

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033733.D
 Acq On : 11 Apr 2018 5:02
 Operator : SJ/JU
 Sample : J2297-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 11 05:37:26 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

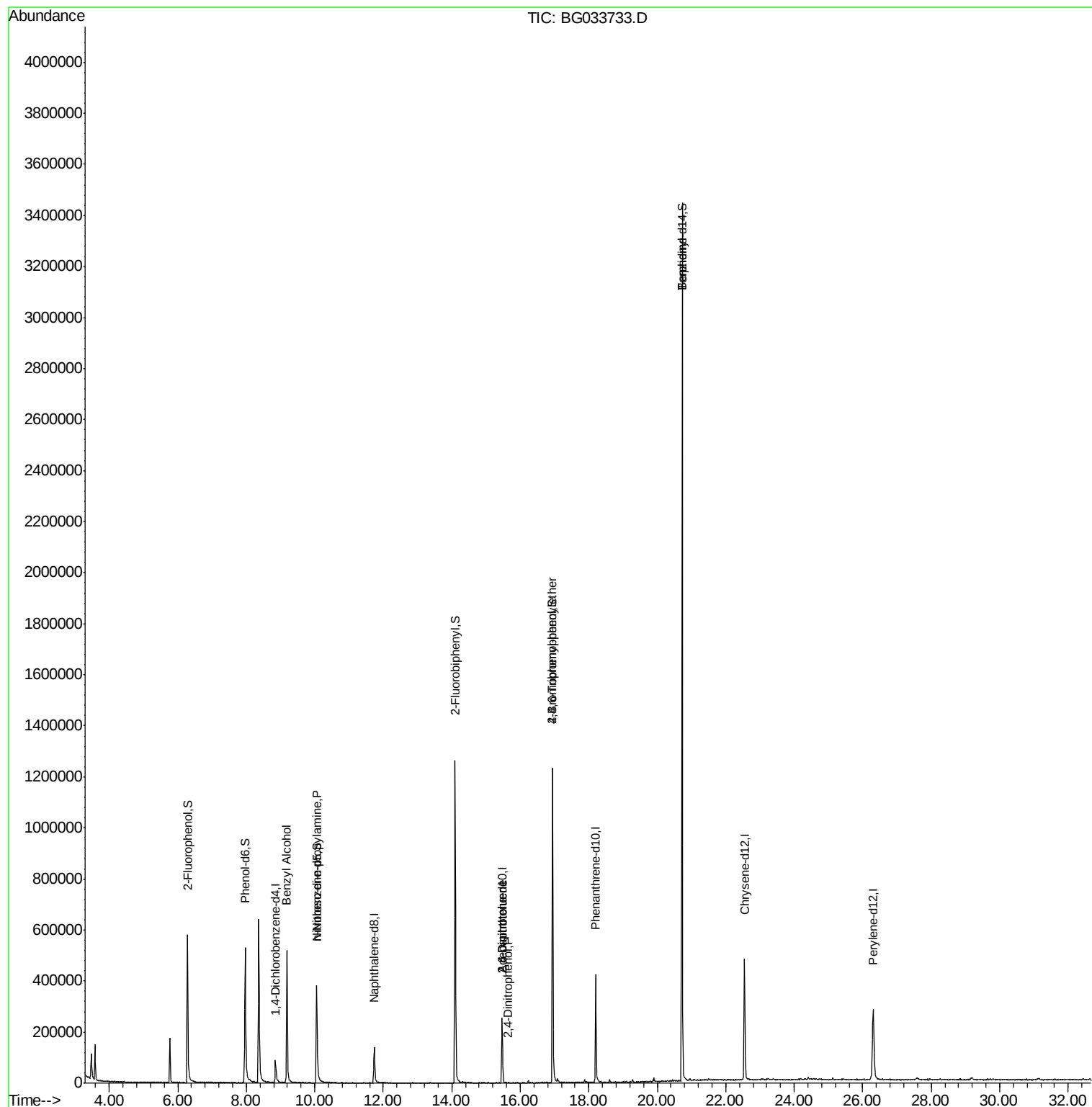
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	31473	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	133072	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98748	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	298007	20.00	ng	0.00
75) Chrysene-d12	22.55	240	342849	20.00	ng	0.00
86) Perylene-d12	26.31	264	368963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	278439	165.89	ng	0.00
7) Phenol-d6	7.97	99	369377	128.08	ng	0.00
23) Nitrobenzene-d5	10.06	82	309695	106.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	241596	163.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	696070	101.76	ng	0.00
78) Terphenyl-d14	20.73	244	1685799	105.16	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	5768	2.540	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	42478	20.101	ng	# 76
50) 2,6-Dinitrotoluene	15.47	165	12467	7.095	ng	# 22
53) 2,4-Dinitrophenol	15.65	184	58	7.701	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	12467	4.819	ng	# 20
66) 4-Bromophenyl-phenylether	16.95	248	18333	5.238	ng	# 1
76) Benizidine	20.73	184	28733	3.090	ng	# 95

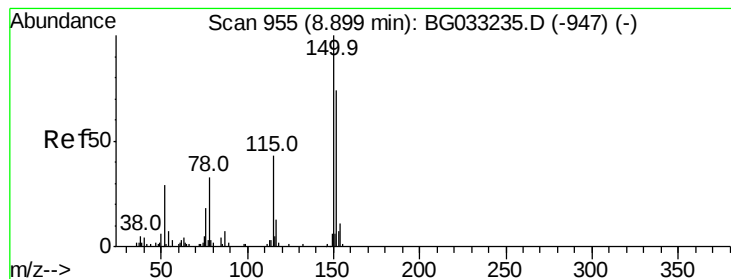
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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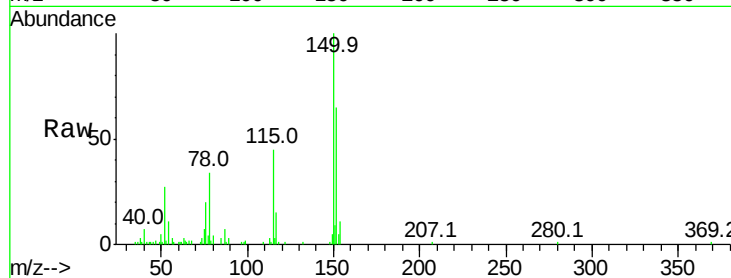


