

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033751.D
 Acq On : 11 Apr 2018 18:47
 Operator : SJ/JU
 Sample : J2320-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:35:16 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

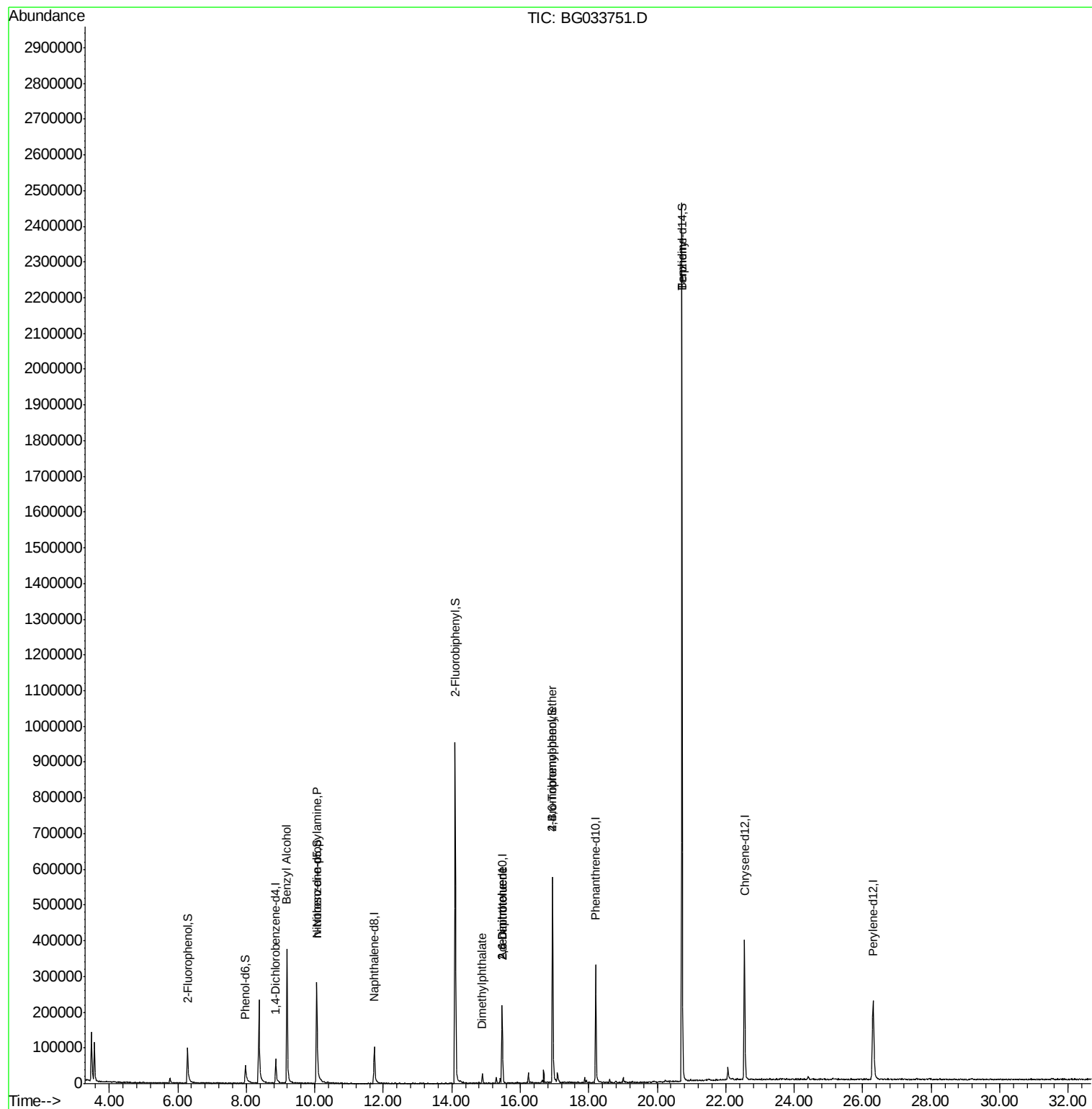
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	24381	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	110466	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	84751	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	251290	20.00	ng	0.00
75) Chrysene-d12	22.55	240	282155	20.00	ng	0.00
86) Perylene-d12	26.30	264	300347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	53976	41.51	ng	0.00
7) Phenol-d6	7.97	99	51300	22.96	ng	0.00
23) Nitrobenzene-d5	10.06	82	232463	96.68	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	115919	91.45	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	558581	95.15	ng	0.00
78) Terphenyl-d14	20.73	244	1269559	96.23	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4438	2.523	ng	# 54
19) n-Nitroso-di-n-propylamine	10.06	70	29651	18.113	ng	# 69
49) Dimethylphthalate	14.89	163	18872	2.559	ng	# 97
50) 2,6-Dinitrotoluene	15.47	165	10375	6.879	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	10375	4.672	ng	# 16
66) 4-Bromophenyl-phenylether	16.94	248	8862	3.003	ng	# 1
76) Benizidine	20.73	184	19862	2.596	ng	# 96

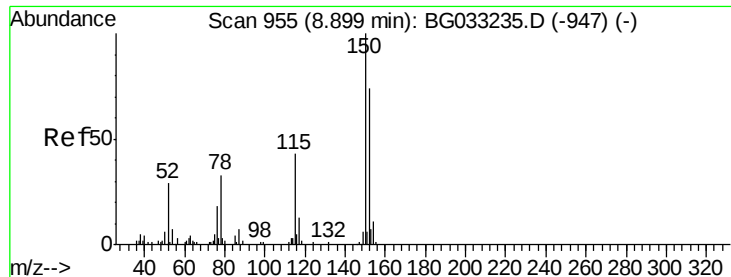
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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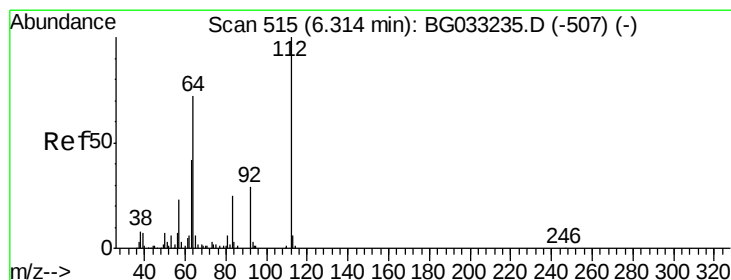
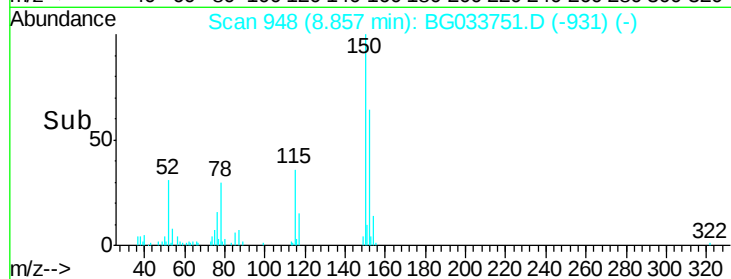
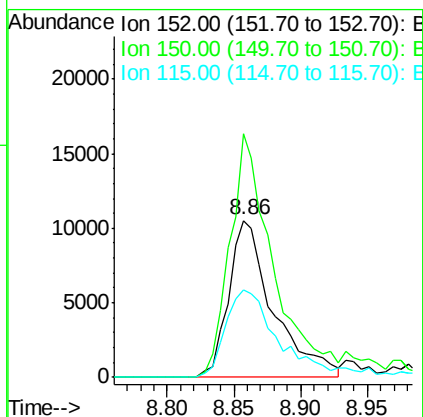
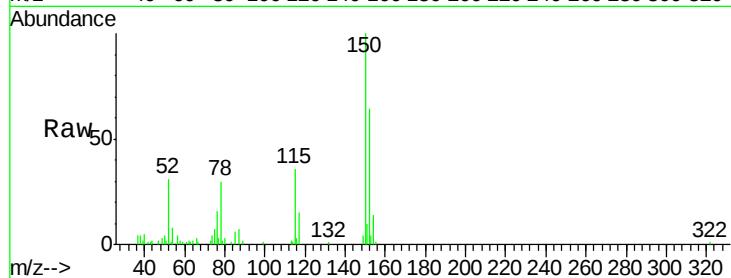


