

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033758.D
 Acq On : 11 Apr 2018 23:10
 Operator : SJ/JU
 Sample : J2320-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:37:35 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

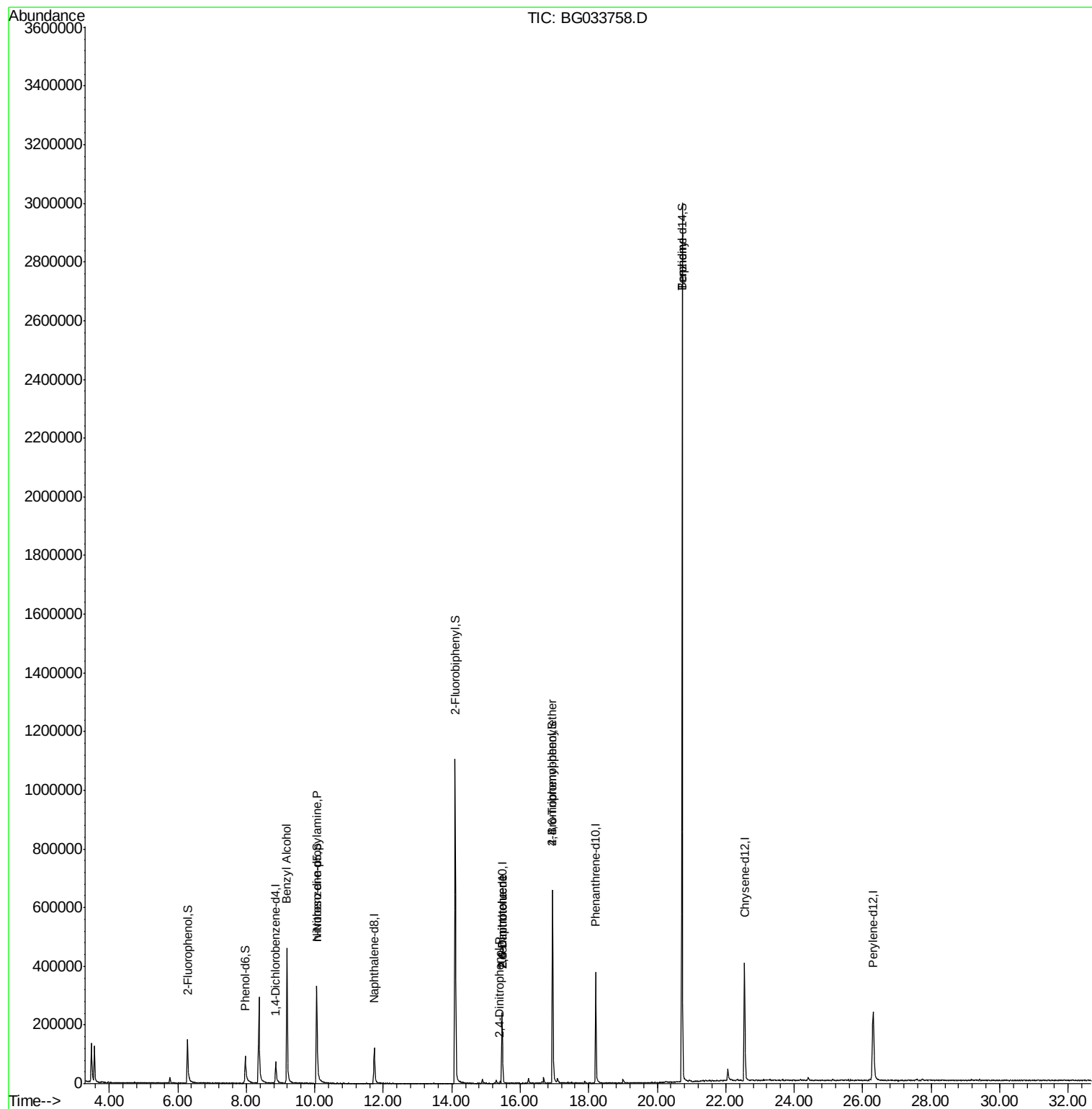
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	26117	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	119885	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	96066	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	274338	20.00	ng	0.00
75) Chrysene-d12	22.55	240	304870	20.00	ng	0.00
86) Perylene-d12	26.30	264	326137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	77572	55.69	ng	0.00
7) Phenol-d6	7.97	99	87387	36.52	ng	0.00
23) Nitrobenzene-d5	10.06	82	260688	99.90	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	138497	96.39	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	643882	96.76	ng	0.00
78) Terphenyl-d14	20.73	244	1432594	100.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	4284	2.274	ng	# 40
19) n-Nitroso-di-n-propylamine	10.06	70	34670	19.771	ng	# 83
50) 2,6-Dinitrotoluene	15.47	165	13030	7.622	ng	# 18
53) 2,4-Dinitrophenol	15.40	184	70	7.714	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	13087	5.199	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	10031	3.113	ng	# 1
76) Benzidine	20.73	184	24489	2.962	ng	# 93

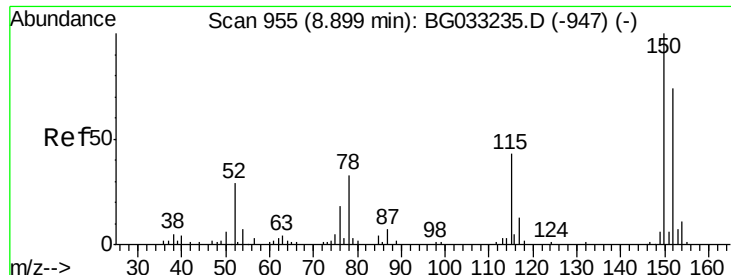
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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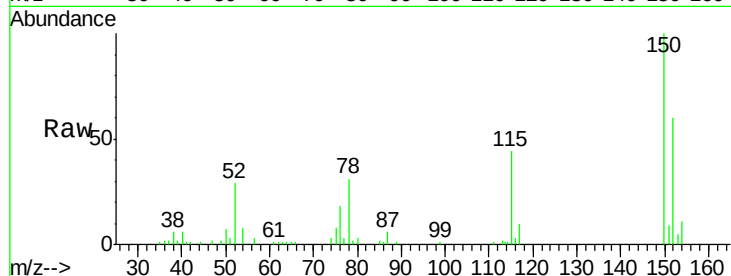


