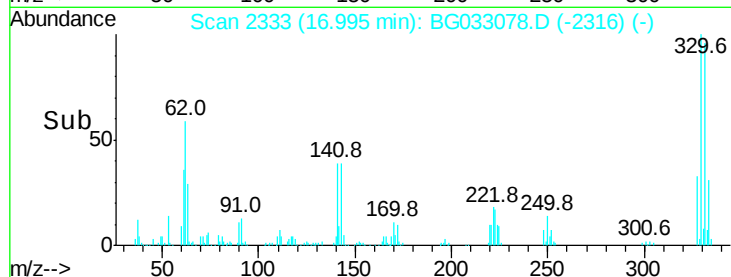
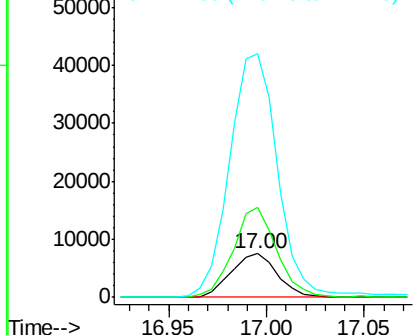
#66
4-Bromophenyl-phenylether
Concen: 4.095 ng
RT: 17.00 min Scan# 2333
Delta R.T. -0.43 min
Lab File: BG033078.D
Acq: 9 Mar 2018 18:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12155
Ion Ratio Lower Upper
248 100
250 205.0 77.1 115.7#
141 556.6 50.8 76.2#

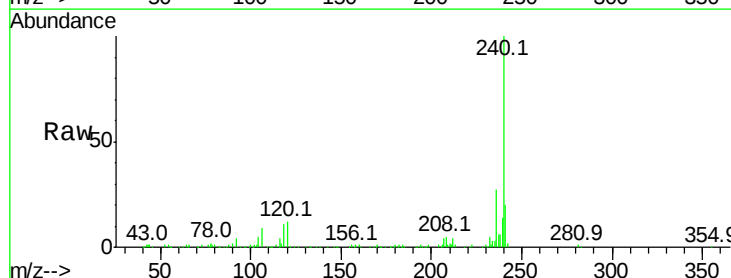


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

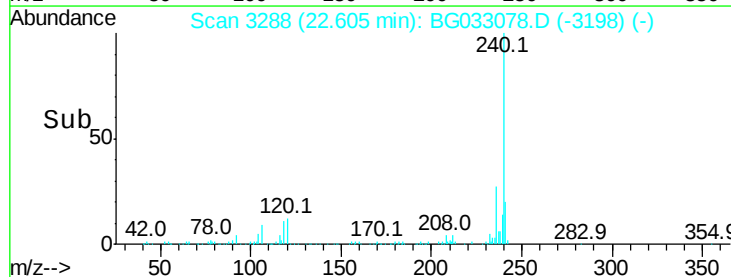
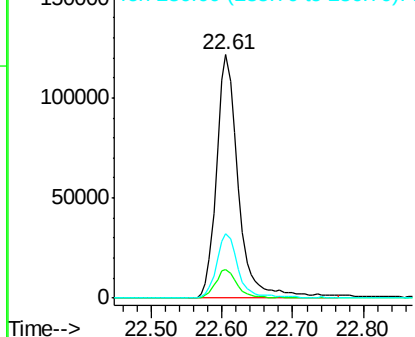


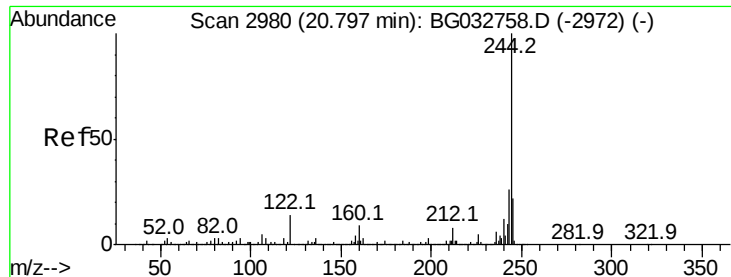
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033078.D
Acq: 9 Mar 2018 18:45

Tgt Ion:240 Resp: 263046
Ion Ratio Lower Upper
240 100
120 12.0 6.8 10.2#
236 26.6 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

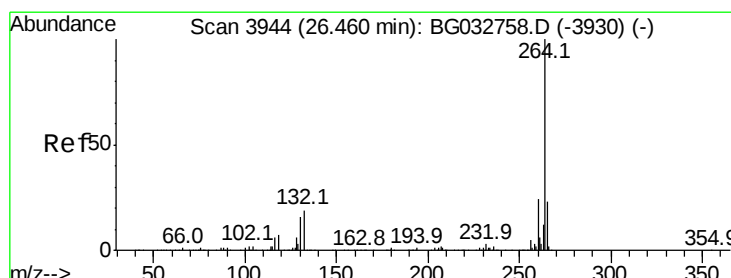
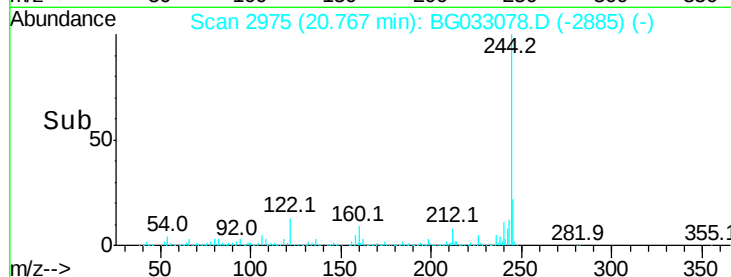
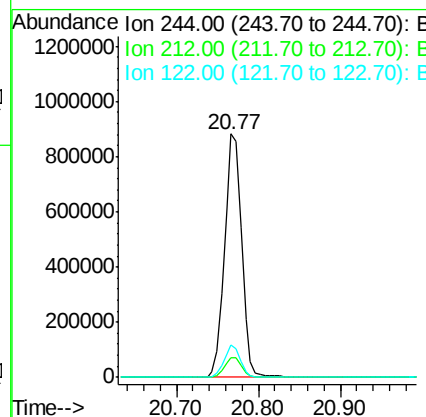
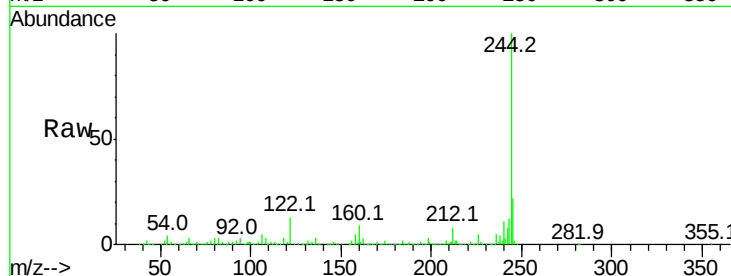




#78
 Terphenyl-d14
 Concen: 110.270 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. -0.00 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1291032
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 13.3 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033078.D
 Acq: 9 Mar 2018 18:45

Tgt Ion:264 Resp: 202199
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 19.6 17.7 26.5