#1

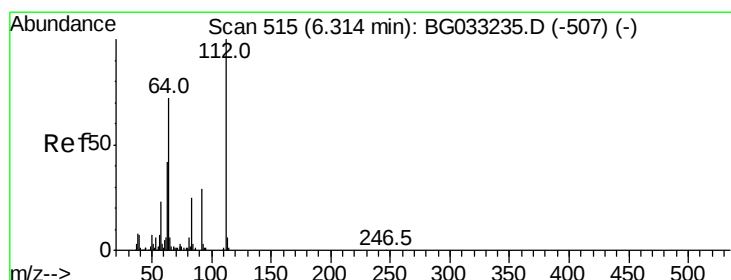
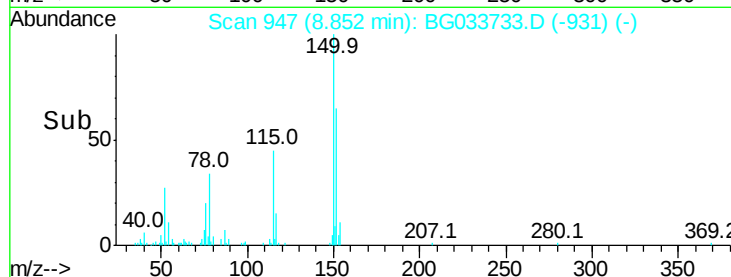
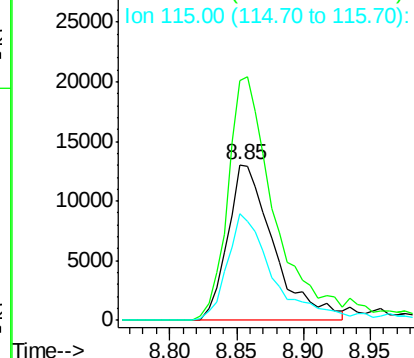
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31473
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 68.5 53.0 79.4



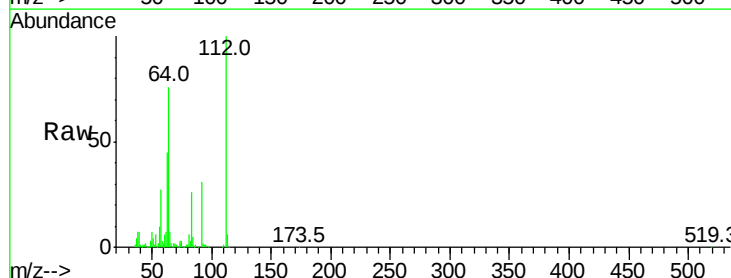
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



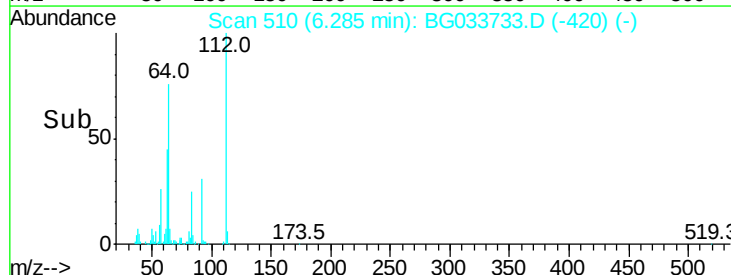
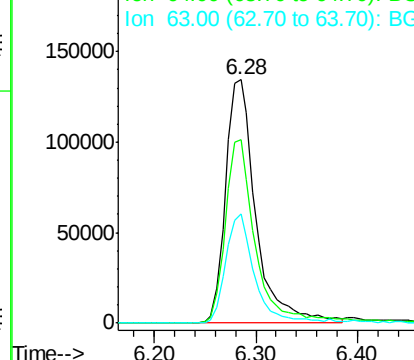
#5

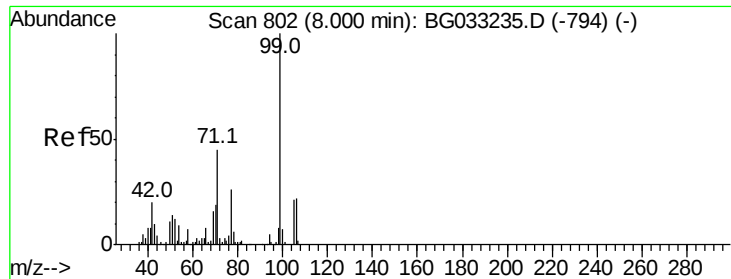
2-Fluorophenol
Concen: 165.890 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Tgt Ion:112 Resp: 278439
Ion Ratio Lower Upper
112 100
64 75.6 56.3 84.5
63 45.1 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: 128.081 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

Instrument :

BNA_G

ClientSampleId :

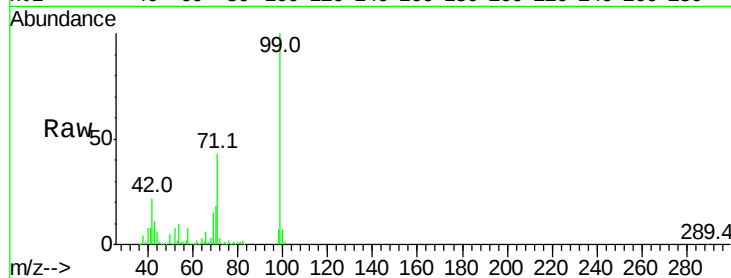
Tot Ion: 99 Resp: 369377

Ion Ratio Lower Upper

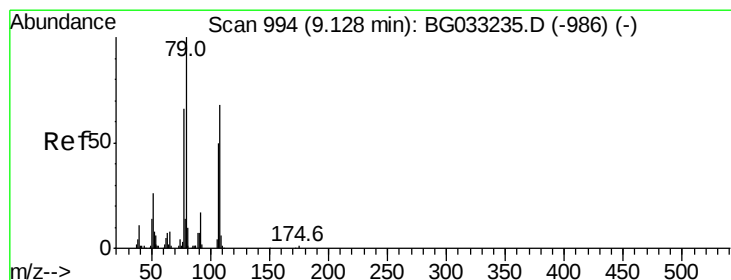
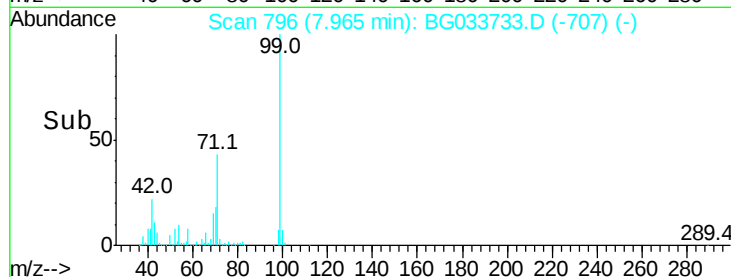
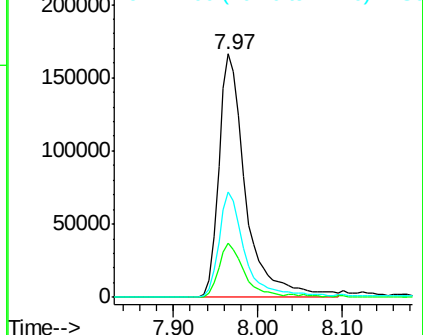
99 100

42 22.4 14.1 21.1#

71 43.2 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: 2.540 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