#1

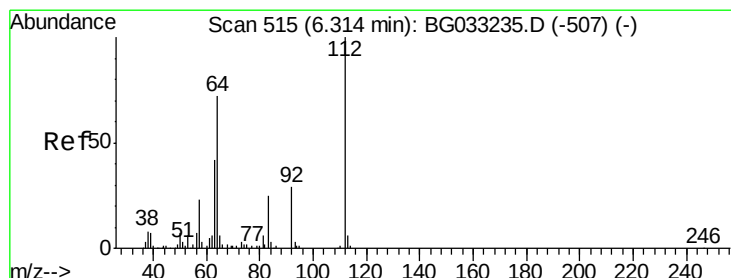
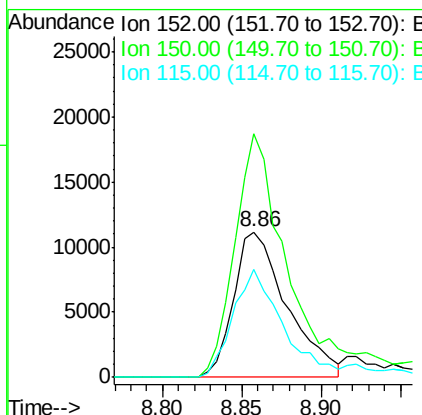
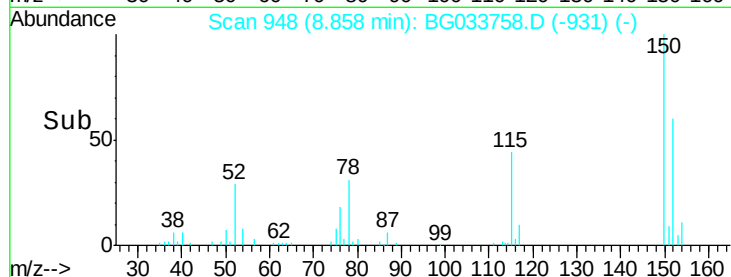
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033758.D
Acq: 11 Apr 2018 23:10

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.3	126.6	189.8
115	74.3	53.0	79.4



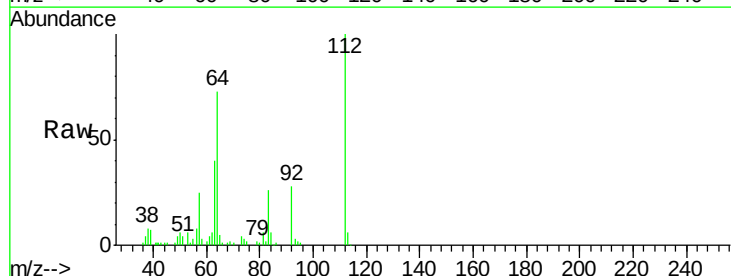
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



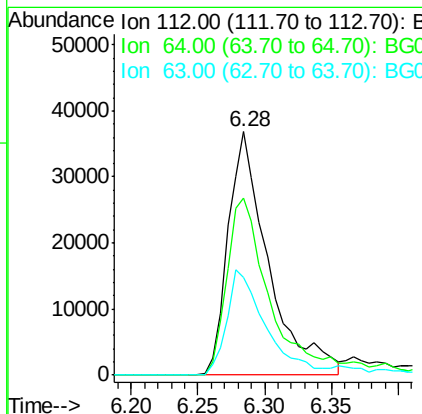
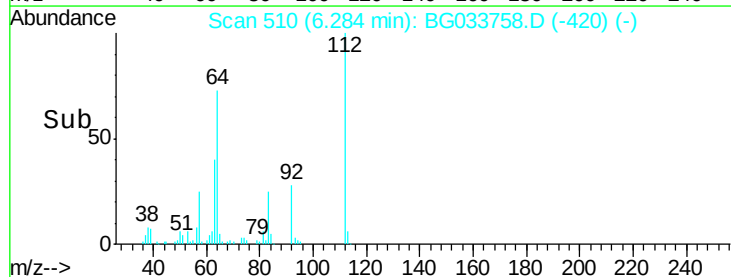
#5

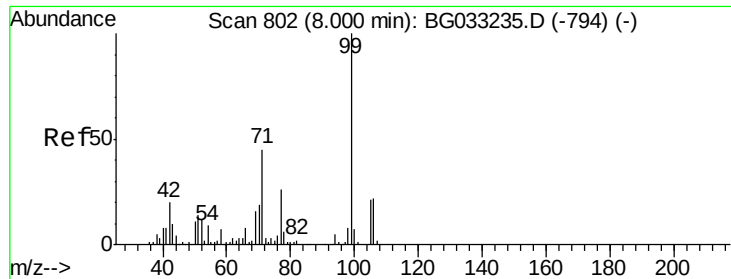
2-Fluorophenol
Concen: 55.694 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033758.D
Acq: 11 Apr 2018 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.3	84.5
63	40.3	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: 36.516 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

Instrument :

BNA_G

ClientSampleId :

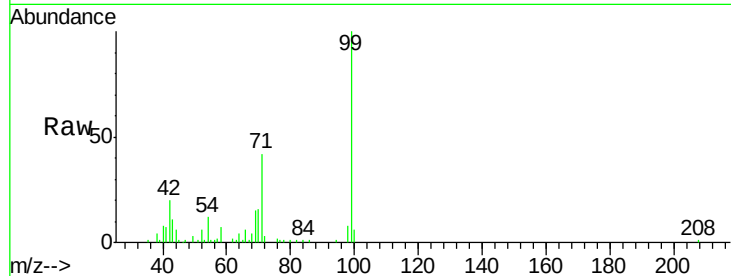
Tot Ion: 99 Resp: 87387

Ion Ratio Lower Upper

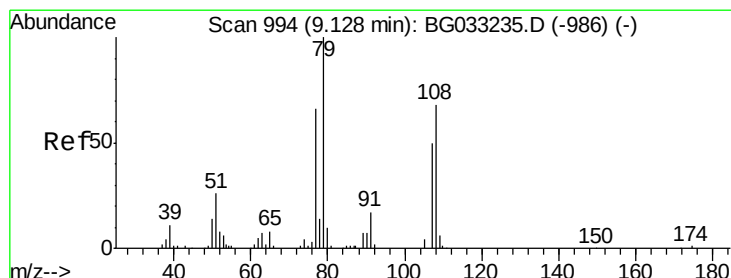
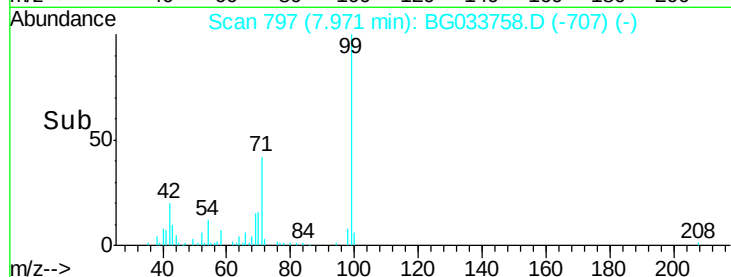
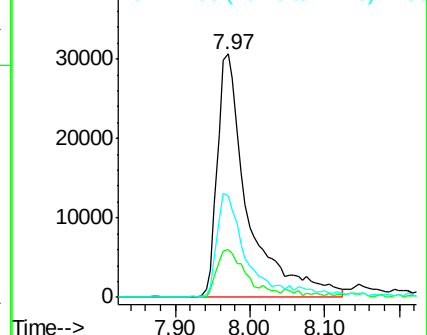
99 100

42 19.6 14.1 21.1

71 41.8 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: 2.274 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

