

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033833.D
 Acq On : 17 Apr 2018 2:54
 Operator : SJ/JU
 Sample : J2391-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 17 04:09:05 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

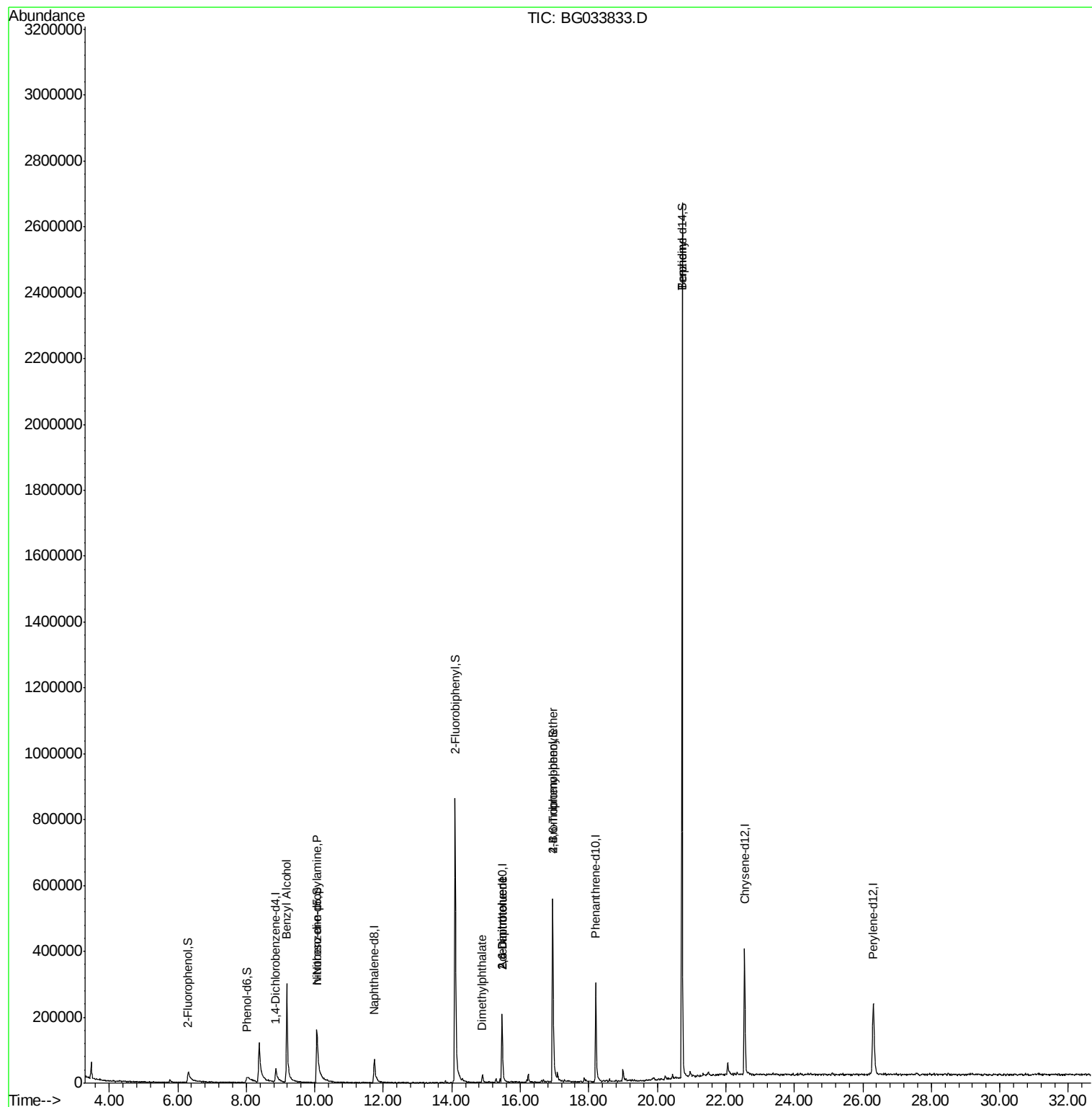
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	19045	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	117742	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	96653	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	274462	20.00	ng	0.00
75) Chrysene-d12	22.55	240	293308	20.00	ng	0.00
86) Perylene-d12	26.31	264	323393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	30877	30.40	ng	0.01
7) Phenol-d6	8.02	99	11808	6.77	ng	0.03
23) Nitrobenzene-d5	10.06	82	233902	91.27	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	148942	103.03	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	667807	99.75	ng	0.00
78) Terphenyl-d14	20.73	244	1418137	103.40	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3539	2.576	ng	# 59
19) n-Nitroso-di-n-propylamine	10.06	70	26703	20.882	ng	# 80
49) Dimethylphthalate	14.90	163	25422	3.022	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	12352	7.182	ng	# 23
56) 2,4-Dinitrotoluene	15.47	165	12494	4.934	ng	# 21
66) 4-Bromophenyl-phenylether	16.95	248	10396	3.225	ng	# 1
76) Benizidine	20.73	184	23590	2.966	ng	# 93

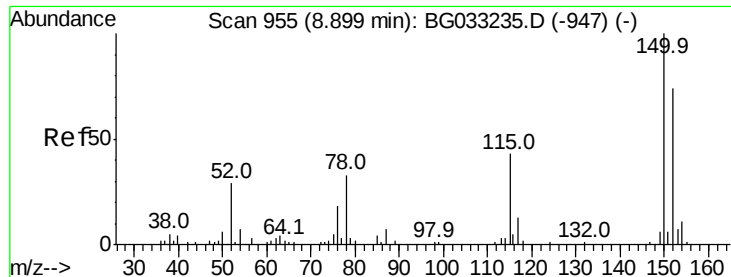
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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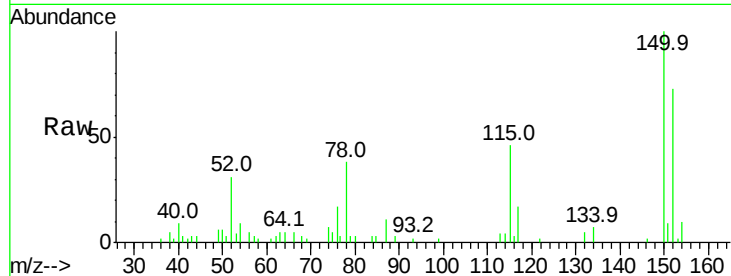