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

Instrument :
BNA_G
ClientSampleId :

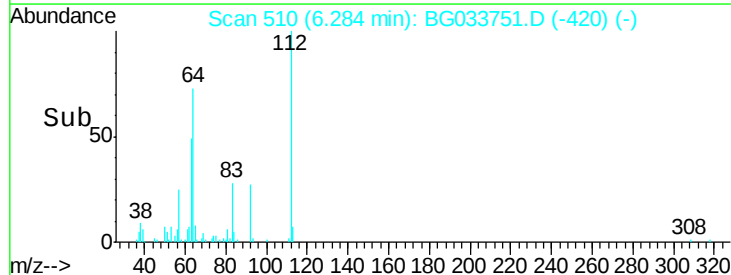
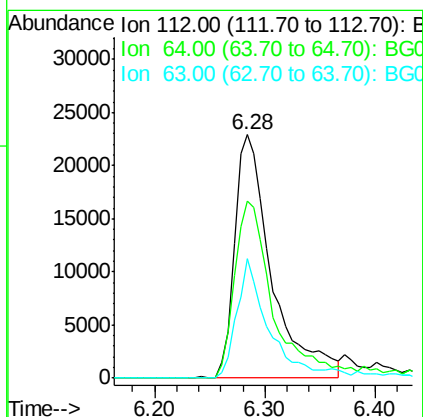
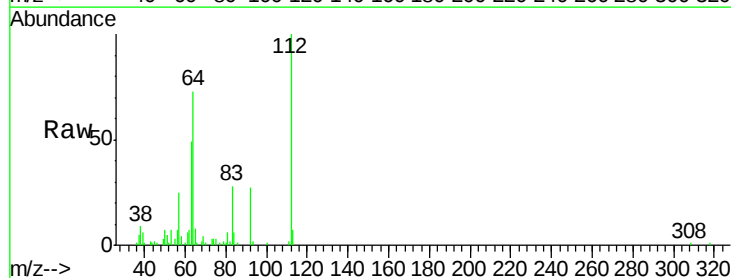
Tot Ion:152 Resp: 24381
Ion Ratio Lower Upper
152 100
150 155.5 126.6 189.8
115 56.1 53.0 79.4

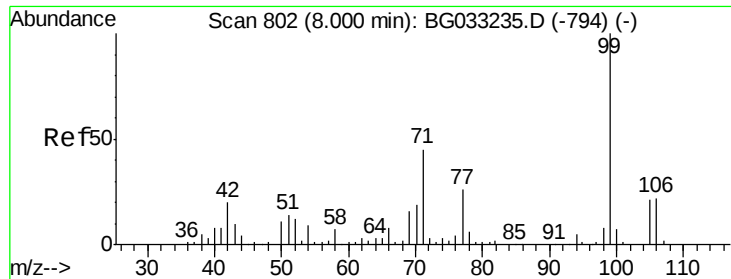


#5

2-Fluorophenol
Concen: 41.512 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

Tgt Ion:112 Resp: 53976
Ion Ratio Lower Upper
112 100
64 72.9 56.3 84.5
63 49.2 30.1 45.1#





#7

Phenol-d6

Concen: 22.963 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

BNA_G

ClientSampleId :

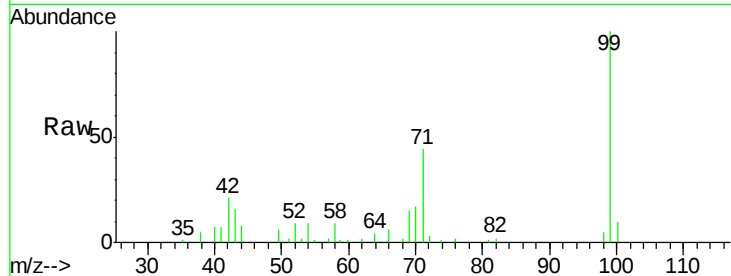
Tot Ion: 99 Resp: 51300

Ion Ratio Lower Upper

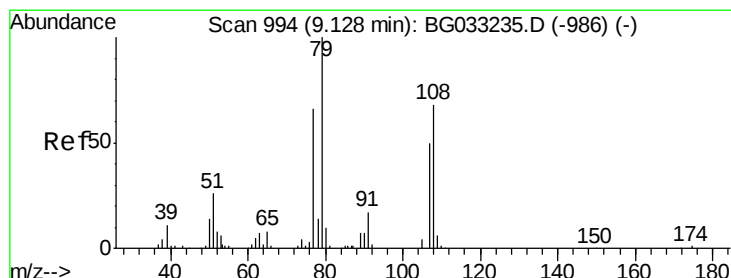
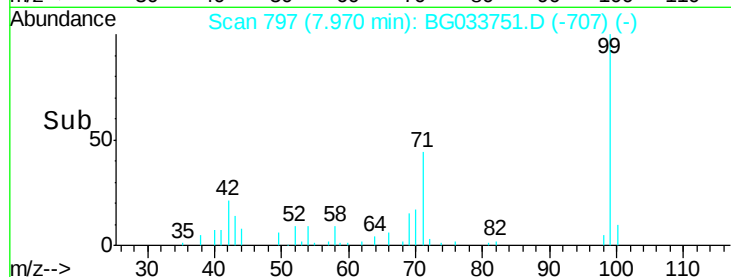
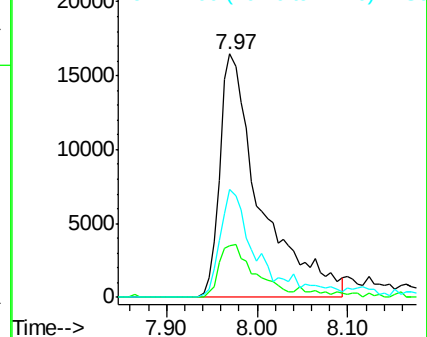
99 100