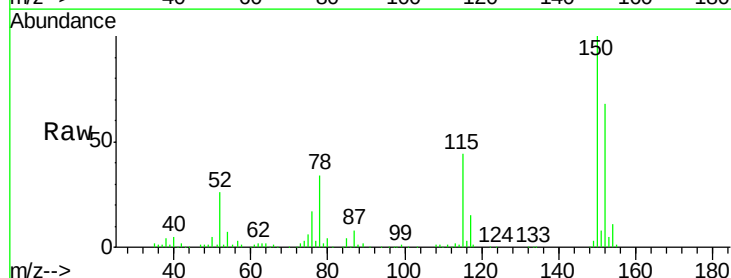
Tgt Ion: 79 Resp: 4284

Ion Ratio Lower Upper

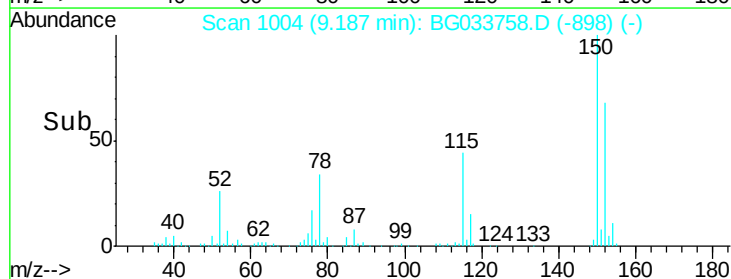
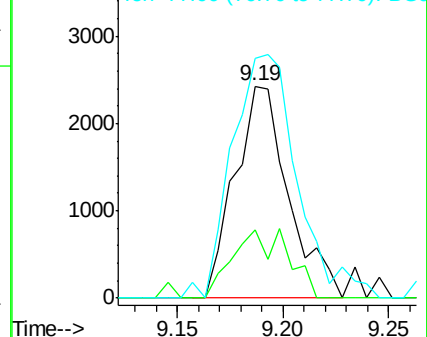
79 100

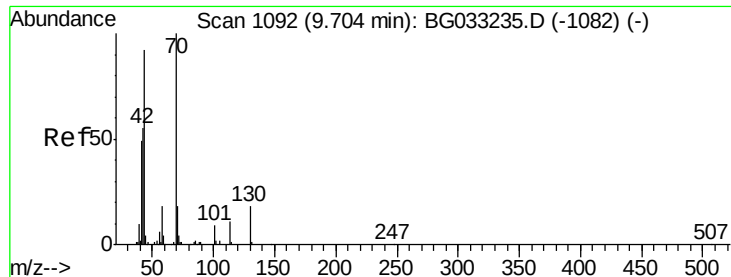
108 32.1 57.2 85.8#

77 113.2 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

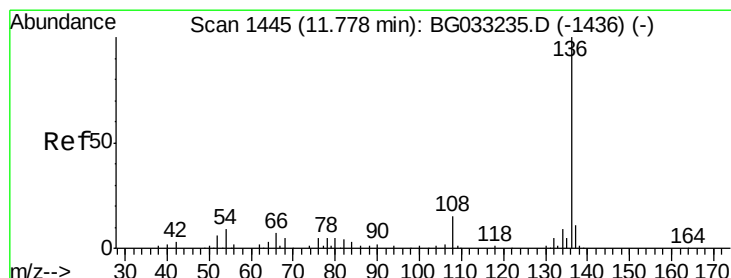
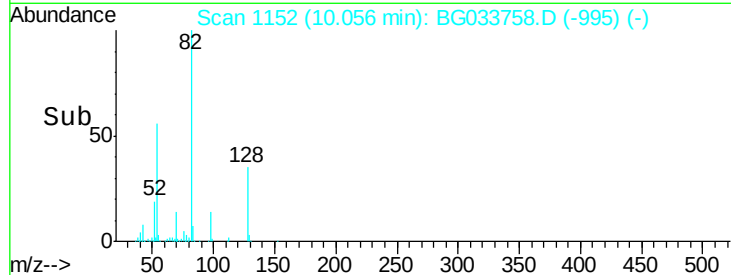
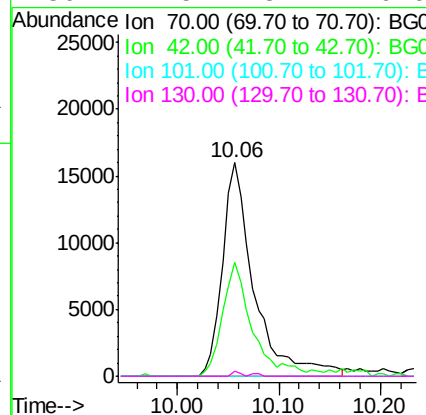
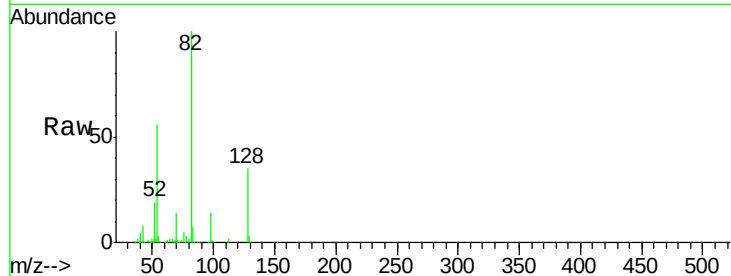




#19
n-Nitroso-di-n-propylamine
Concen: 19.771 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033758.D
Acq: 11 Apr 2018 23:10

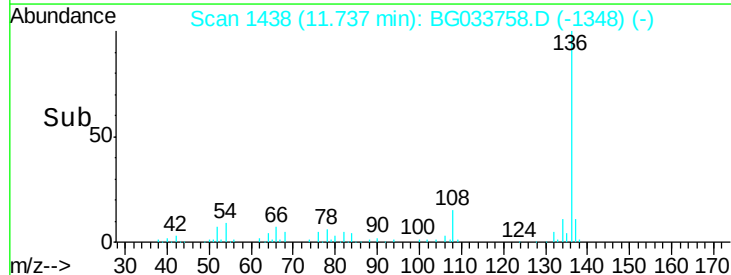
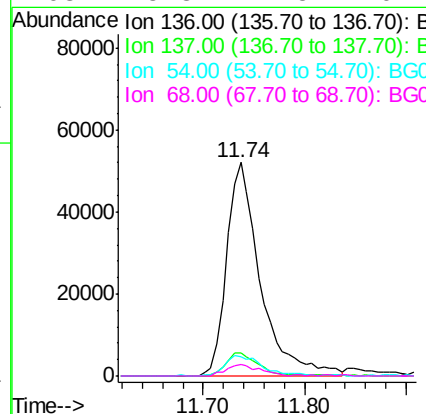
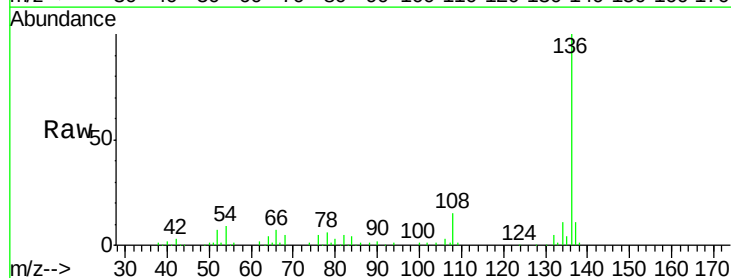
Instrument :
BNA_G
ClientSampled :