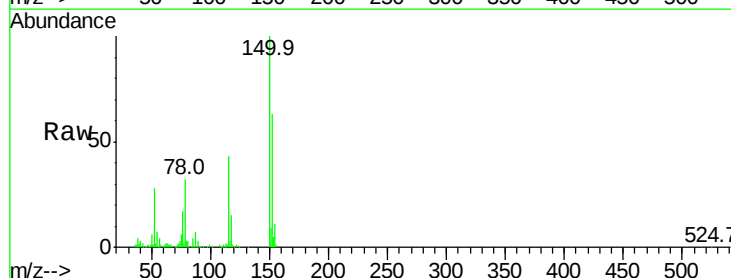
Tgt Ion: 79 Resp: 5768

Ion Ratio Lower Upper

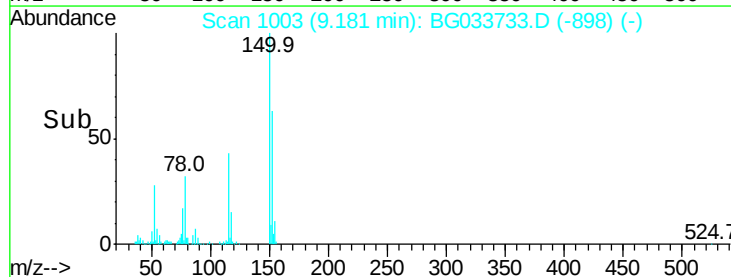
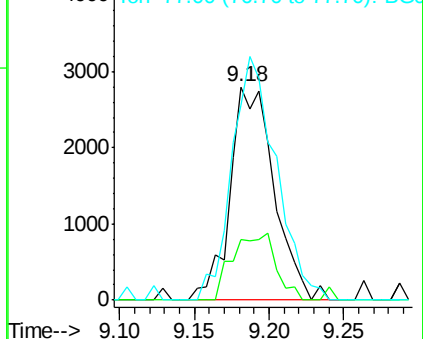
79 100

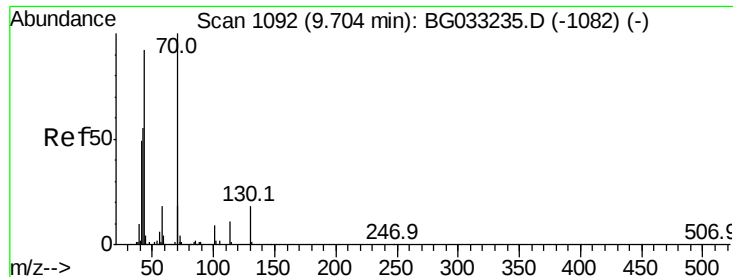
108 28.2 57.2 85.8#

77 91.7 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

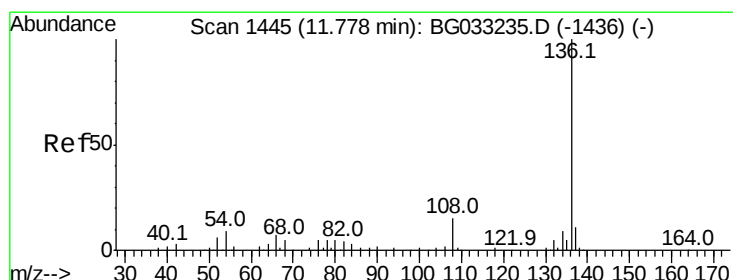
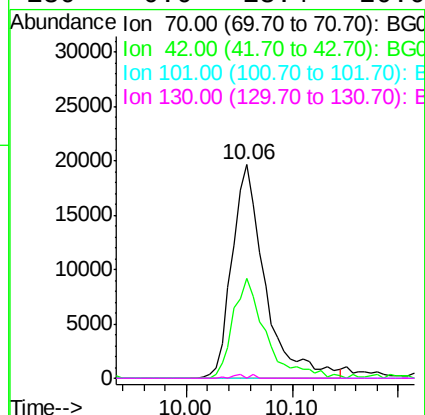
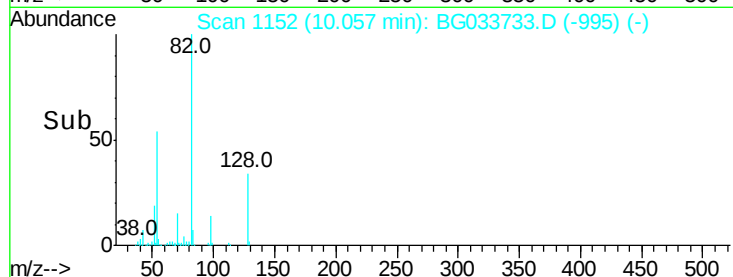
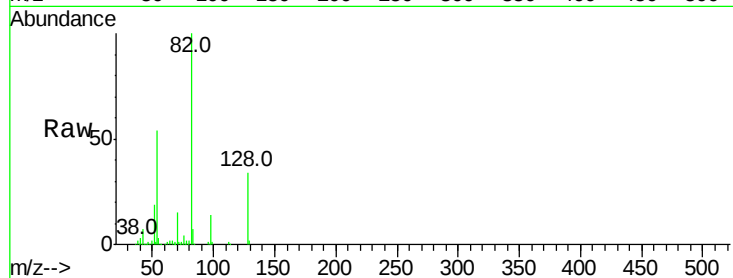




#19
n-Nitroso-di-n-propylamine
Concen: 20.101 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

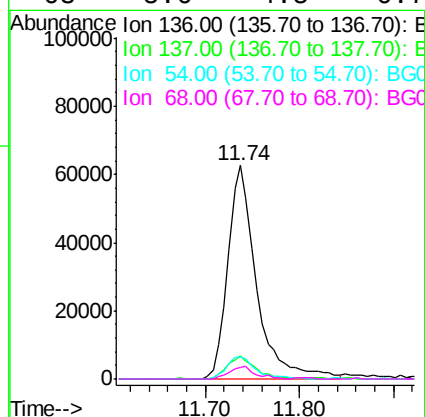
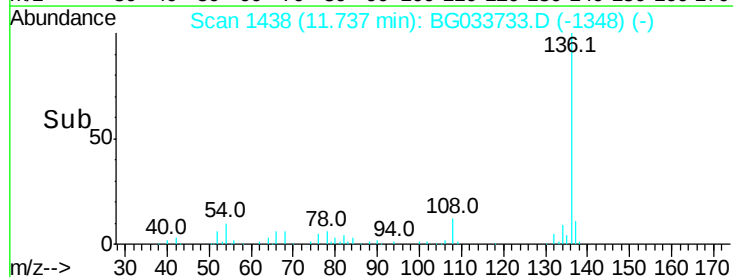
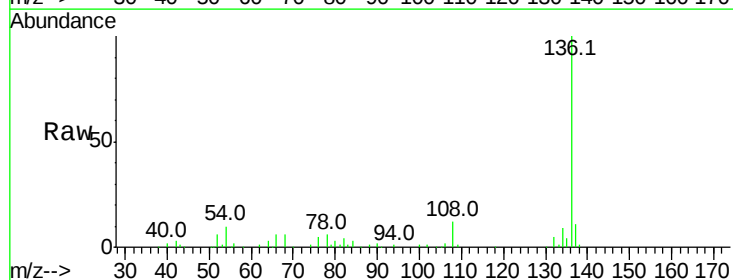
Instrument :
BNA_G
ClientSampleId :