#1

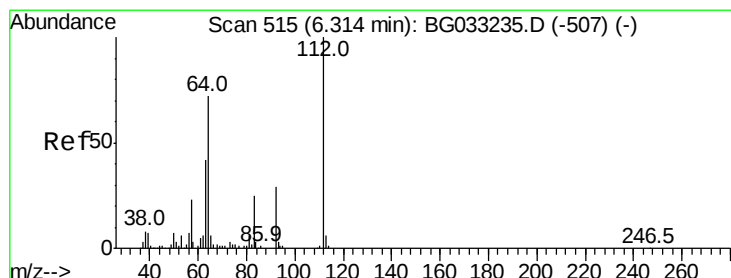
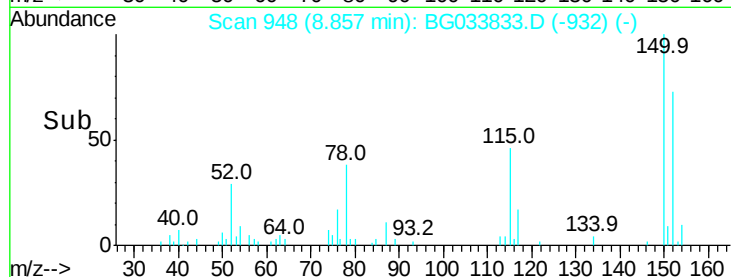
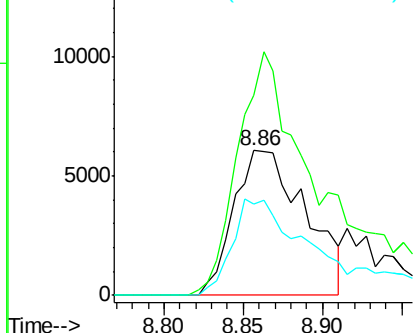
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033833.D
Acq: 17 Apr 2018 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 19045
Ion Ratio Lower Upper
152 100
150 137.9 126.6 189.8
115 63.1 53.0 79.4



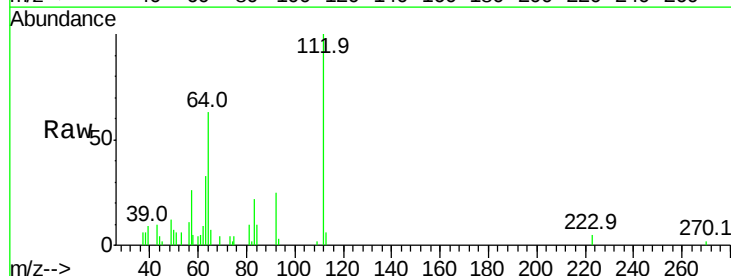
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



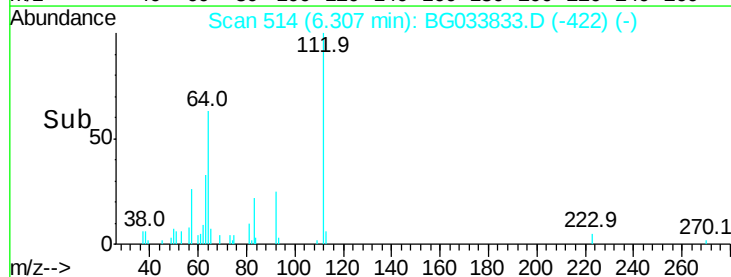
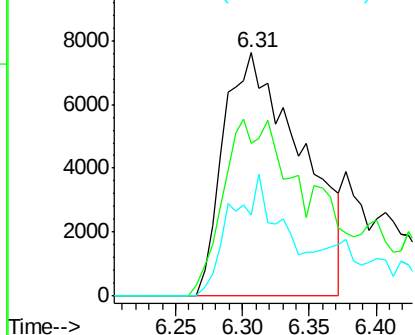
#5

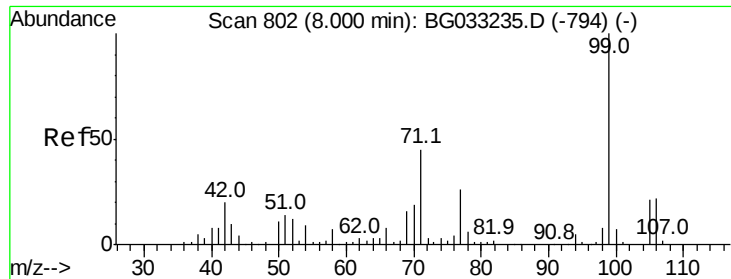
2-Fluorophenol
Concen: 30.401 ng
RT: 6.31 min Scan# 514
Delta R.T. 0.01 min
Lab File: BG033833.D
Acq: 17 Apr 2018 2:54

Tgt Ion:112 Resp: 30877
Ion Ratio Lower Upper
112 100
64 62.6 56.3 84.5
63 33.2 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: 6.766 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.03 min

Lab File: BG033833.D

Acq: 17 Apr 2018 2:54

Instrument :

BNA_G

ClientSampleId :

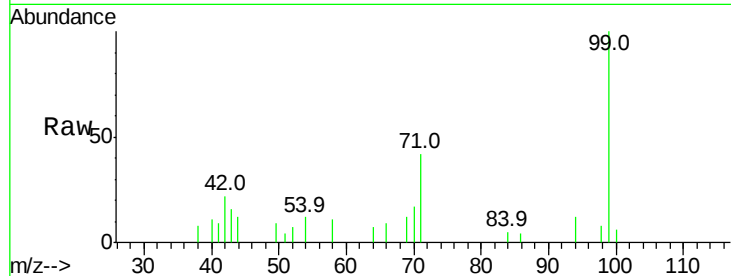
Tot Ion: 99 Resp: 11808

Ion Ratio Lower Upper

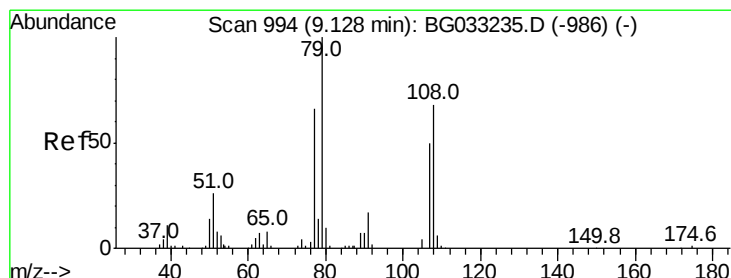
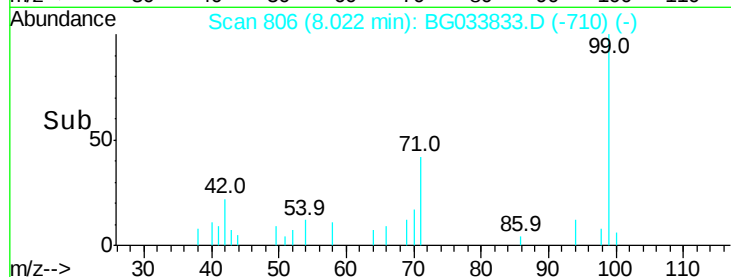
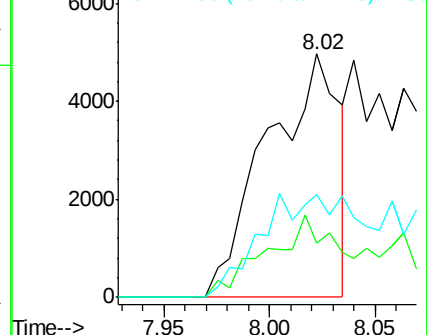
99 100