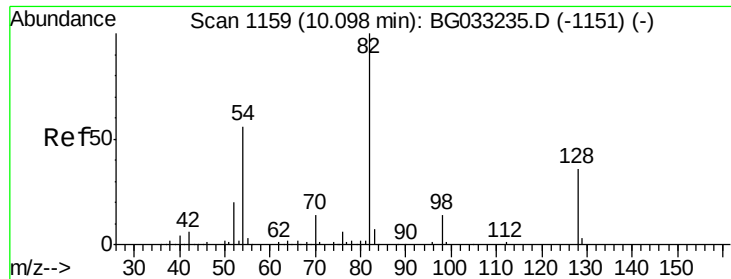
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.3	49.1	73.7	
101	0.0	8.5	12.7	#
130	2.5	13.4	20.0	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033758.D
Acq: 11 Apr 2018 23:10

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	9.0	10.3	15.5	#
68	5.3	4.5	6.7	

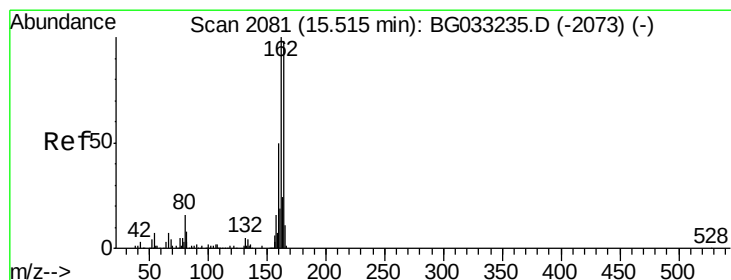
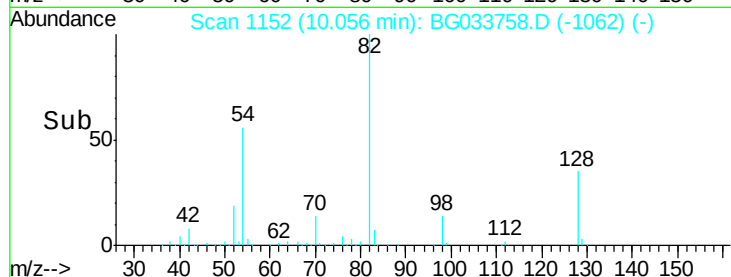
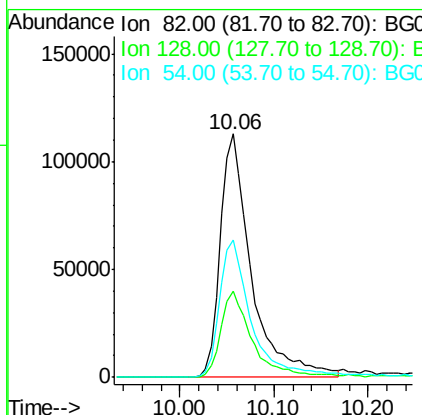
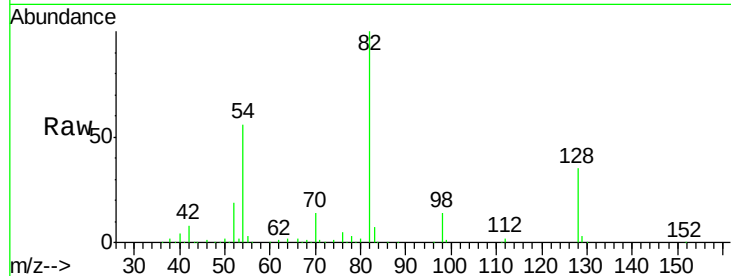




#23
 Nitrobenzene-d5
 Concen: 99.905 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

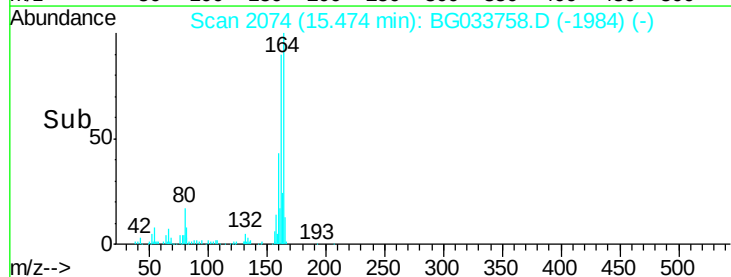
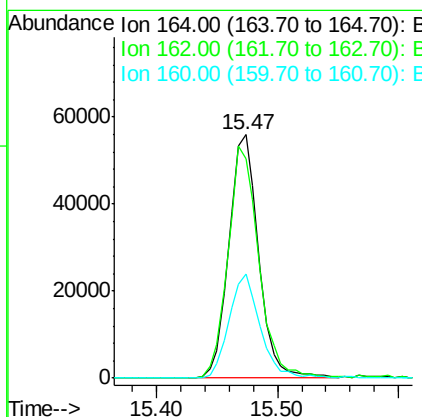
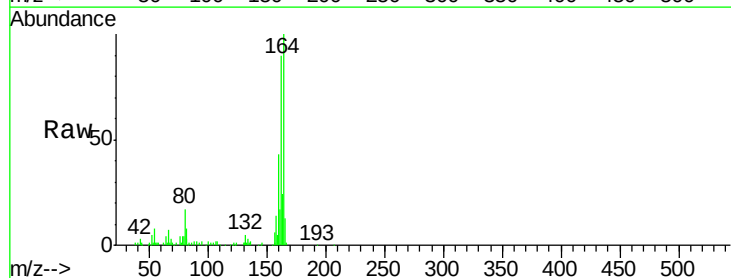
Instrument :
 BNA_G
 ClientSampleId :

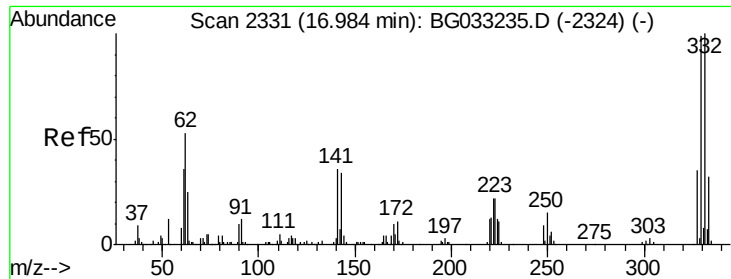
Tot Ion	82	Resp	260688
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.7	44.5
54	56.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Tgt Ion	164	Resp	96066
Ion Ratio	Lower	Upper	
164	100		
162	90.3	78.8	118.2
160	42.6	35.4	53.0