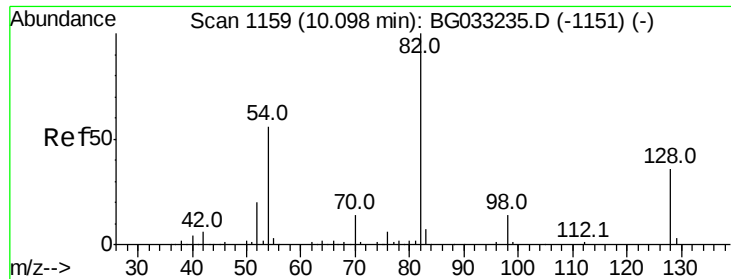
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.1	73.7#
101	0.0	8.5	12.7#
130	0.0	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	10.5	10.3	15.5
68	5.6	4.5	6.7

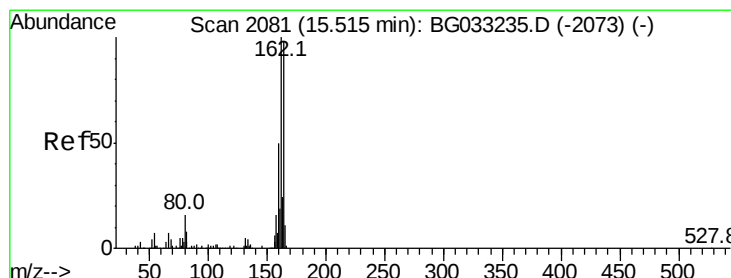
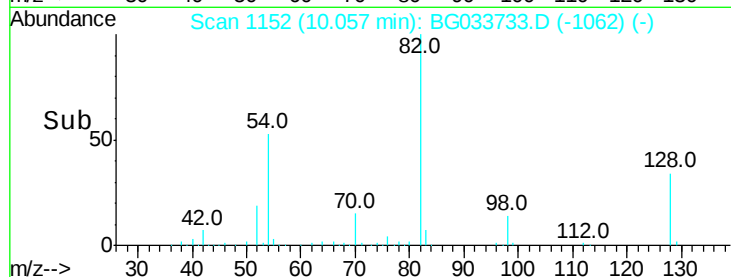
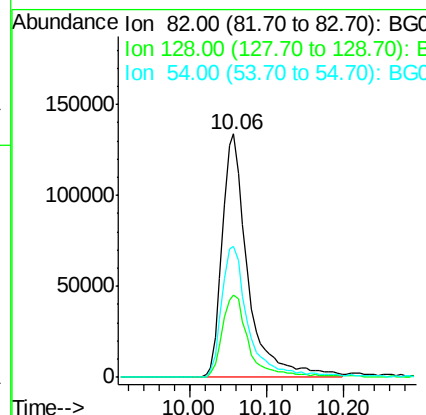
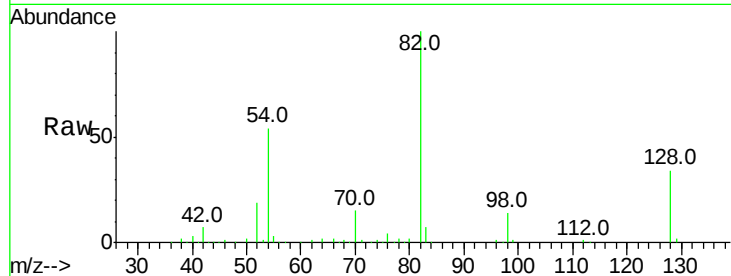




#23
 Nitrobenzene-d5
 Concen: 106.924 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

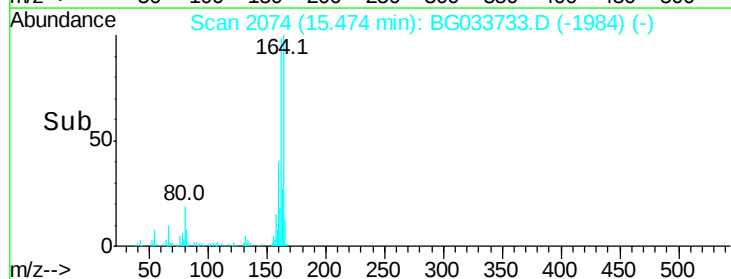
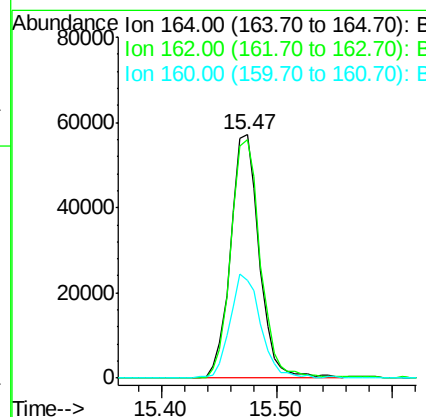
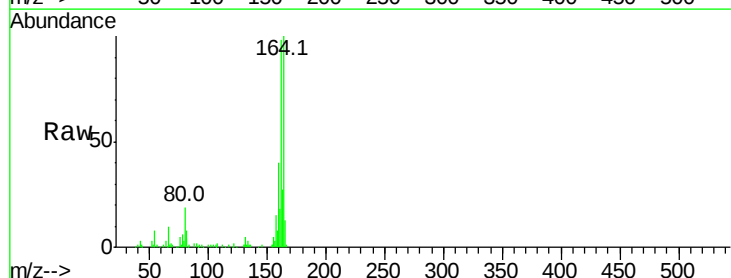
Instrument :
 BNA_G
 ClientSampled :

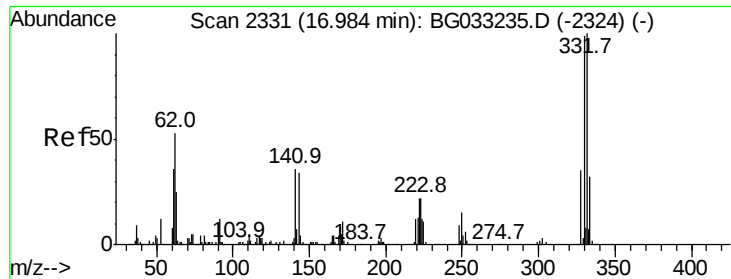
Tot Ion: 82 Resp: 309695
 Ion Ratio Lower Upper
 82 100
 128 33.8 29.7 44.5
 54 53.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