42 22.3 14.1 21.1#

71 42.0 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: 2.576 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033833.D

Acq: 17 Apr 2018 2:54

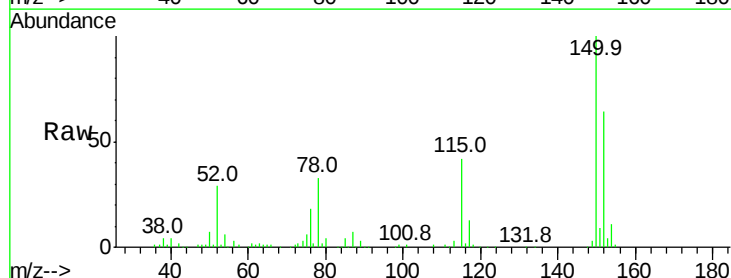
Tgt Ion: 79 Resp: 3539

Ion Ratio Lower Upper

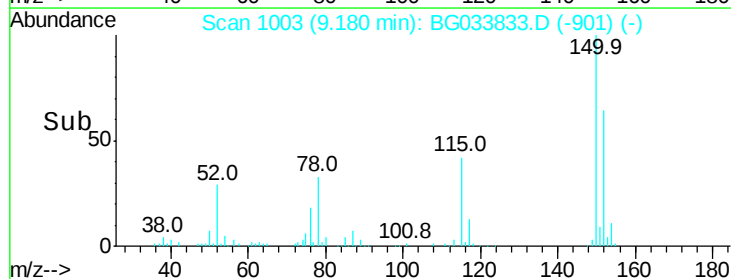
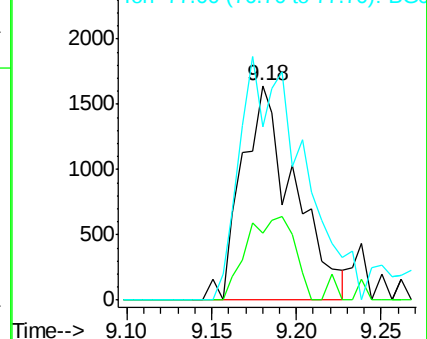
79 100

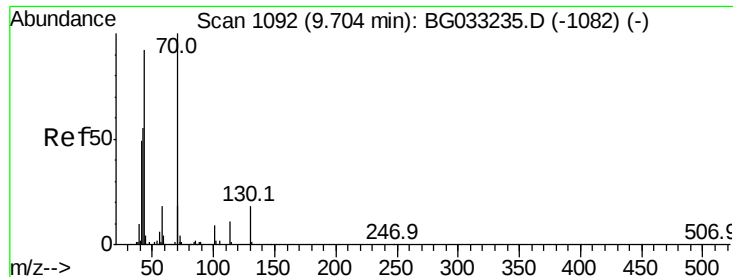
108 31.0 57.2 85.8#

77 80.9 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: 20.882 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033833.D

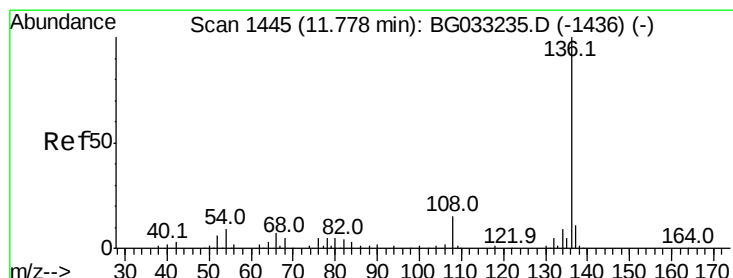
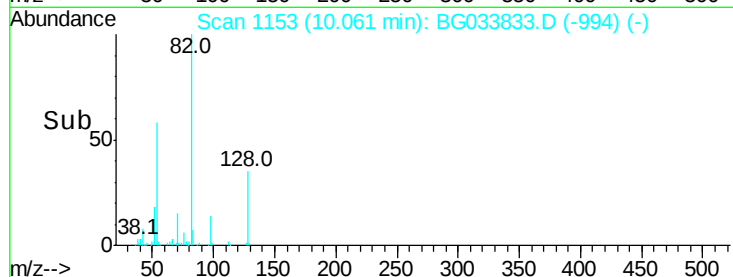
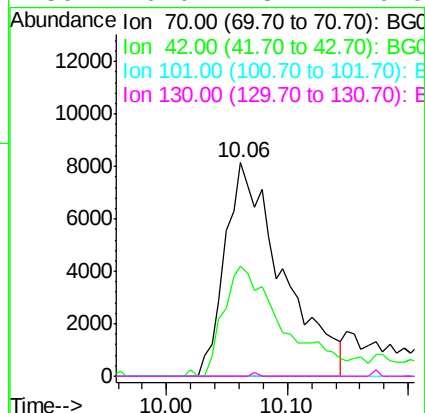
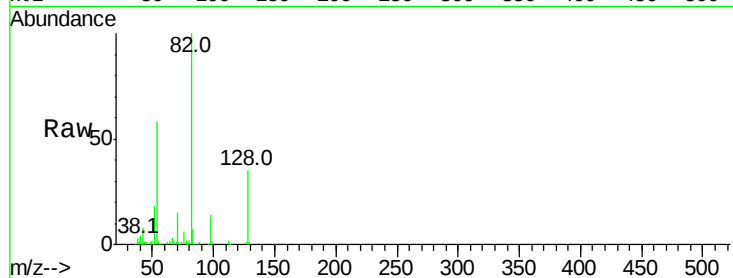
Acq: 17 Apr 2018 2:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	26703
Ion	Ratio	Lower	Upper
70	100		
42	51.6	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