42 21.3 14.1 21.1#

71 44.3 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: 2.523 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

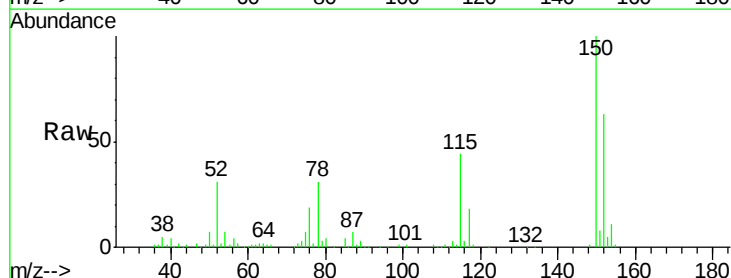
Tgt Ion: 79 Resp: 4438

Ion Ratio Lower Upper

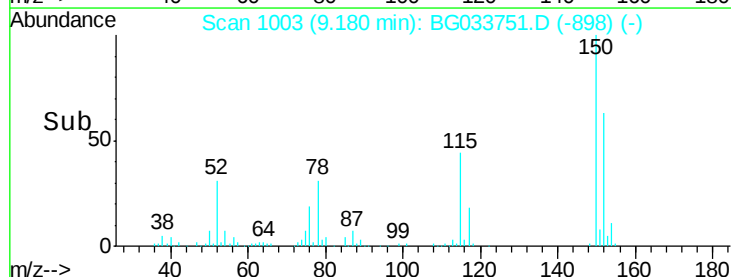
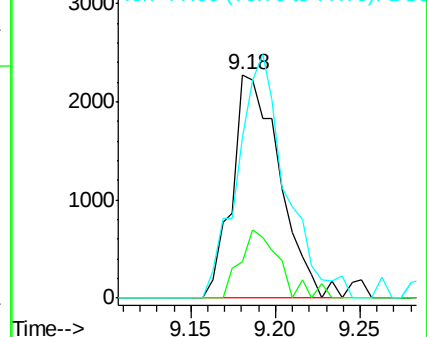
79 100

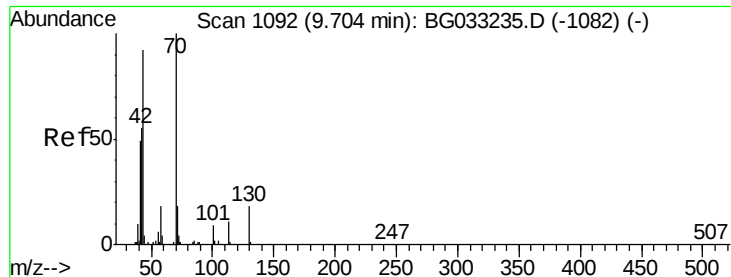
108 16.0 57.2 85.8#

77 72.1 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

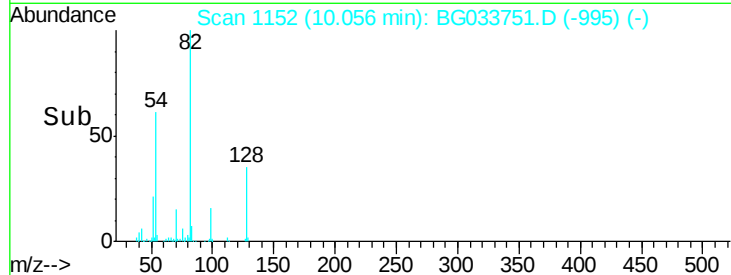
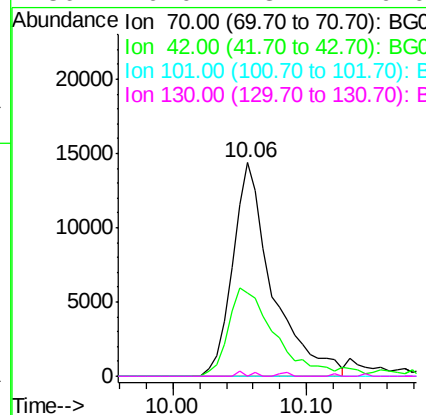
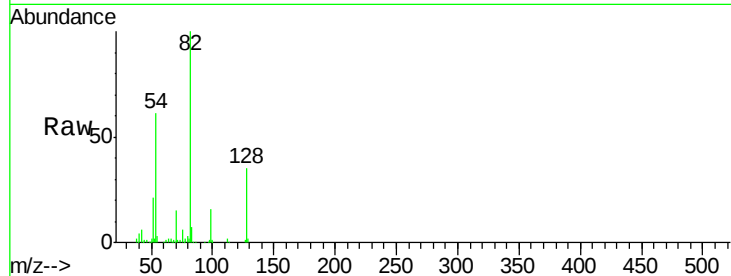




#19
n-Nitroso-di-n-propylamine
Concen: 18.113 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.39 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

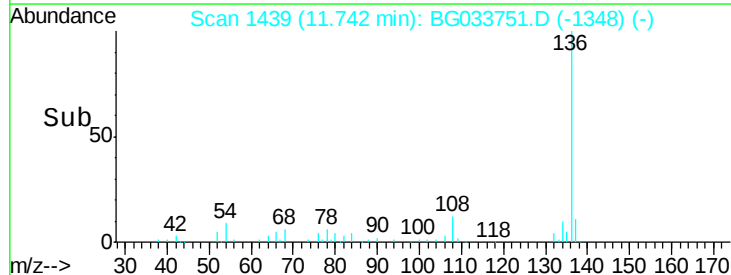
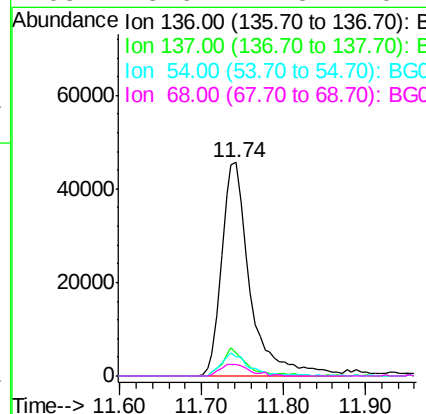
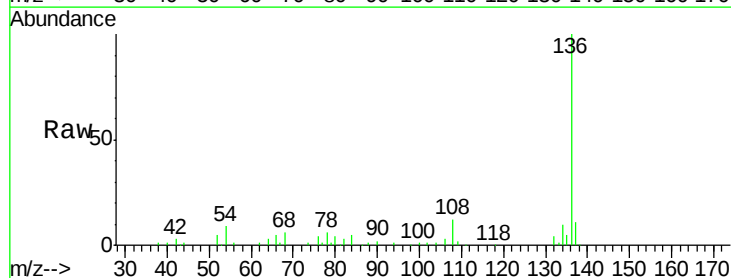
Instrument :
BNA_G
ClientSampleId :