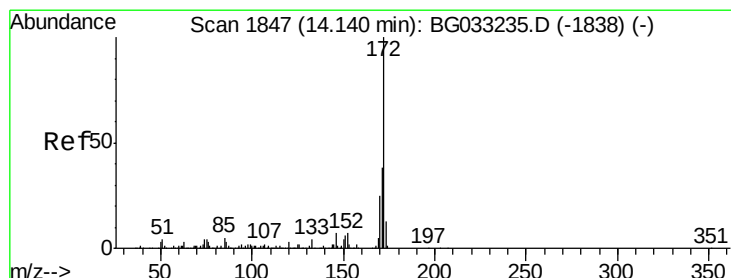
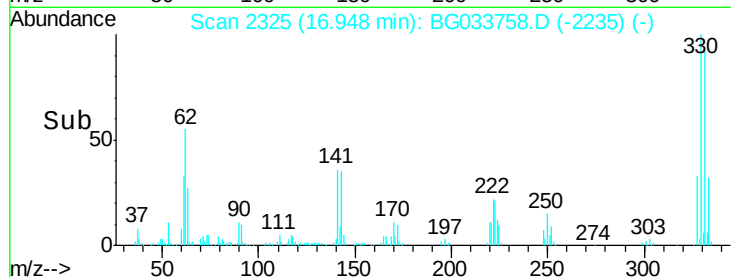
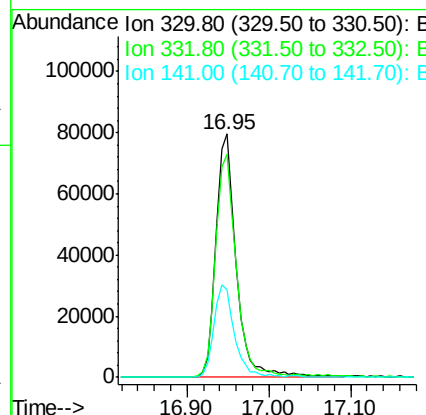
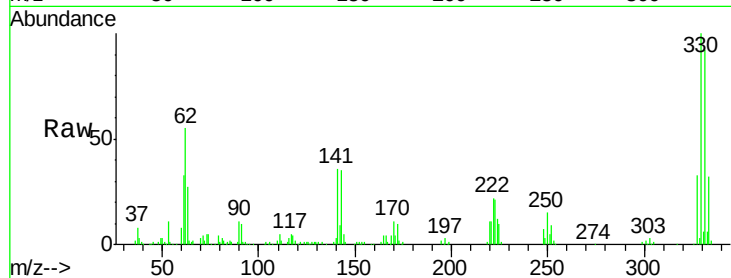




#41
 2,4,6-Tribromophenol
 Concen: 96.394 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

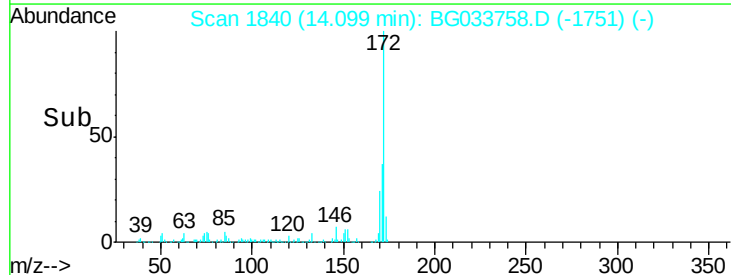
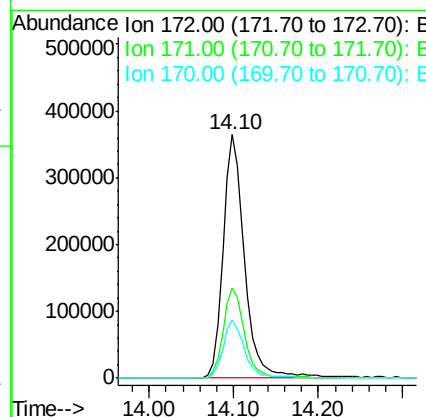
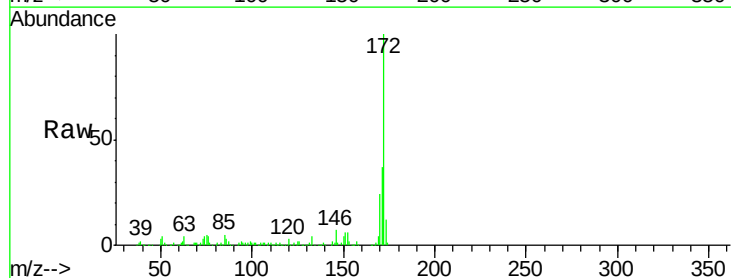
Instrument :
 BNA_G
 ClientSampleId :

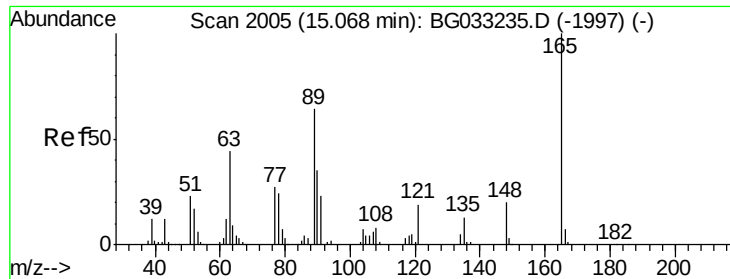
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.0	115.6
141	38.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.760 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.9	19.5	29.3





#50

2,6-Dinitrotoluene

Concen: 7.622 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.44 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

Instrument :

BNA_G

ClientSampleId :