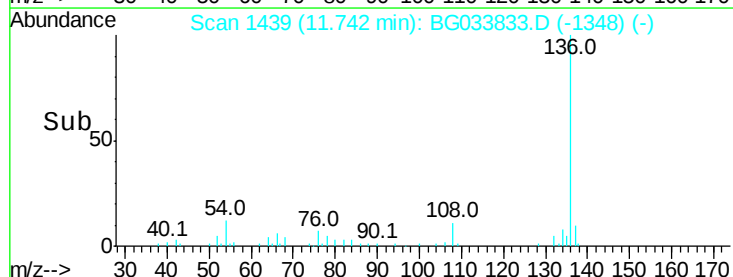
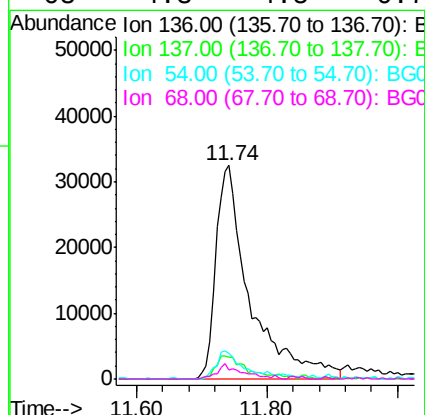
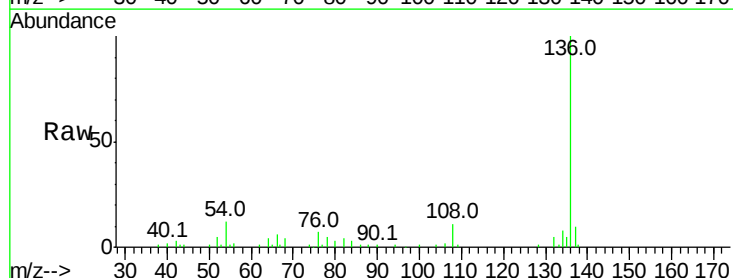
RT: 11.74 min Scan# 1439

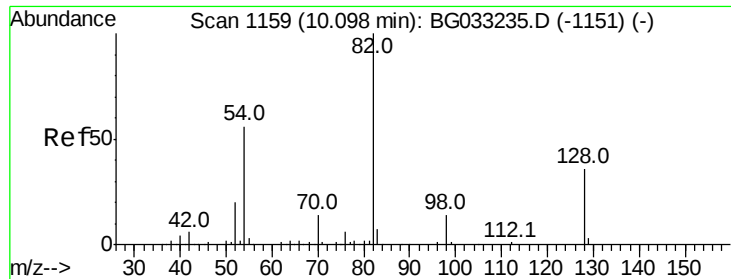
Delta R.T. 0.00 min

Lab File: BG033833.D

Acq: 17 Apr 2018 2:54

Tgt Ion:	136	Resp:	117742
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	11.8	10.3	15.5
68	4.3	4.5	6.7#

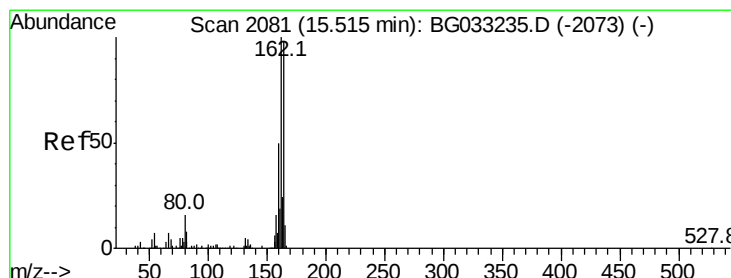
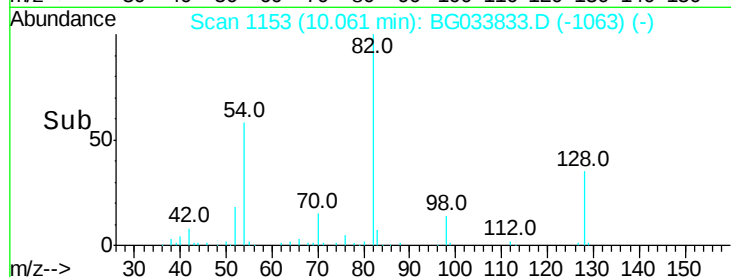
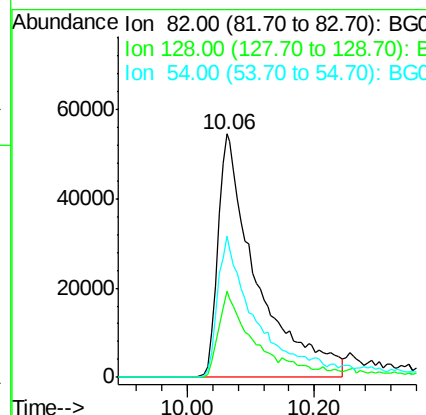
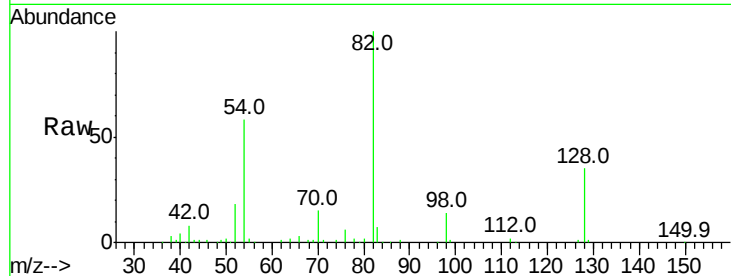




#23
 Nitrobenzene-d5
 Concen: 91.271 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033833.D
 Acq: 17 Apr 2018 2:54

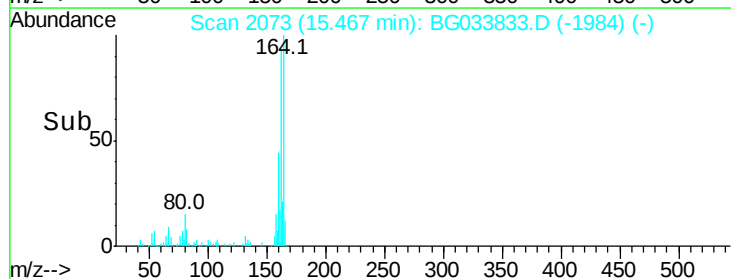
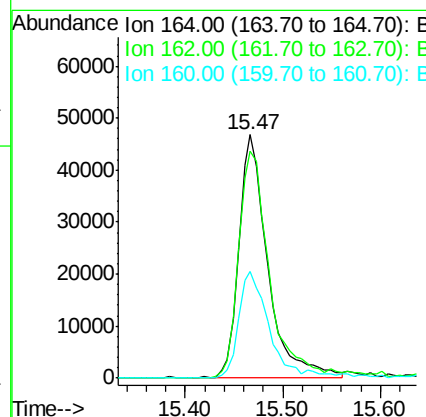
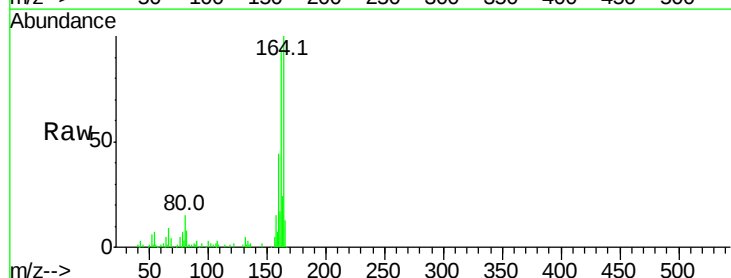
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	233902
Ion Ratio	Lower	Upper	
82	100		
128	35.3	29.7	44.5
54	57.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG033833.D
 Acq: 17 Apr 2018 2:54