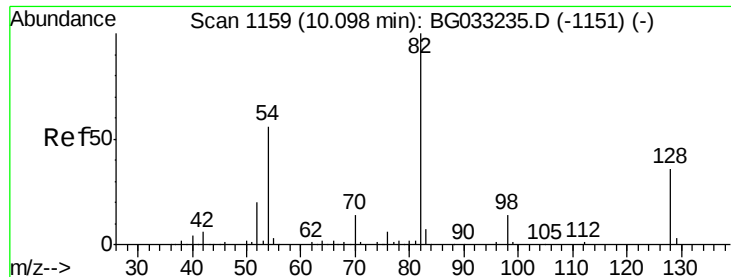
Tot Ion: 70 Resp: 29651
Ion Ratio Lower Upper
70 100
42 39.2 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

Tgt Ion: 136 Resp: 110466
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 9.0 10.3 15.5#
68 5.6 4.5 6.7

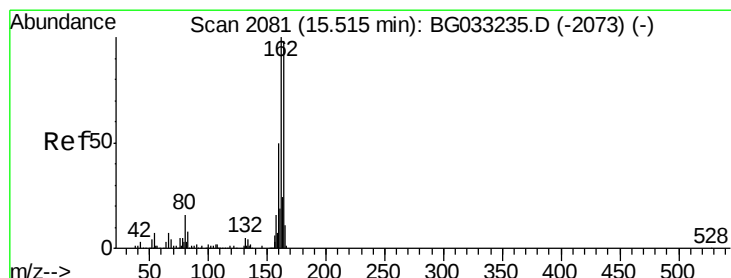
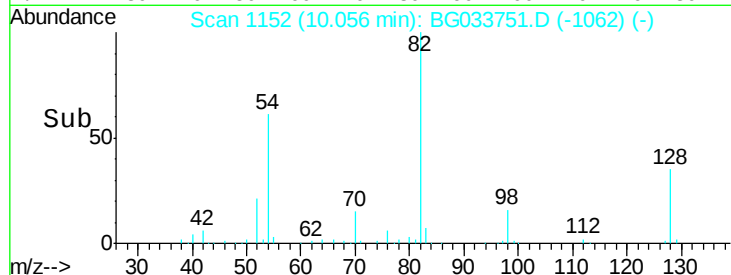
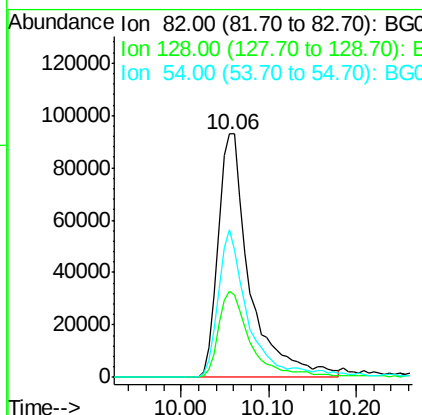
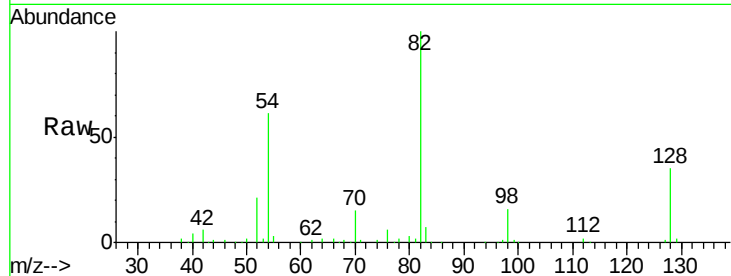




#23
 Nitrobenzene-d5
 Concen: 96.684 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033751.D
 Acq: 11 Apr 2018 18:47

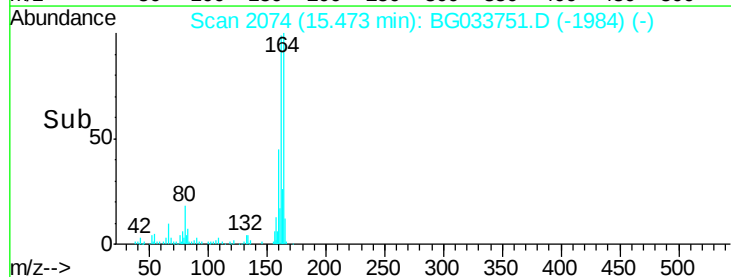
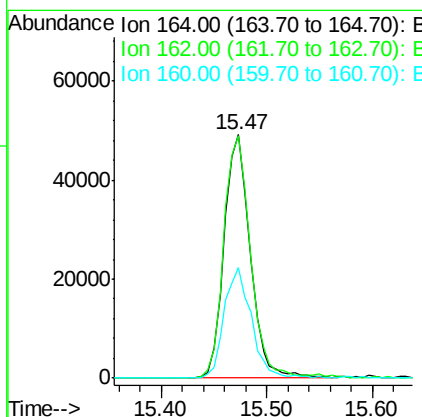
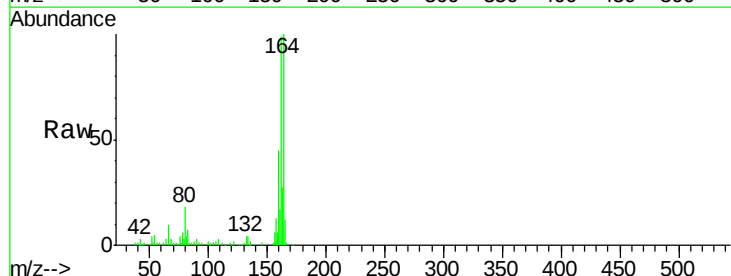
Instrument :
 BNA_G
 ClientSampleId :