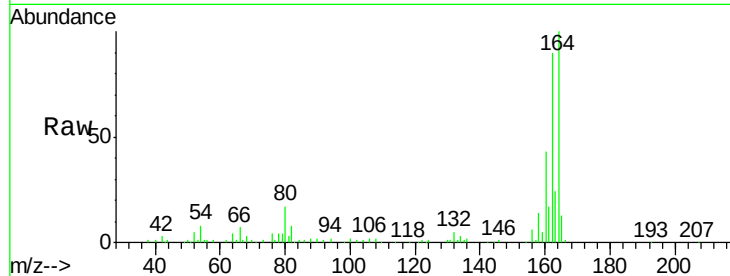
Tot Ion:165 Resp: 13030

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

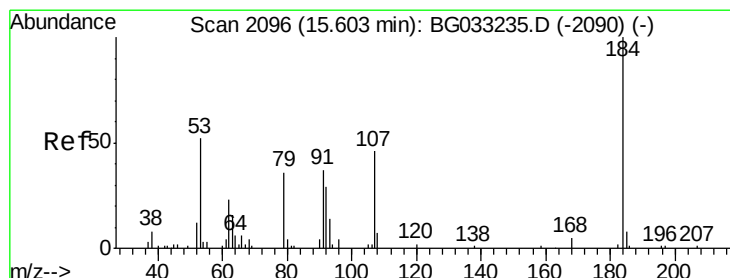
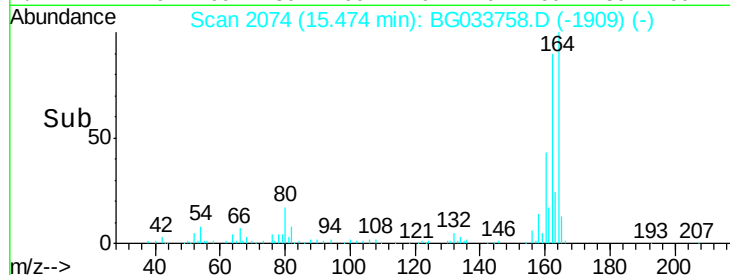
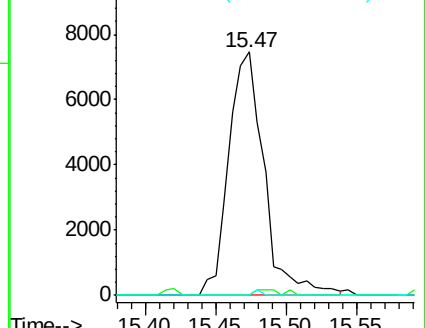
89 0.0 49.2 73.8#



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



#53

2,4-Dinitrophenol

Concen: 7.714 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.18 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

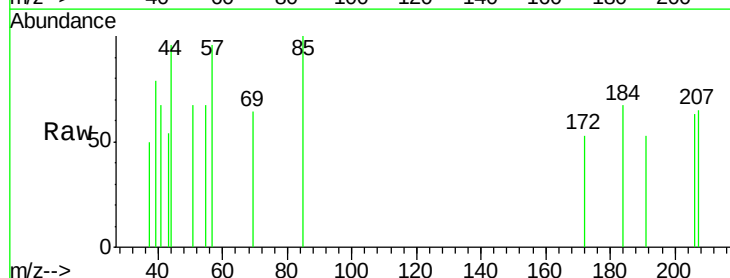
Tgt Ion:184 Resp: 70

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

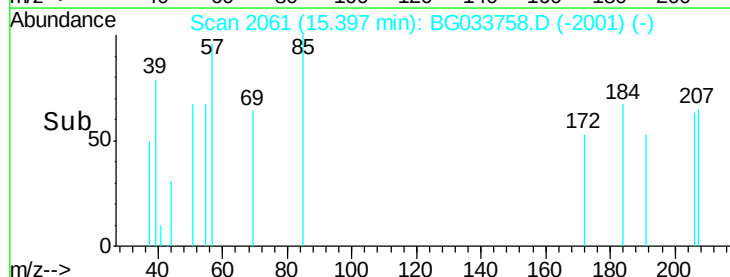
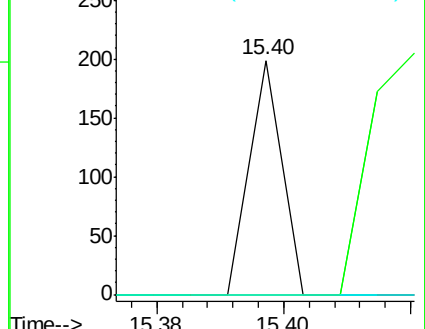
154 0.0 101.8 152.8#

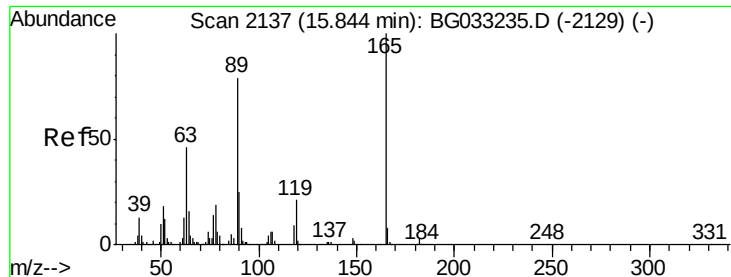


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

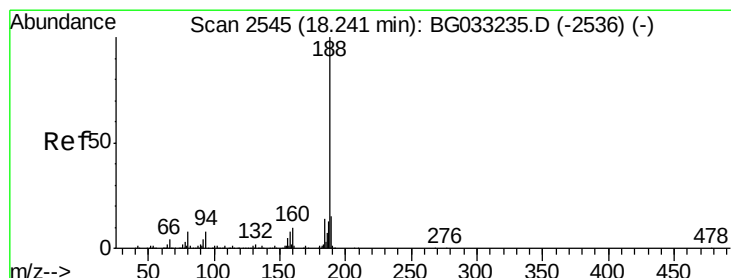
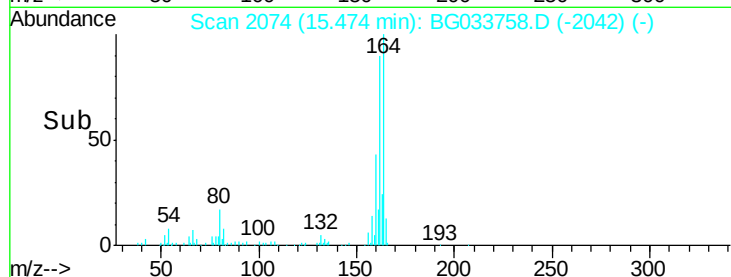
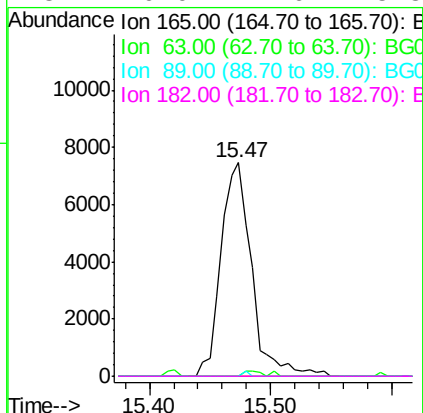
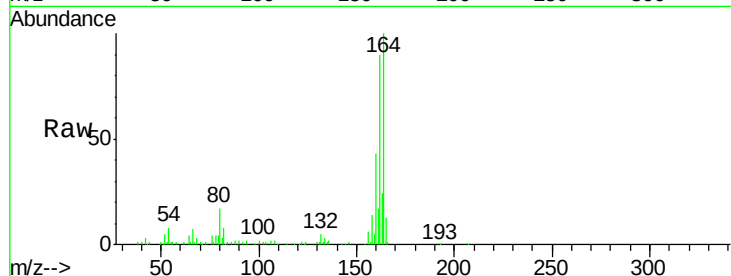




#56
 2,4-Dinitrotoluene
 Concen: 5.199 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