Tgt Ion	164	Resp	96653
Ion Ratio	Lower	Upper	
164	100		
162	93.1	78.8	118.2
160	43.6	35.4	53.0

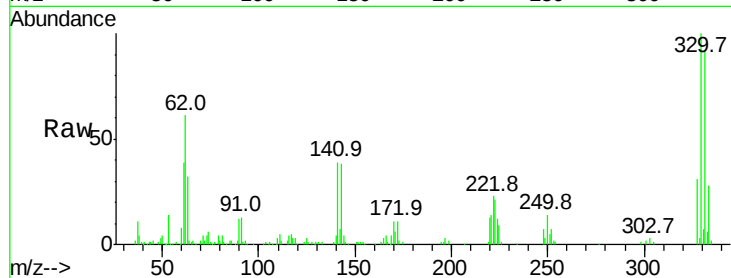




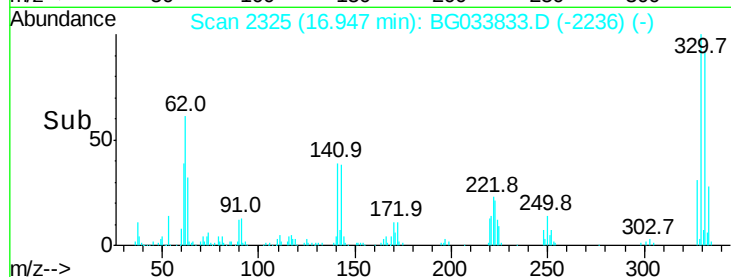
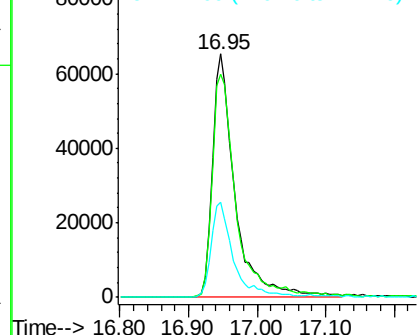
#41
 2,4,6-Tribromophenol
 Concen: 103.034 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033833.D
 Acq: 17 Apr 2018 2:54

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 148942
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 38.6 25.2 37.8#

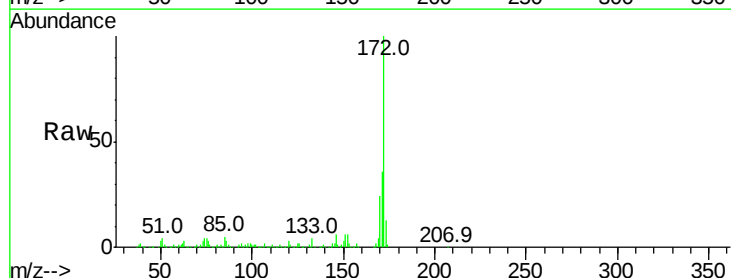


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

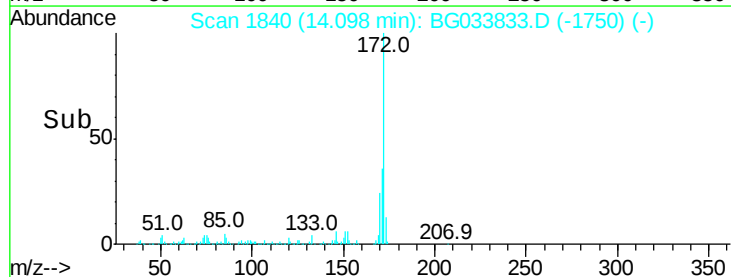
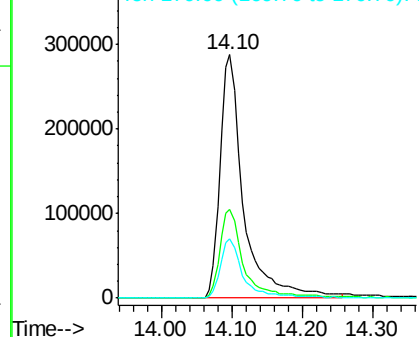


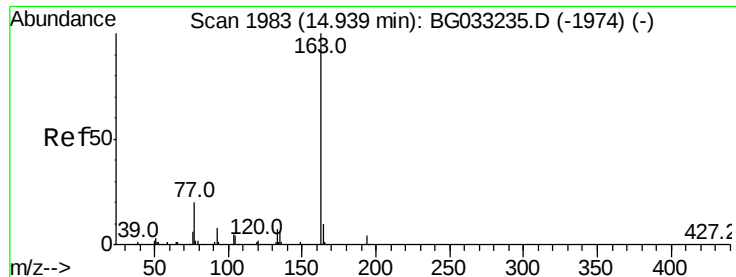
#44
 2-Fluorobiphenyl
 Concen: 99.745 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033833.D
 Acq: 17 Apr 2018 2:54

Tgt Ion:172 Resp: 667807
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 24.4 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

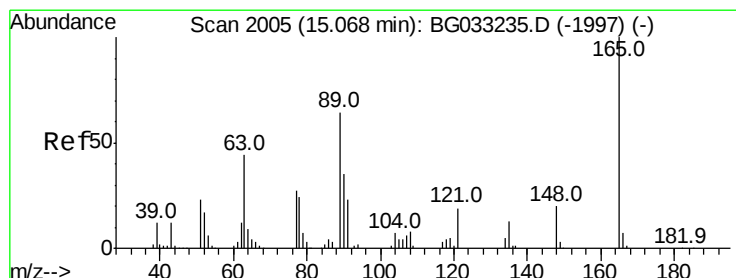
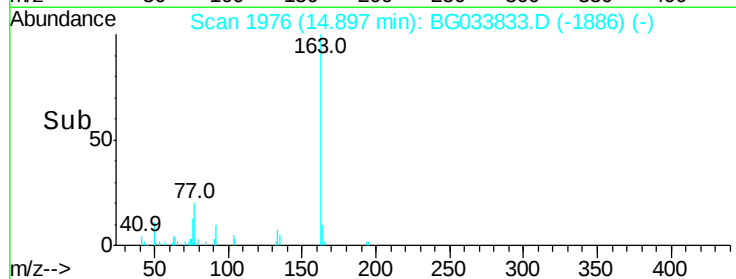
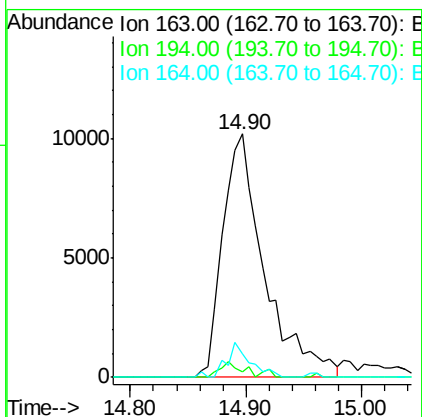
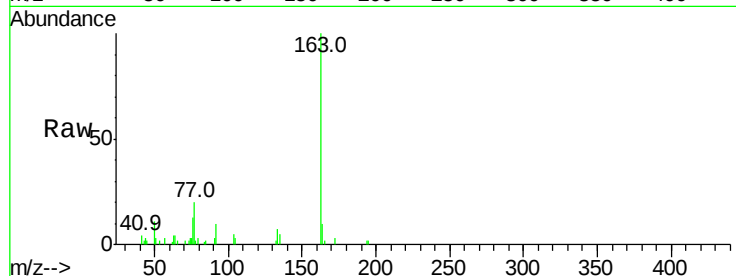