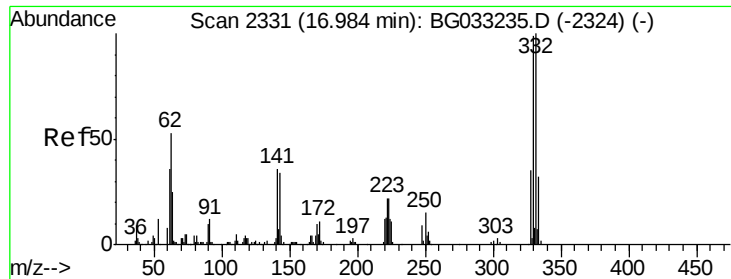
Tot Ion: 82 Resp: 232463
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 60.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033751.D
 Acq: 11 Apr 2018 18:47

Tgt Ion: 164 Resp: 84751
 Ion Ratio Lower Upper
 164 100
 162 99.3 78.8 118.2
 160 45.3 35.4 53.0

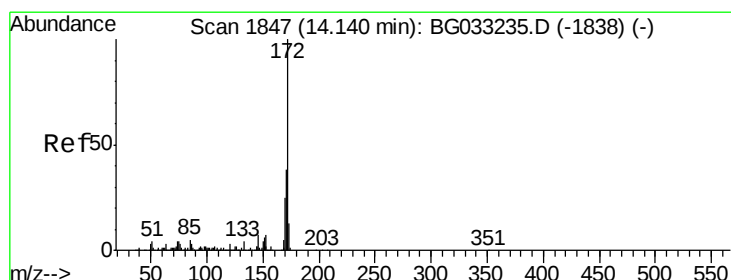
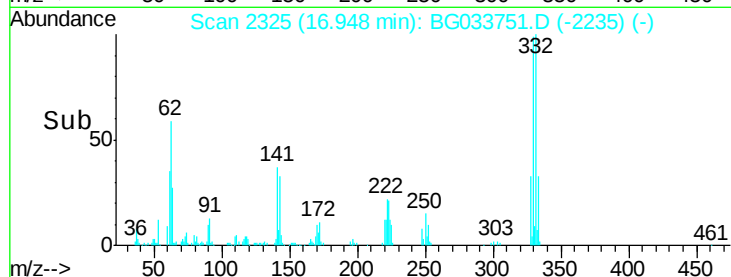
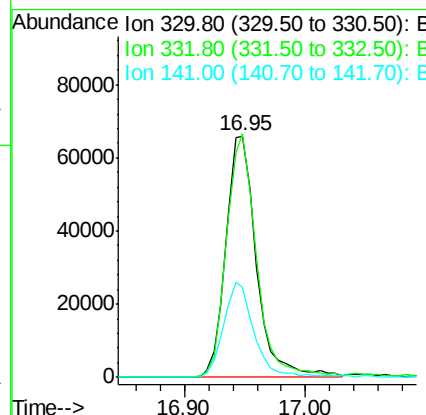
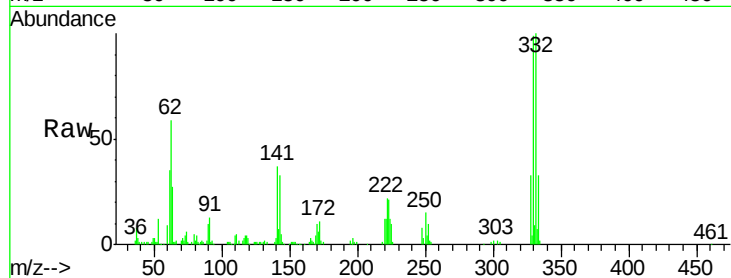




#41
 2,4,6-Tribromophenol
 Concen: 91.451 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033751.D
 Acq: 11 Apr 2018 18:47

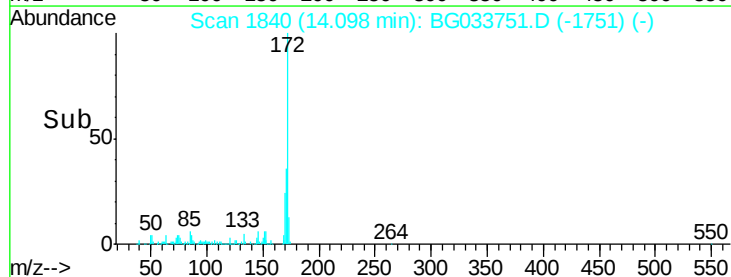
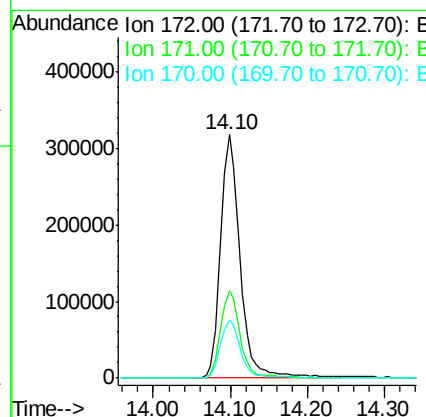
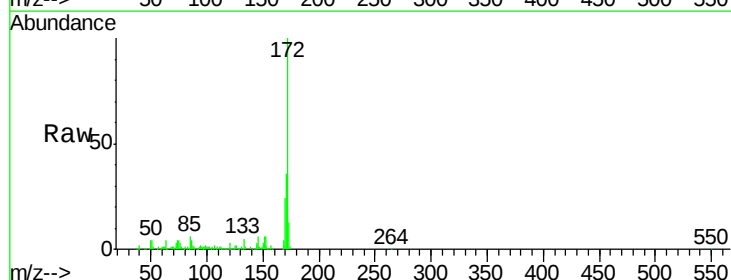
Instrument :
 BNA_G
 ClientSampleId :

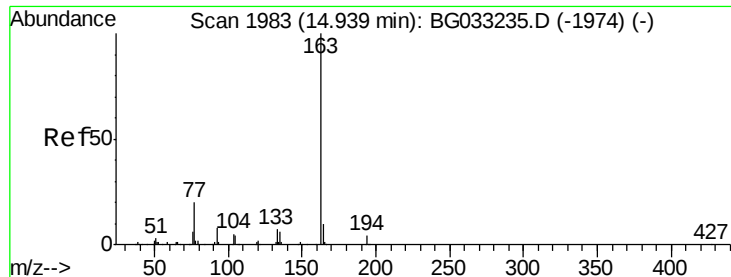
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	77.0	115.6
141	39.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 95.148 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033751.D
 Acq: 11 Apr 2018 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	23.8	19.5	29.3





#49

Dimethylphthalate

Concen: 2.559 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

BNA_G

ClientSampleId :