Tgt Ion:164 Resp: 98748
 Ion Ratio Lower Upper
 164 100
 162 97.7 78.8 118.2
 160 40.4 35.4 53.0

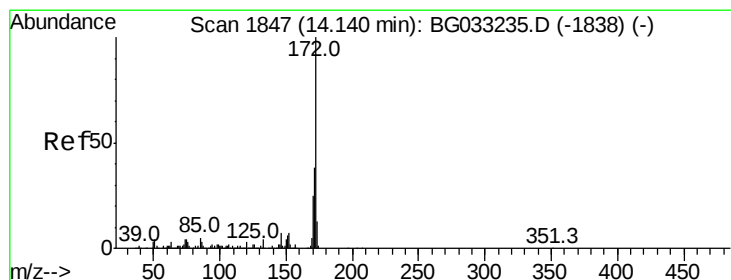
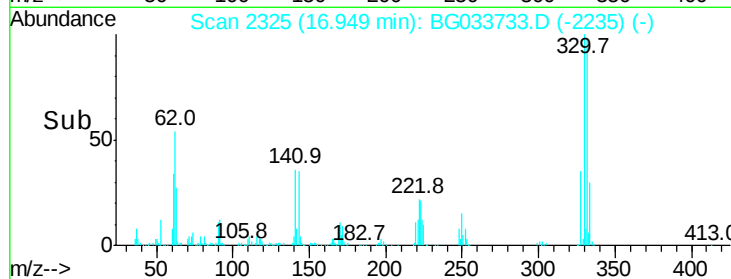
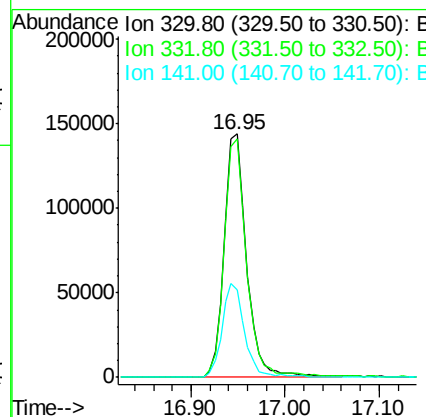
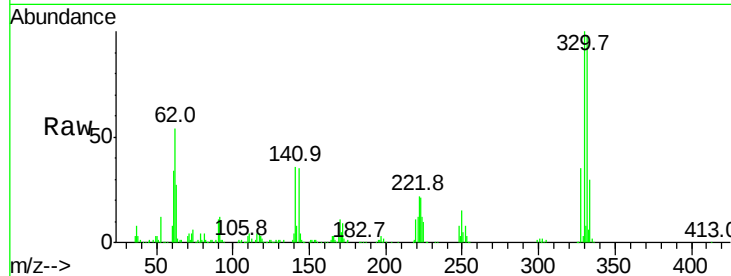




#41
 2,4,6-Tribromophenol
 Concen: 163.584 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

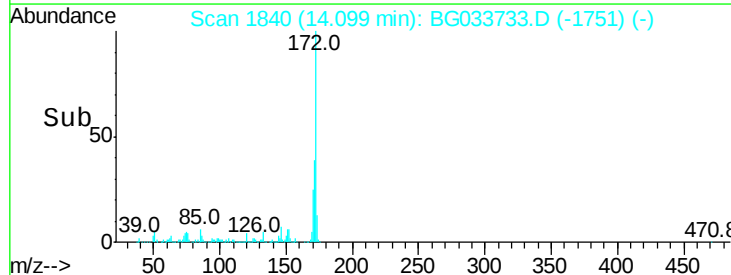
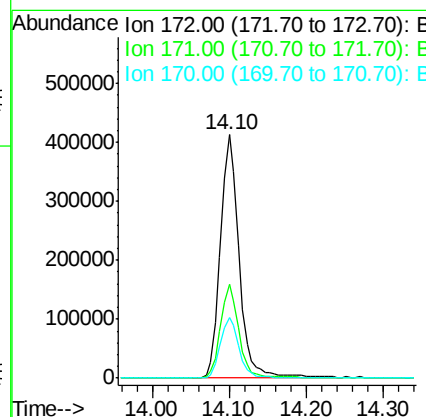
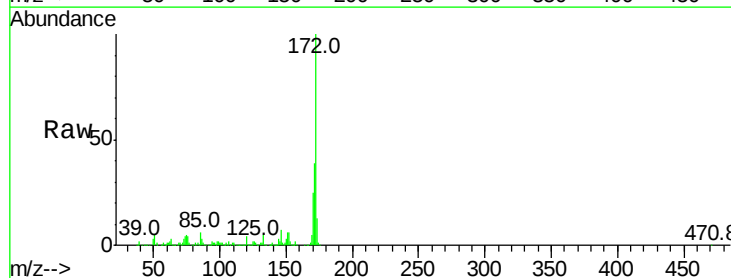
Instrument :
 BNA_G
 ClientSampleId :

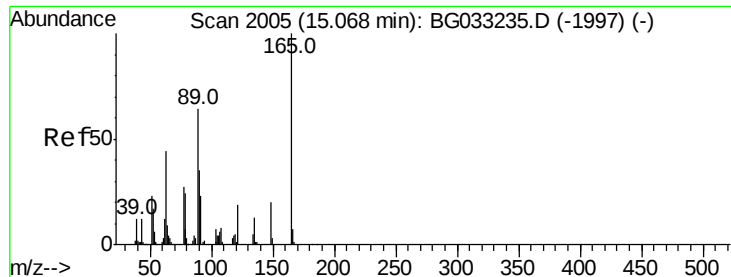
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.6	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.761 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.8	19.5	29.3

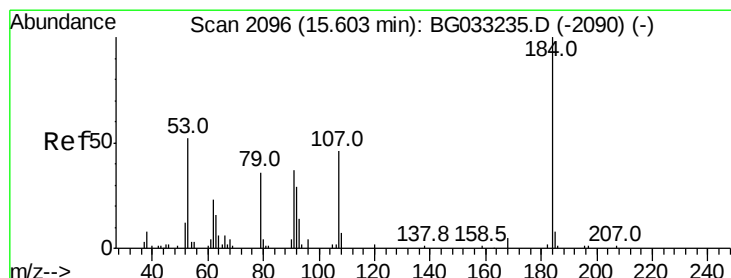
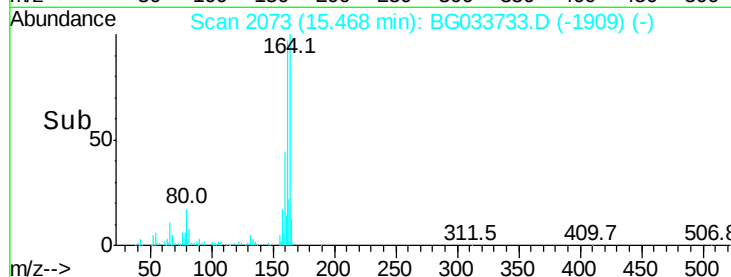
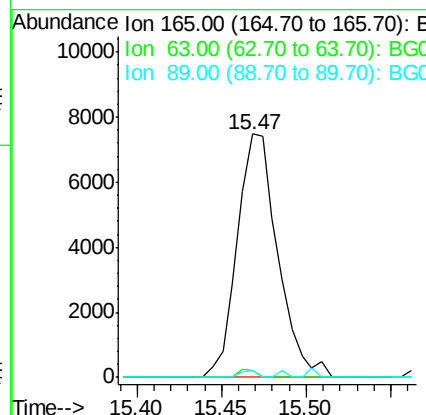
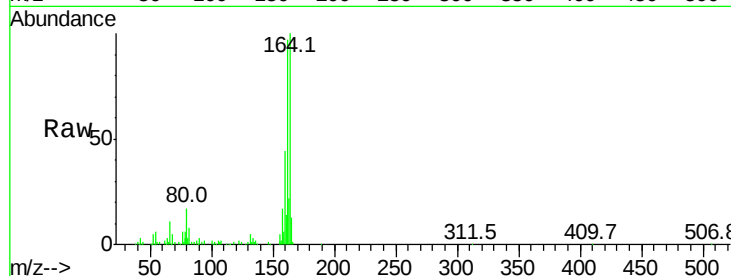