#49
Dimethylphthalate
Concen: 3.022 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG033833.D
Acq: 17 Apr 2018 2:54

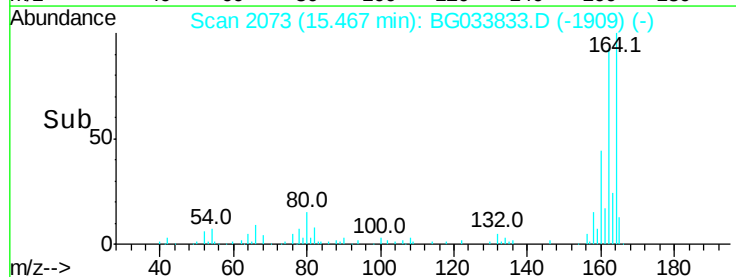
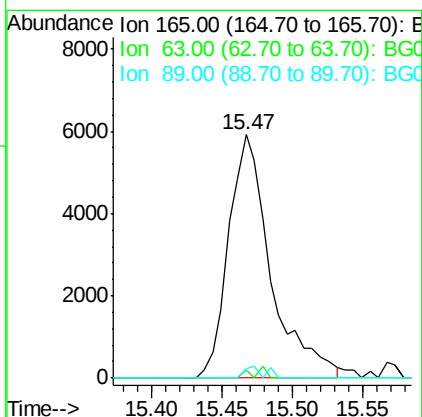
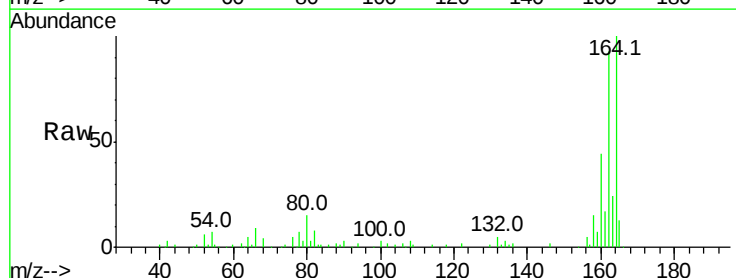
Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 25422
Ion Ratio Lower Upper
163 100
194 2.1 3.4 5.2#
164 9.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.182 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.43 min
Lab File: BG033833.D
Acq: 17 Apr 2018 2:54

Tgt Ion:165 Resp: 12352
Ion Ratio Lower Upper
165 100
63 3.1 52.7 79.1#
89 4.1 49.2 73.8#





#56

2,4-Dinitrotoluene

Concen: 4.934 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.35 min

Lab File: BG033833.D

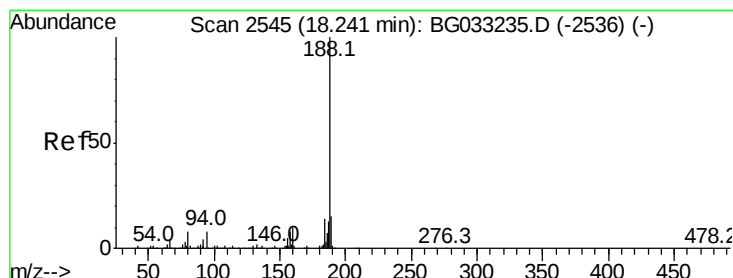
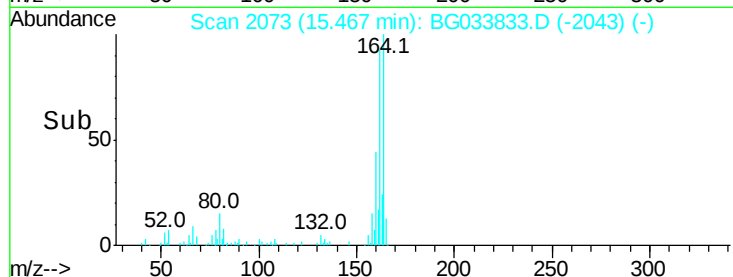
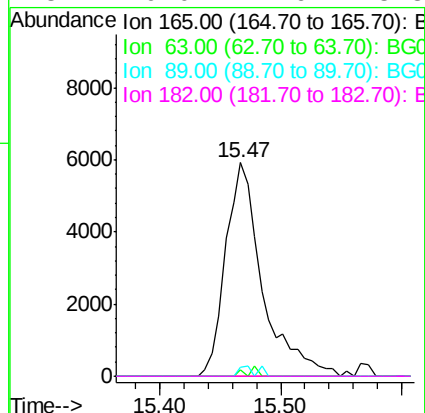
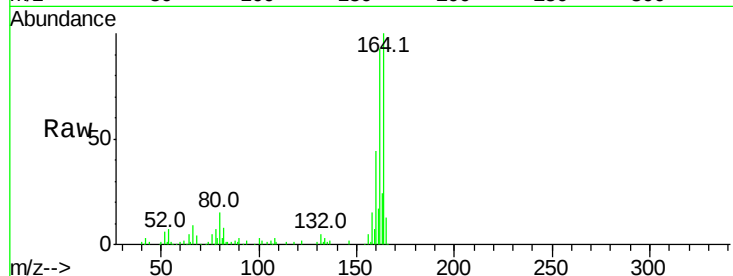
Acq: 17 Apr 2018 2:54

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165	Resp:	12494
Ion Ratio	Lower	Upper
165	100	
63	3.1	42.0 63.0#
89	4.1	66.9 100.3#
182	0.0	2.6 3.8#