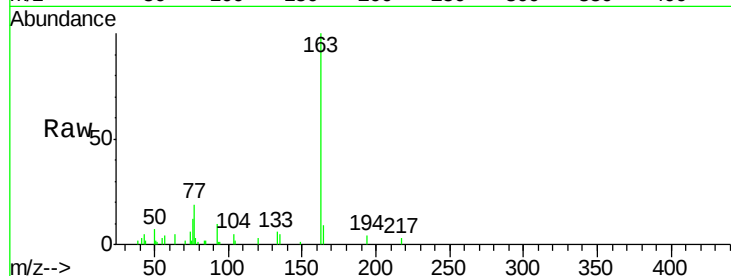
Tot Ion:163 Resp: 18872

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

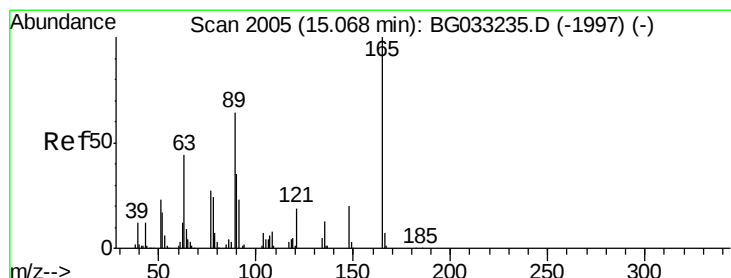
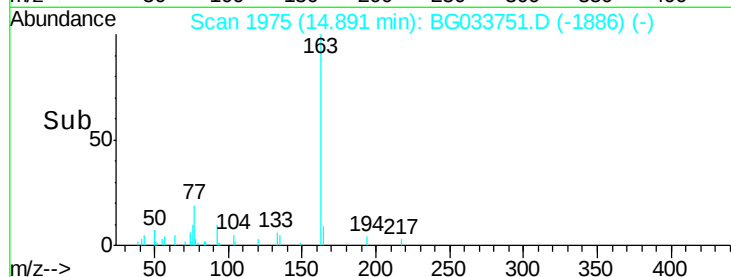
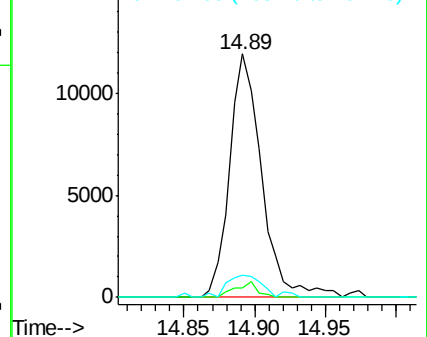
164 9.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 6.879 ng

RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

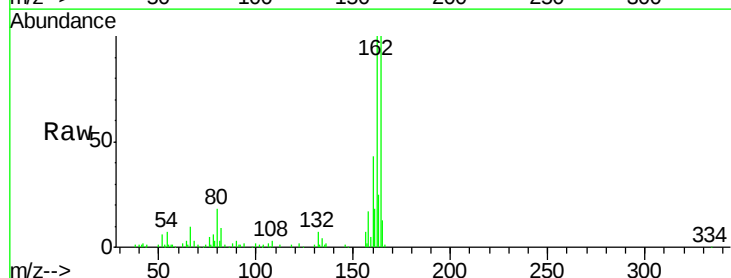
Tgt Ion:165 Resp: 10375

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

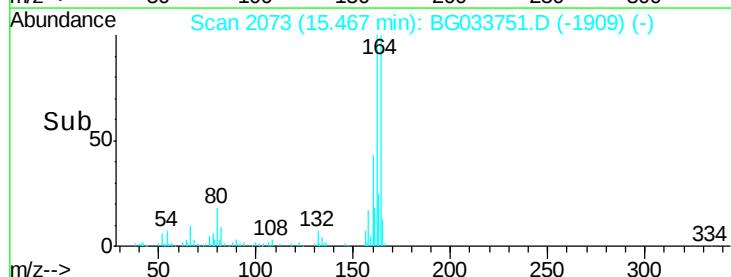
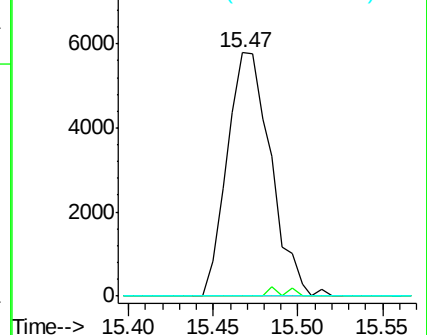
89 0.0 49.2 73.8#

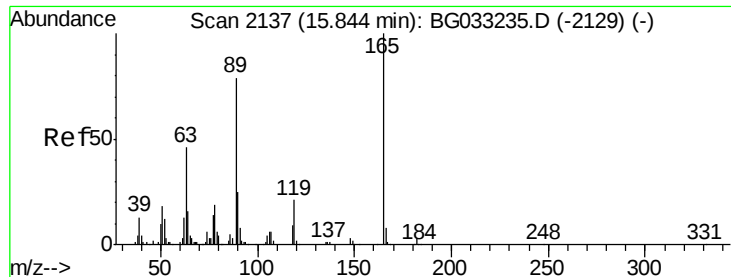


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#56

2,4-Dinitrotoluene

Concen: 4.672 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.35 min

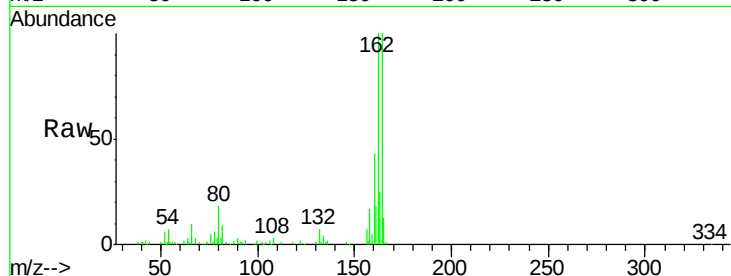
Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

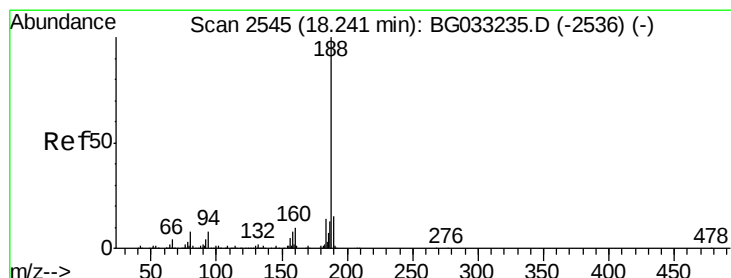
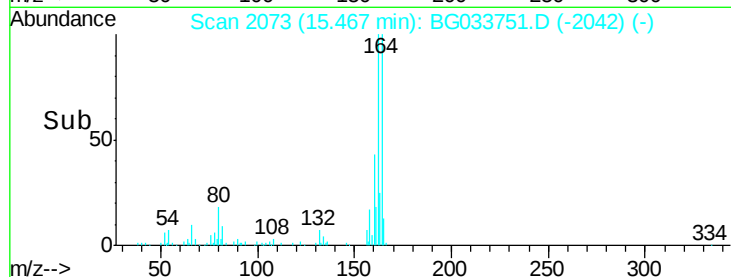
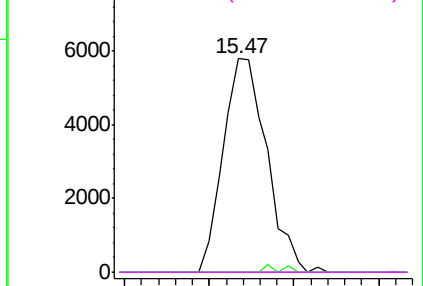
BNA_G