#50
2,6-Dinitrotoluene
Concen: 7.095 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

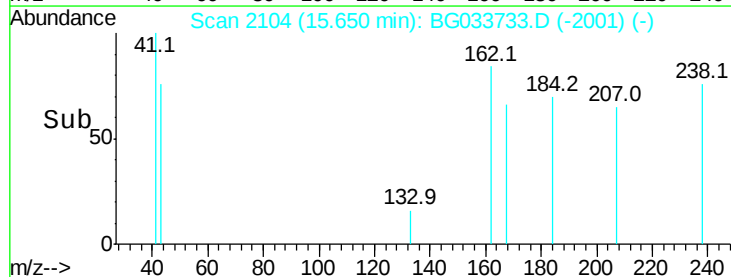
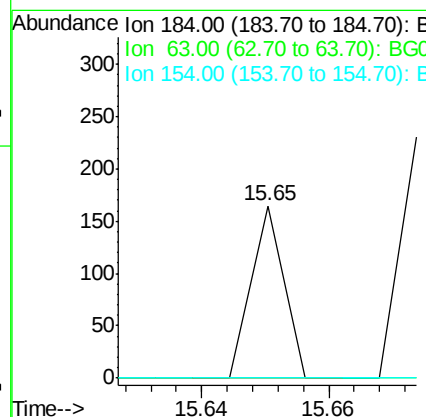
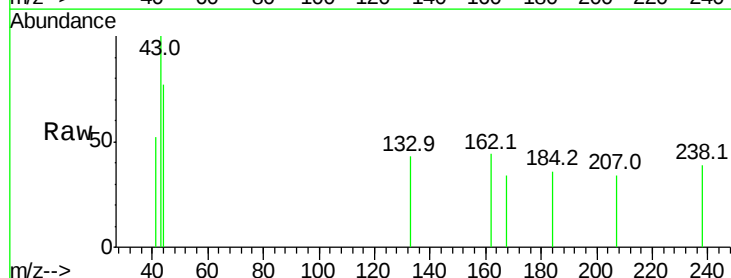
Instrument :
BNA_G
ClientSampleId :

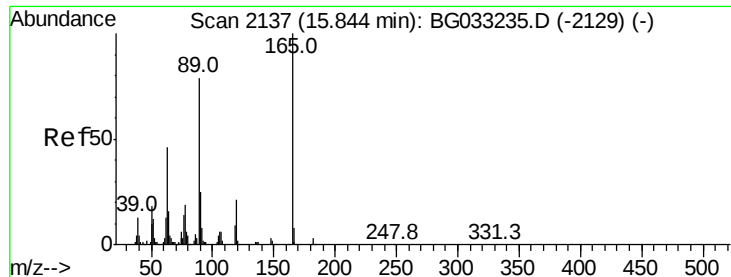
Tot Ion:165 Resp: 12467
Ion Ratio Lower Upper
165 100
63 2.7 52.7 79.1#
89 3.0 49.2 73.8#



#53
2,4-Dinitrophenol
Concen: 7.701 ng
RT: 15.65 min Scan# 2104
Delta R.T. 0.08 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Tgt Ion:184 Resp: 58
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#





#56

2,4-Dinitrotoluene

Concen: 4.819 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.35 min

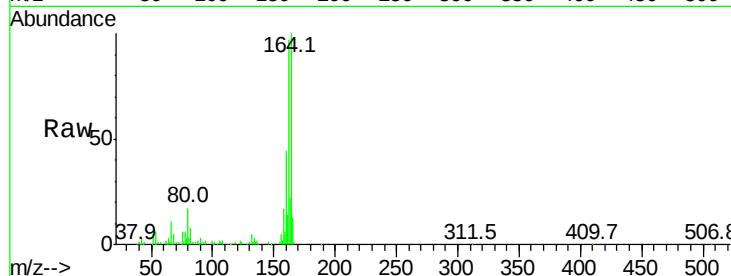
Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

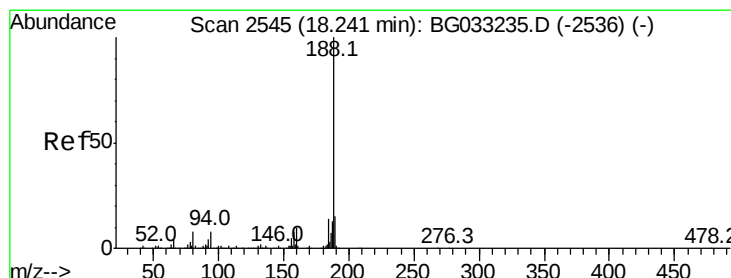
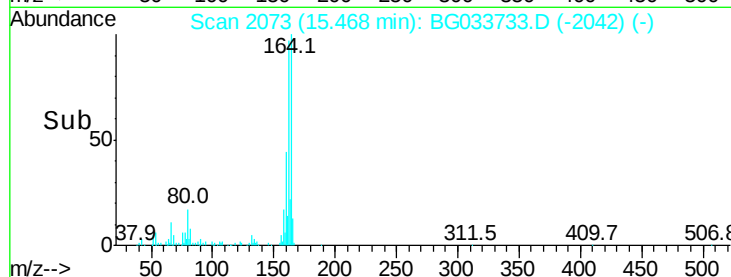
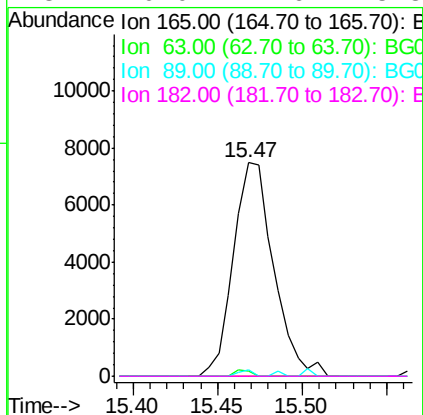
Instrument :