#63

Phenanthrene-d10

Concen: 20.000 ng

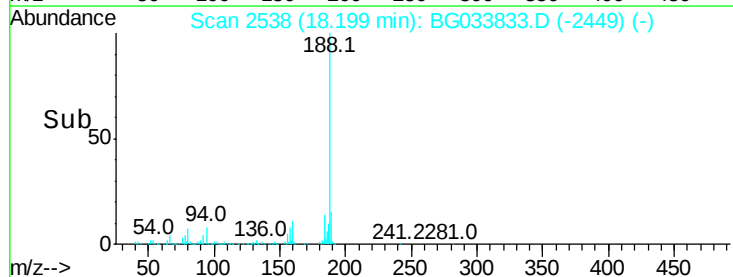
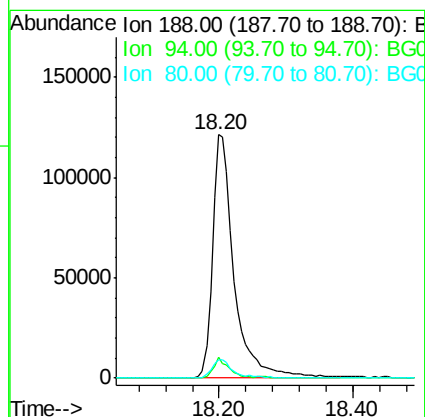
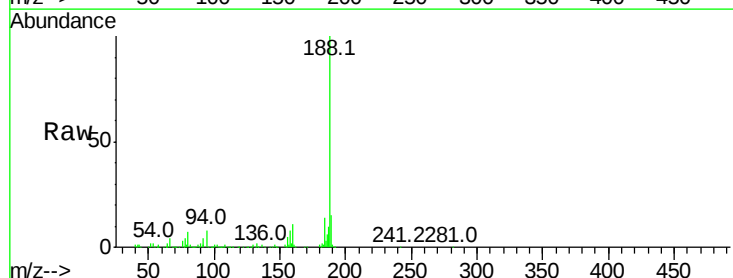
RT: 18.20 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BG033833.D

Acq: 17 Apr 2018 2:54

Tgt Ion:188	Resp:	274462
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.9 10.3
80	7.3	7.7 11.5#

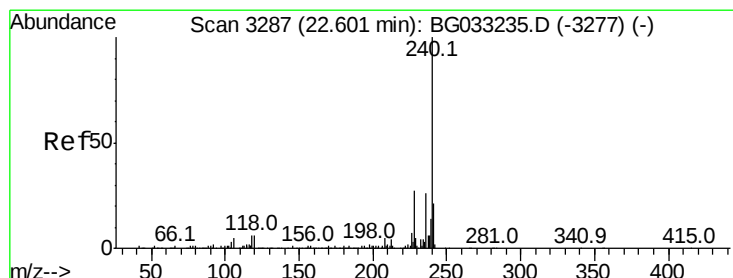
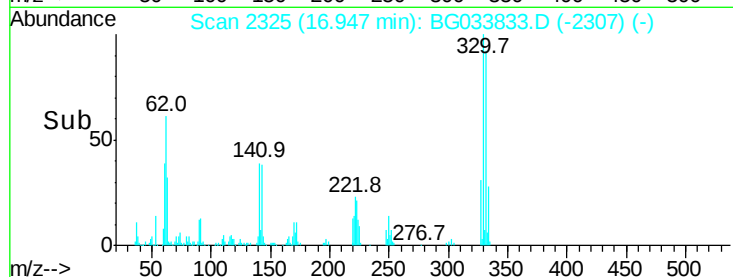
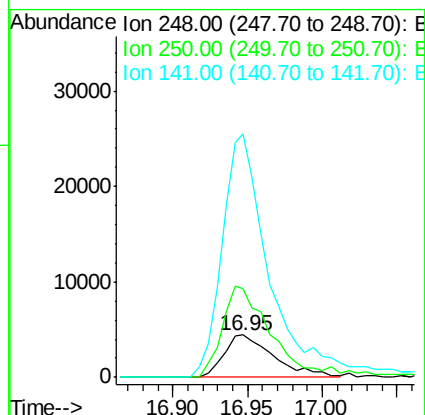
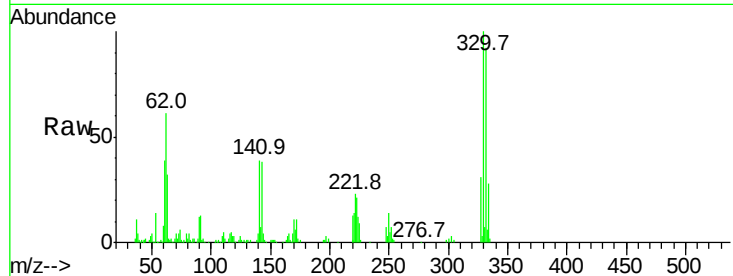




#66
 4-Bromophenyl-phenylether
 Concen: 3.225 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.42 min
 Lab File: BG033833.D
 Acq: 17 Apr 2018 2:54

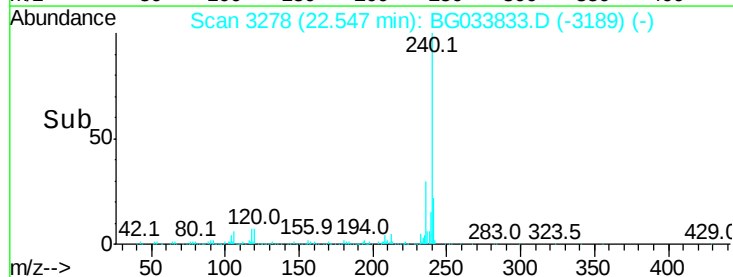
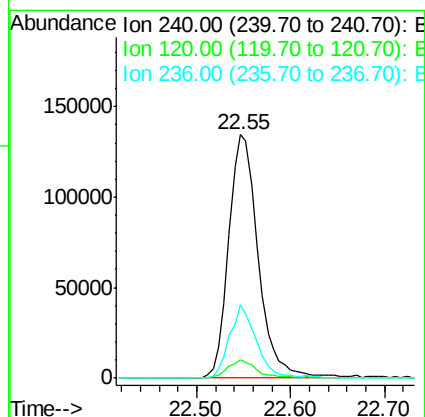
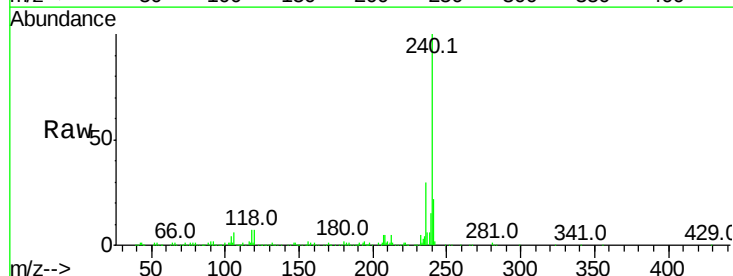
Instrument :
 BNA_G
 ClientSampleId :