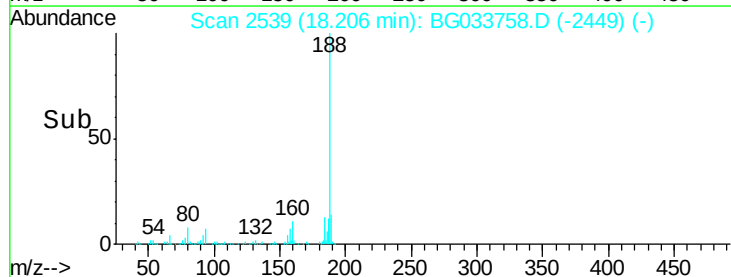
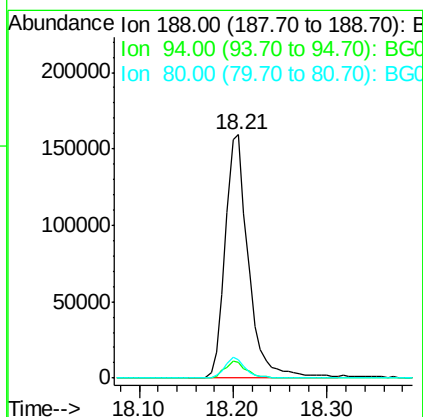
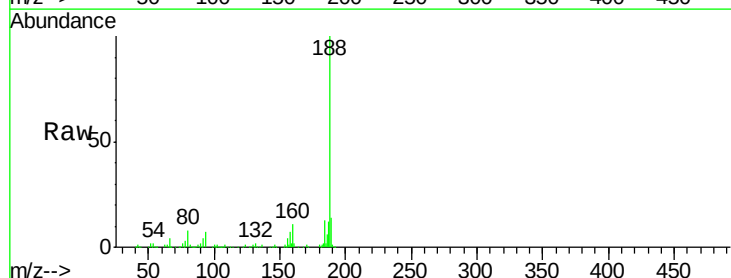
Instrument :
 BNA_G
 ClientSampleId :

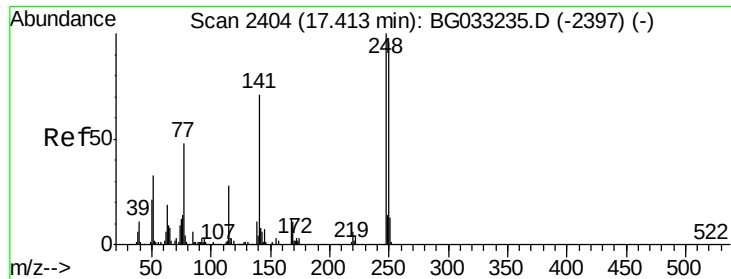
Tot Ion:165 Resp: 13087
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Tgt Ion:188 Resp: 274338
 Ion Ratio Lower Upper
 188 100
 94 6.7 6.9 10.3#
 80 7.5 7.7 11.5#

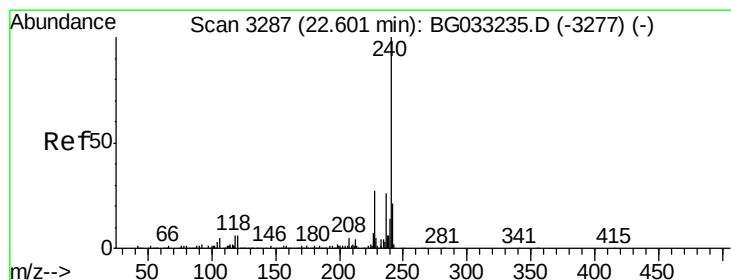
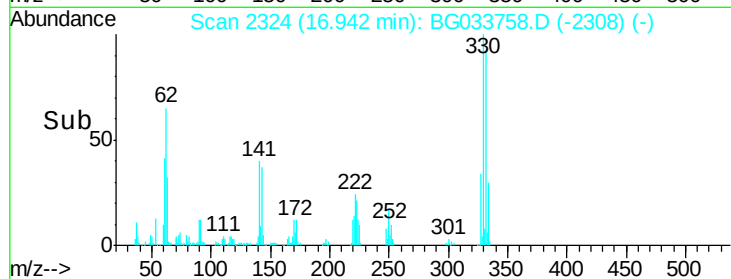
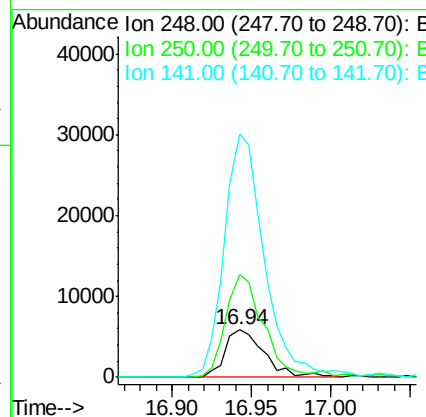
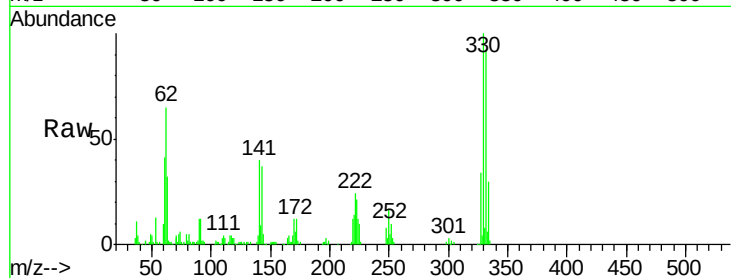




#66
 4-Bromophenyl-phenylether
 Concen: 3.113 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. -0.43 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

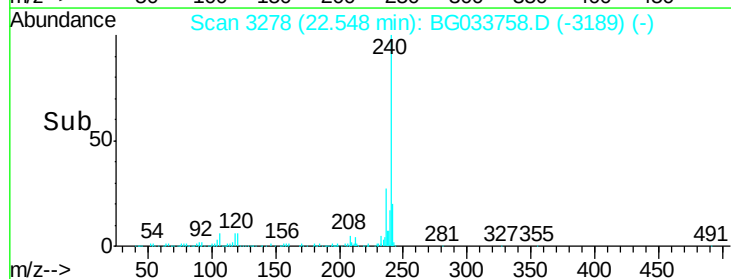
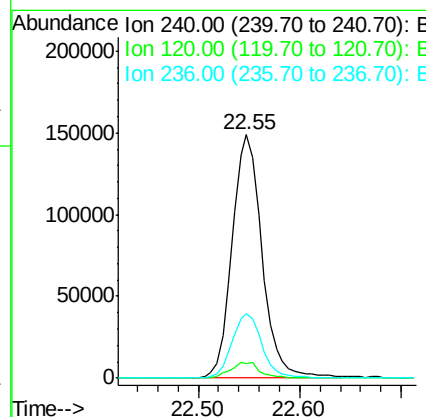
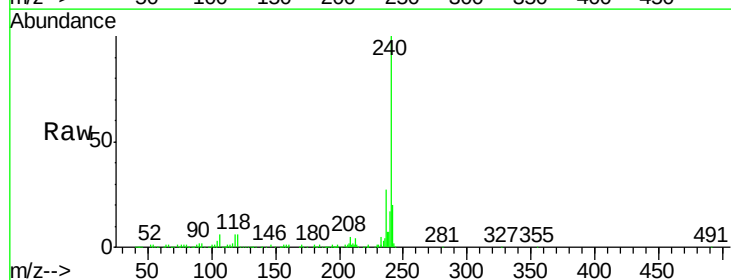
Instrument :
 BNA_G
 ClientSampleId :