BNA_G

ClientSampleId :



Tot Ion:	165	Resp:	12467
Ion	Ratio	Lower	Upper
165	100		
63	2.7	42.0	63.0#
89	3.0	66.9	100.3#
182	0.0	2.6	3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

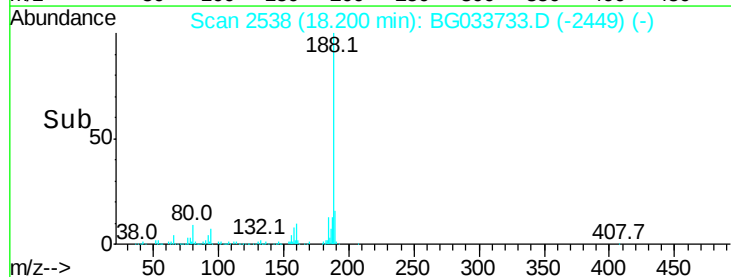
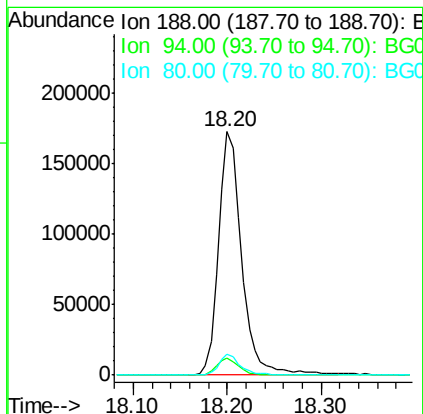
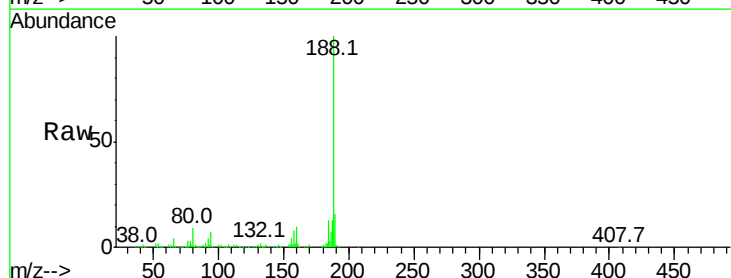
RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

Tgt Ion:	188	Resp:	298007
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.8	7.7	11.5

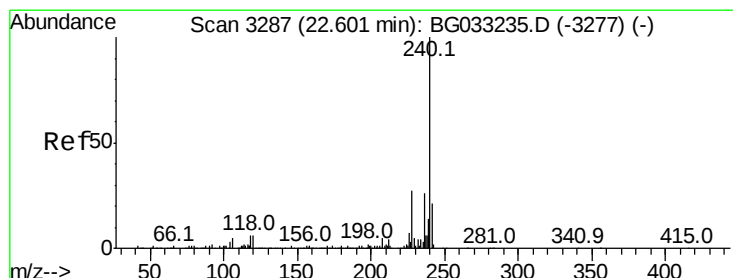
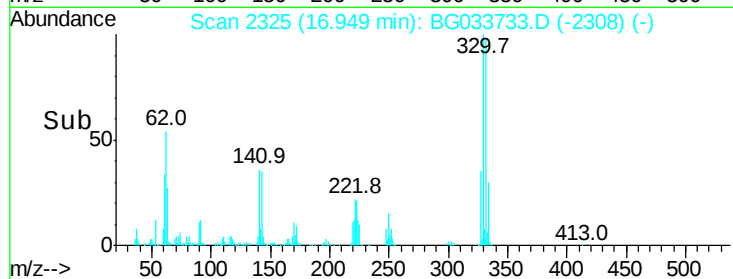
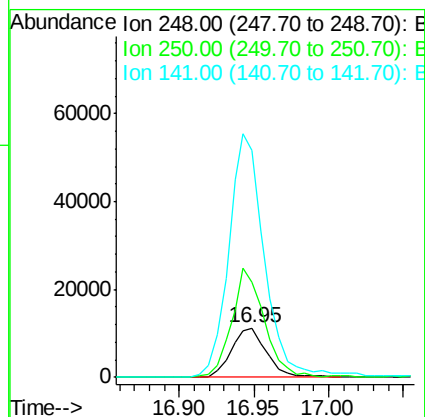
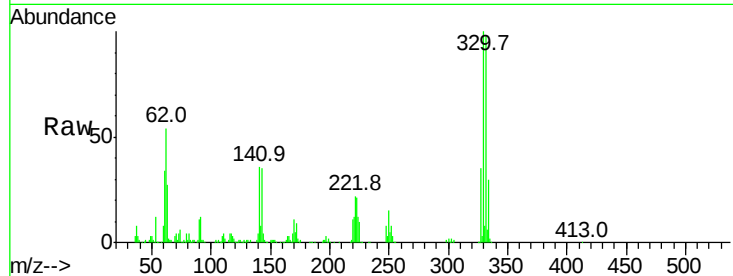




#66
 4-Bromophenyl-phenylether
 Concen: 5.238 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

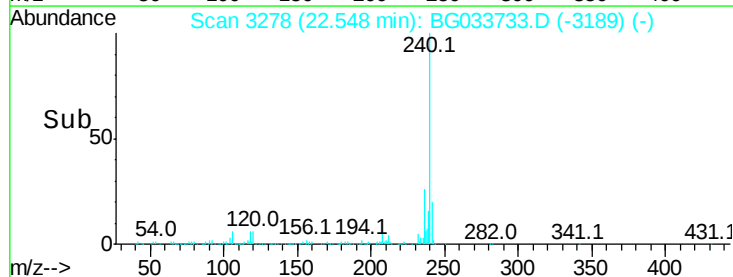
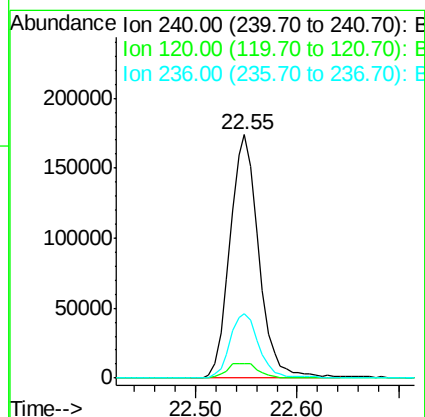
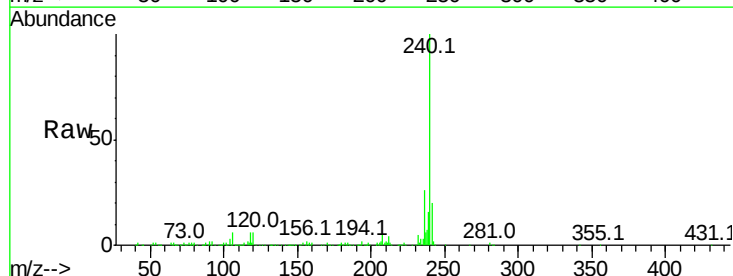
Instrument :
 BNA_G
 ClientSampled :