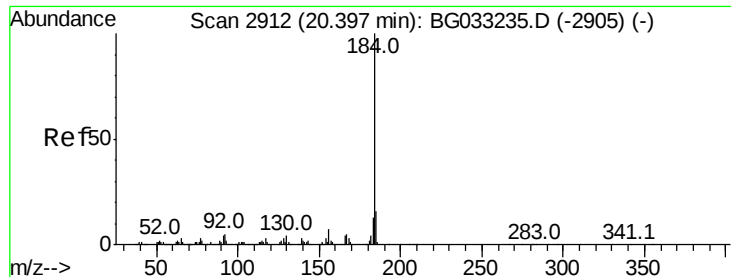
Tot Ion:248 Resp: 10396
 Ion Ratio Lower Upper
 248 100
 250 209.6 77.1 115.7#
 141 577.0 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG033833.D
 Acq: 17 Apr 2018 2:54

Tgt Ion:240 Resp: 293308
 Ion Ratio Lower Upper
 240 100
 120 7.4 6.8 10.2
 236 30.0 20.9 31.3





#76

Benzidine

Concen: 2.966 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.35 min

Lab File: BG033833.D

Acq: 17 Apr 2018 2:54

Instrument :

BNA_G

ClientSampleId :

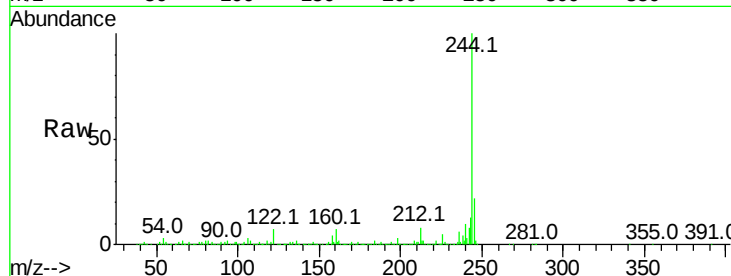
Tot Ion:184 Resp: 23590

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

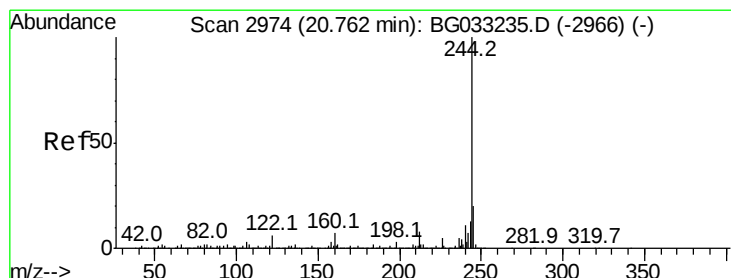
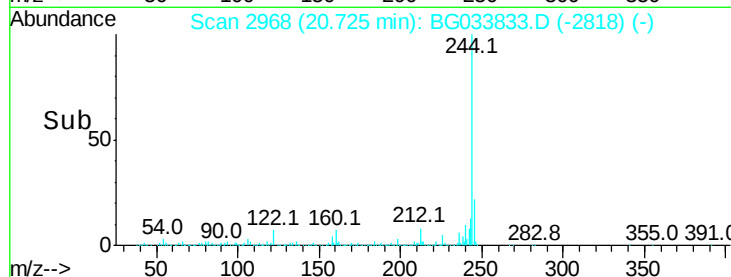
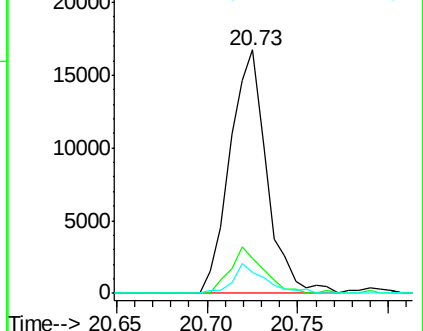
183 8.6 10.6 16.0#



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: 103.401 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033833.D

Acq: 17 Apr 2018 2:54

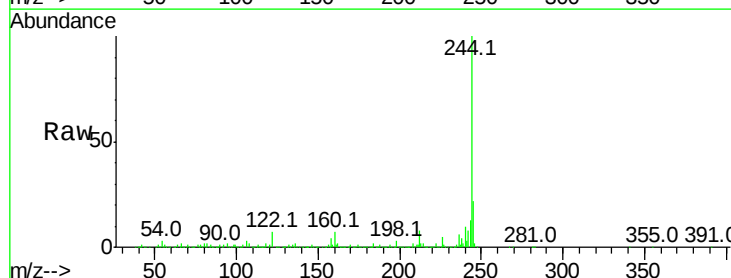
Tgt Ion:244 Resp: 1418137

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

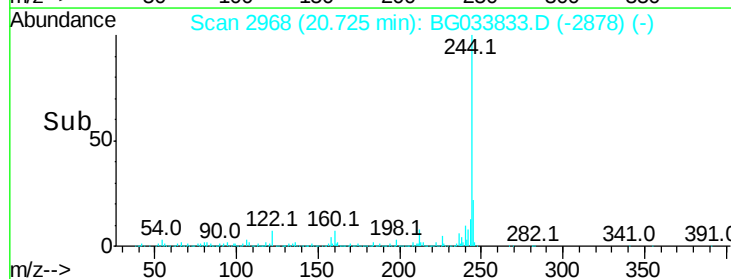
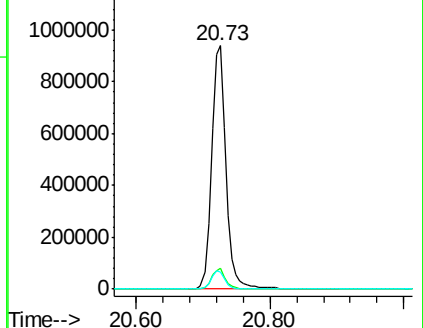
122 7.0 7.0 10.4

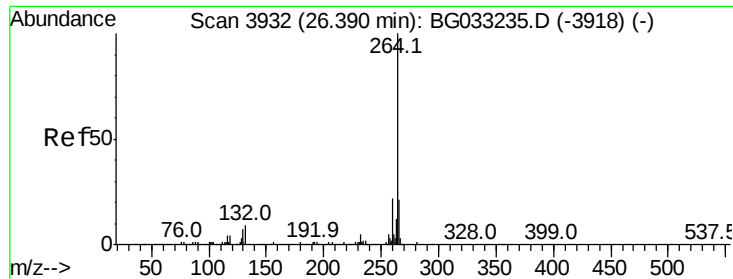


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3918
Delta R.T. -0.02 min
Lab File: BG033833.D
Acq: 17 Apr 2018 2:54

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	22.0	17.7	26.5