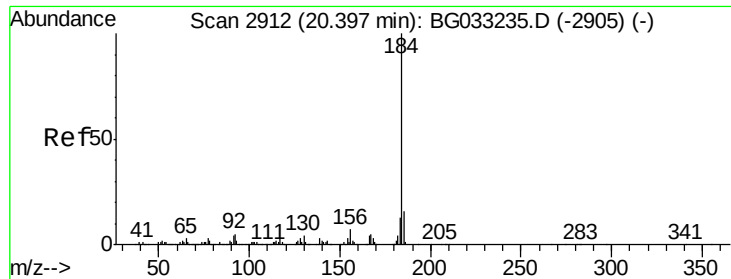
Tot Ion:248 Resp: 10031
 Ion Ratio Lower Upper
 248 100
 250 216.7 77.1 115.7#
 141 513.9 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Tgt Ion:240 Resp: 304870
 Ion Ratio Lower Upper
 240 100
 120 6.1 6.8 10.2#
 236 26.7 20.9 31.3





#76

Benzidine

Concen: 2.962 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

Instrument :

BNA_G

ClientSampled :

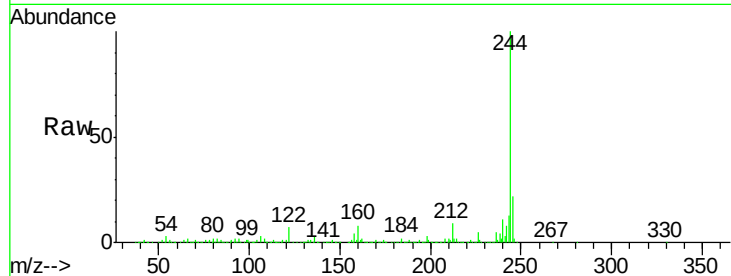
Tot Ion:184 Resp: 24489

Ion Ratio Lower Upper

184 100

185 11.9 11.1 16.7

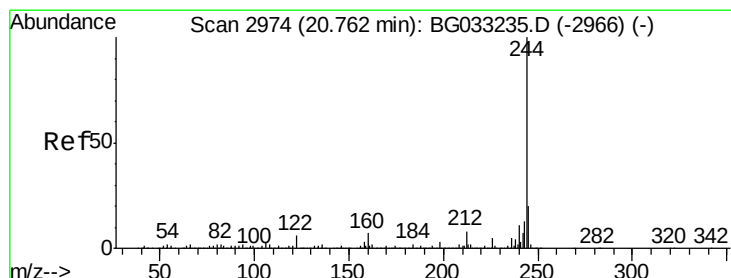
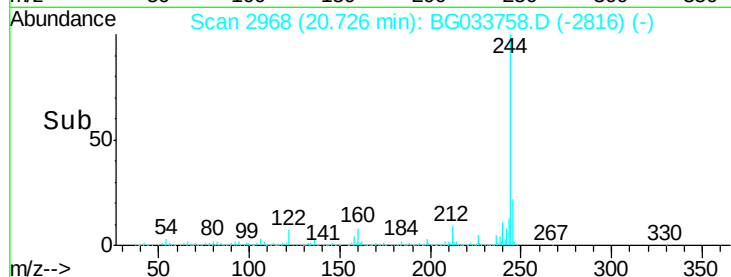
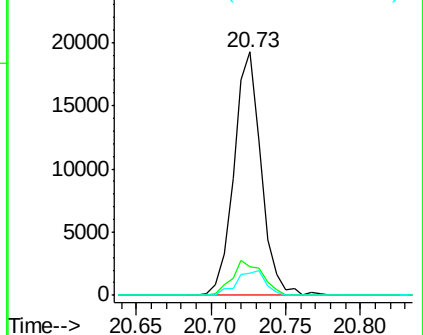
183 9.3 10.6 16.0#



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: 100.494 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

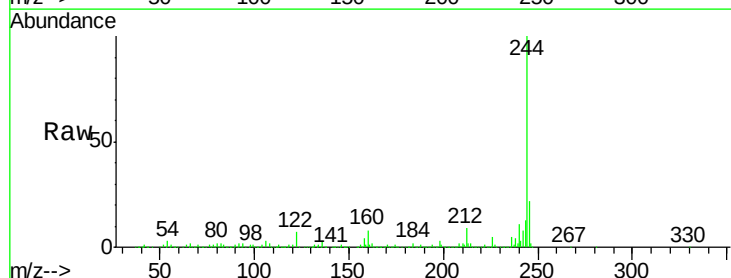
Tgt Ion:244 Resp: 1432594

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

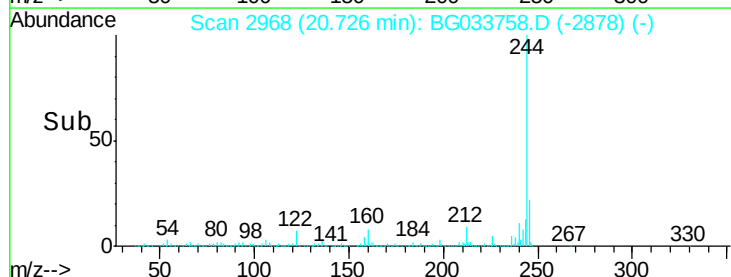
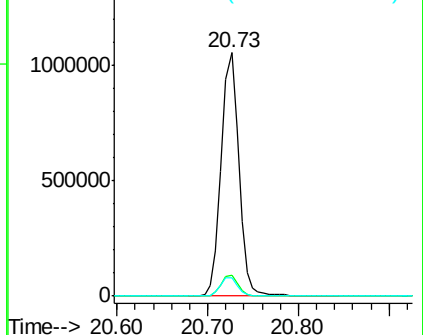
122 7.3 7.0 10.4

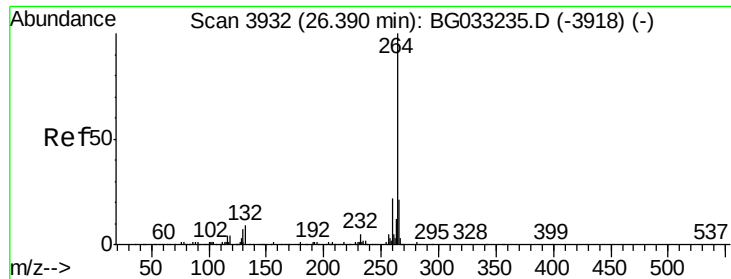


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.30 min Scan# 3917
 Delta R.T. -0.01 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.1	17.7	26.5