ClientSampleId :



Tot Ion:	165	Resp:	10375
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#

Abundance Ion 165.00 (164.70 to 165.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

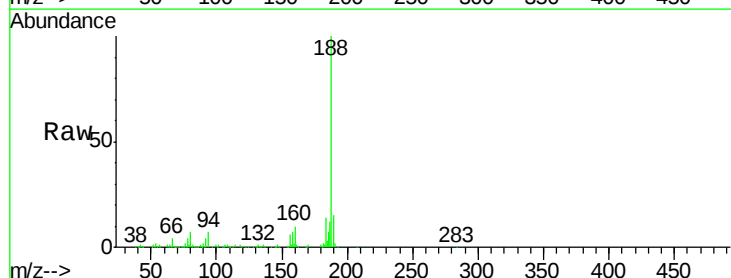
RT: 18.20 min Scan# 2538

Delta R.T. -0.01 min

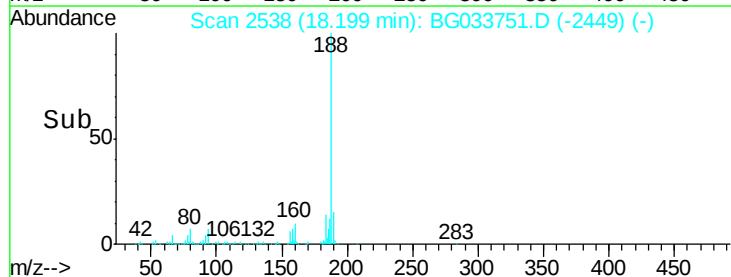
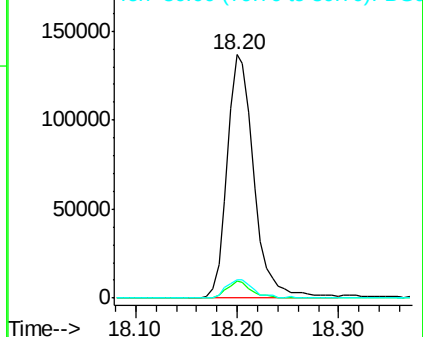
Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Tgt Ion:	188	Resp:	251290
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.4	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

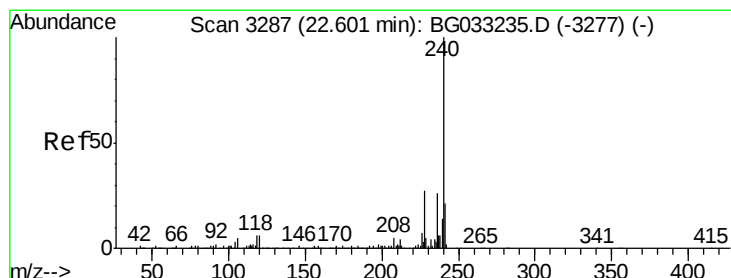
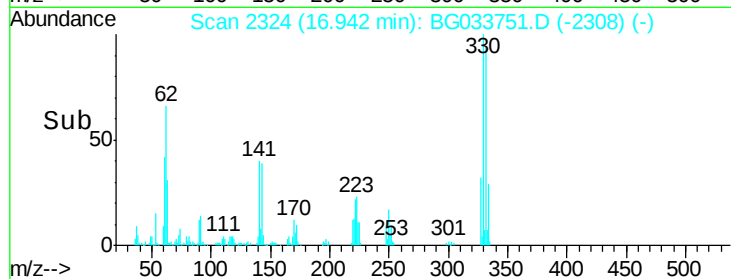
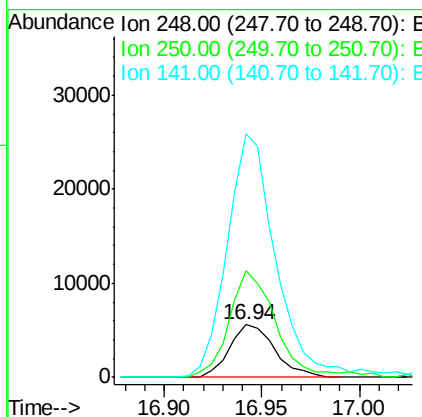
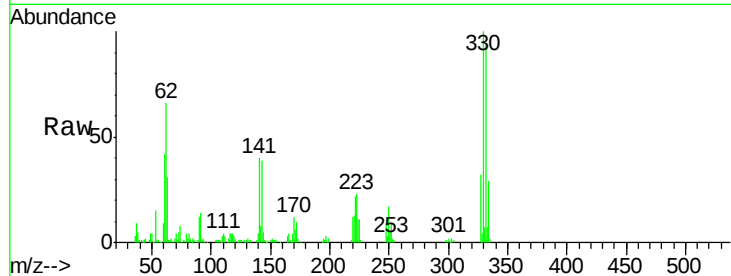




#66
4-Bromophenyl-phenylether
Concen: 3.003 ng
RT: 16.94 min Scan# 2324
Delta R.T. -0.43 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

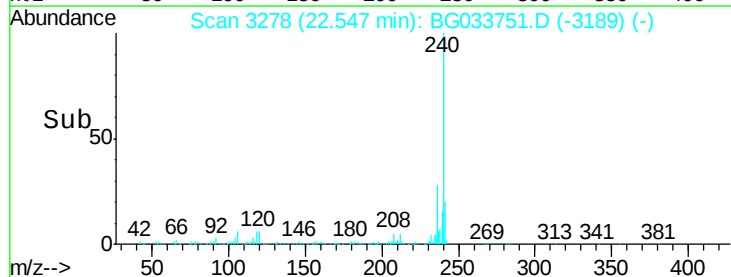
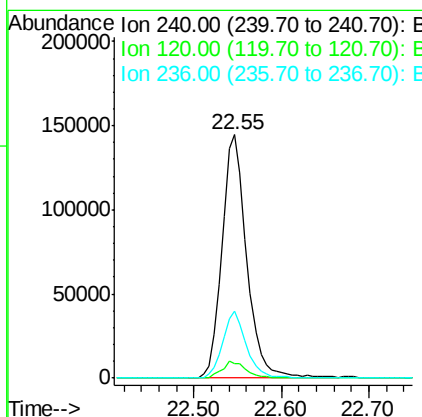
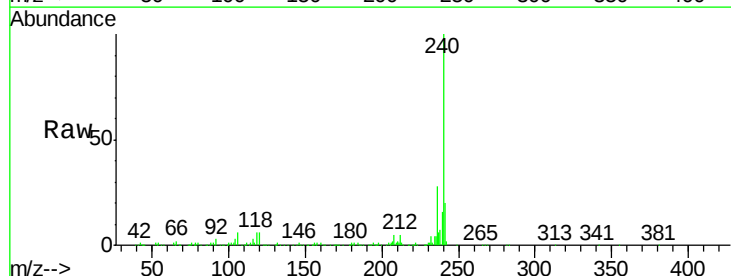
Instrument :
BNA_G
ClientSampleId :