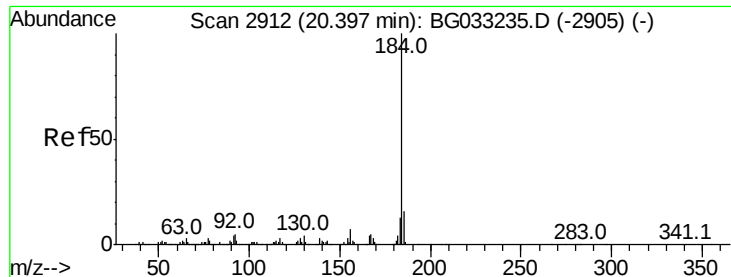
Tot Ion:248 Resp: 18333
 Ion Ratio Lower Upper
 248 100
 250 193.6 77.1 115.7#
 141 460.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

Tgt Ion:240 Resp: 342849
 Ion Ratio Lower Upper
 240 100
 120 6.2 6.8 10.2#
 236 26.4 20.9 31.3

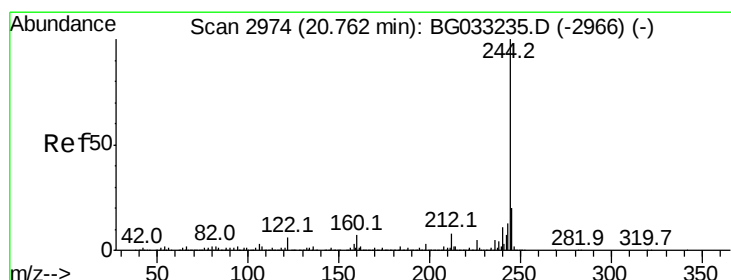
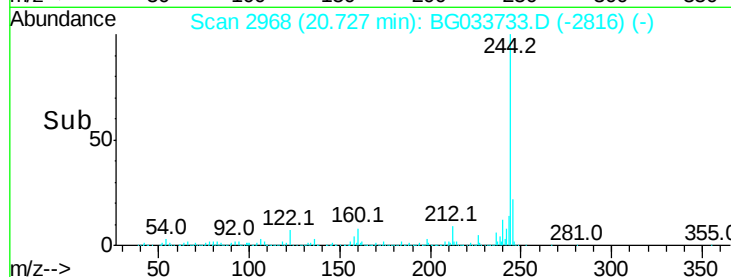
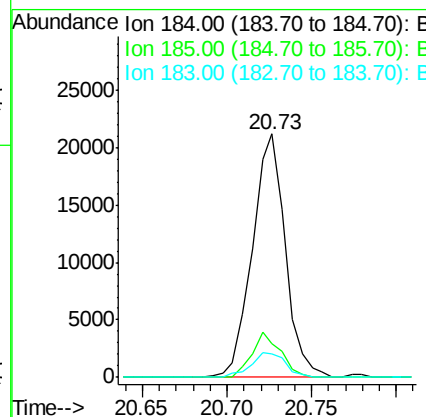
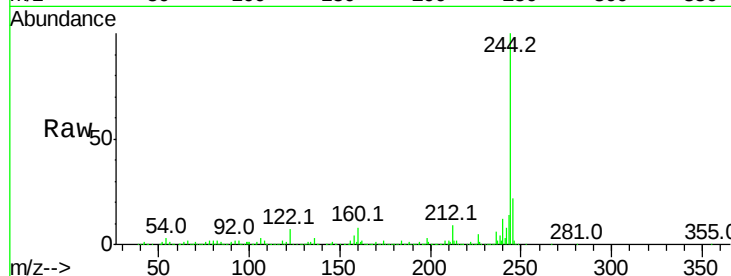




#76
Benzidine
Concen: 3.090 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.37 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

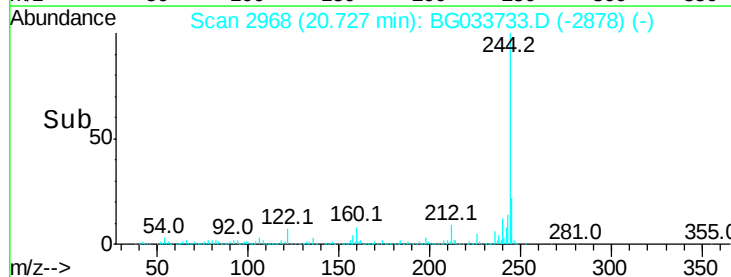
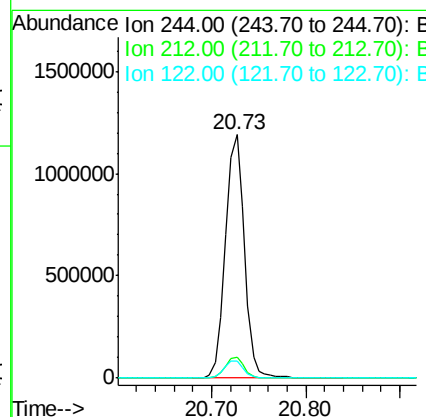
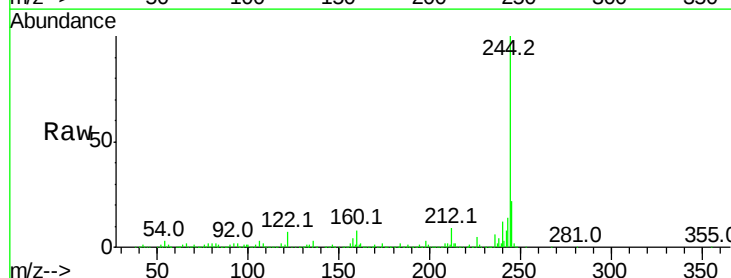
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 28733
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 9.8 10.6 16.0#



#78
Terphenyl-d14
Concen: 105.156 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Tgt Ion:244 Resp: 1685799
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 7.3 7.0 10.4

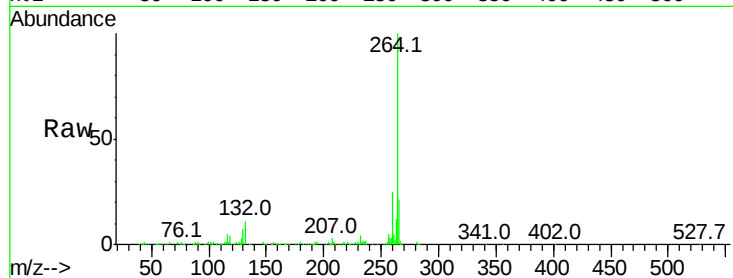




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	21.4	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