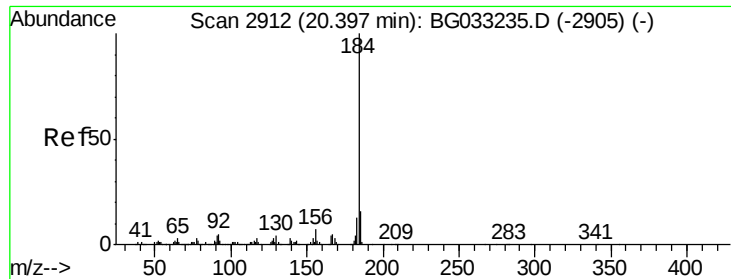
Tot Ion:248 Resp: 8862
Ion Ratio Lower Upper
248 100
250 203.1 77.1 115.7#
141 464.0 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.01 min
Lab File: BG033751.D
Acq: 11 Apr 2018 18:47

Tgt Ion:240 Resp: 282155
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 27.6 20.9 31.3





#76

Benzidine

Concen: 2.596 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

Instrument :

BNA_G

ClientSampleId :

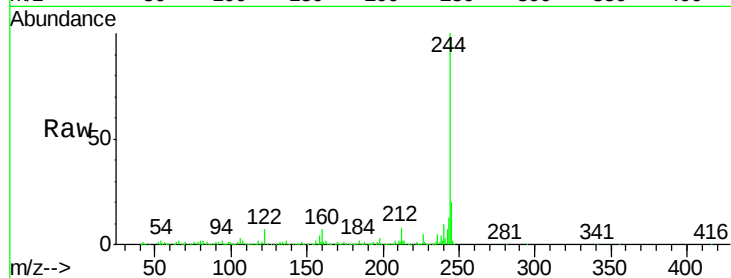
Tot Ion:184 Resp: 19862

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

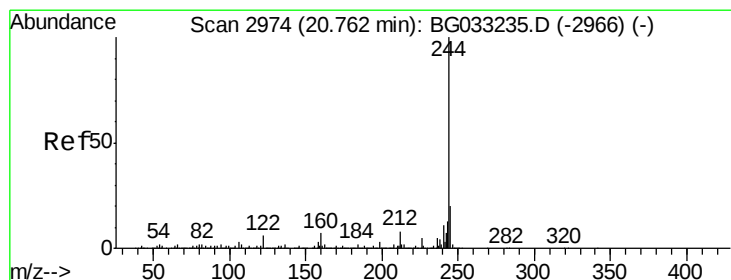
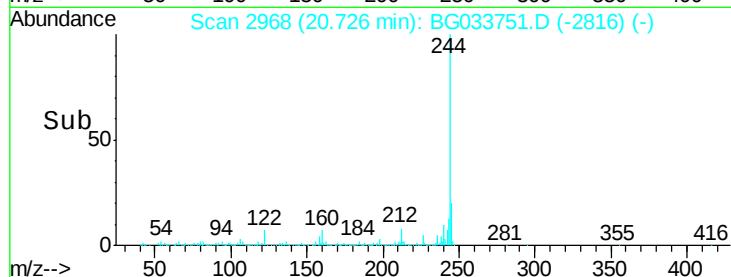
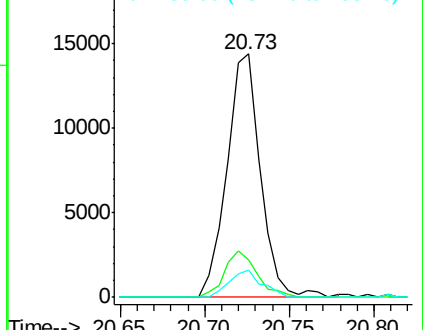
183 11.2 10.6 16.0



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: 96.227 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033751.D

Acq: 11 Apr 2018 18:47

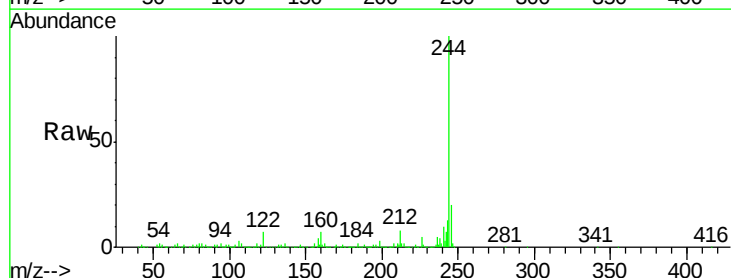
Tgt Ion:244 Resp: 1269559

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

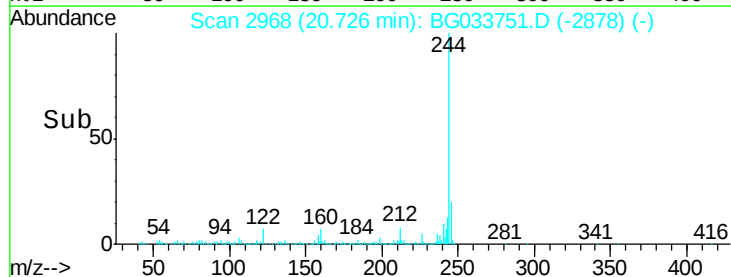
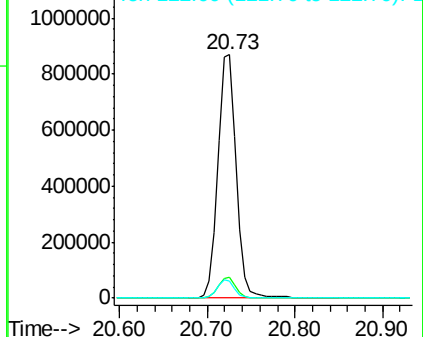
122 6.9 7.0 10.4#



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: BG033751.D
Acq: 11 Apr 2018 18:47

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.6	17.7	26.5

