

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033753.D
 Acq On : 11 Apr 2018 20:02
 Operator : SJ/JU
 Sample : J2320-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:36:01 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

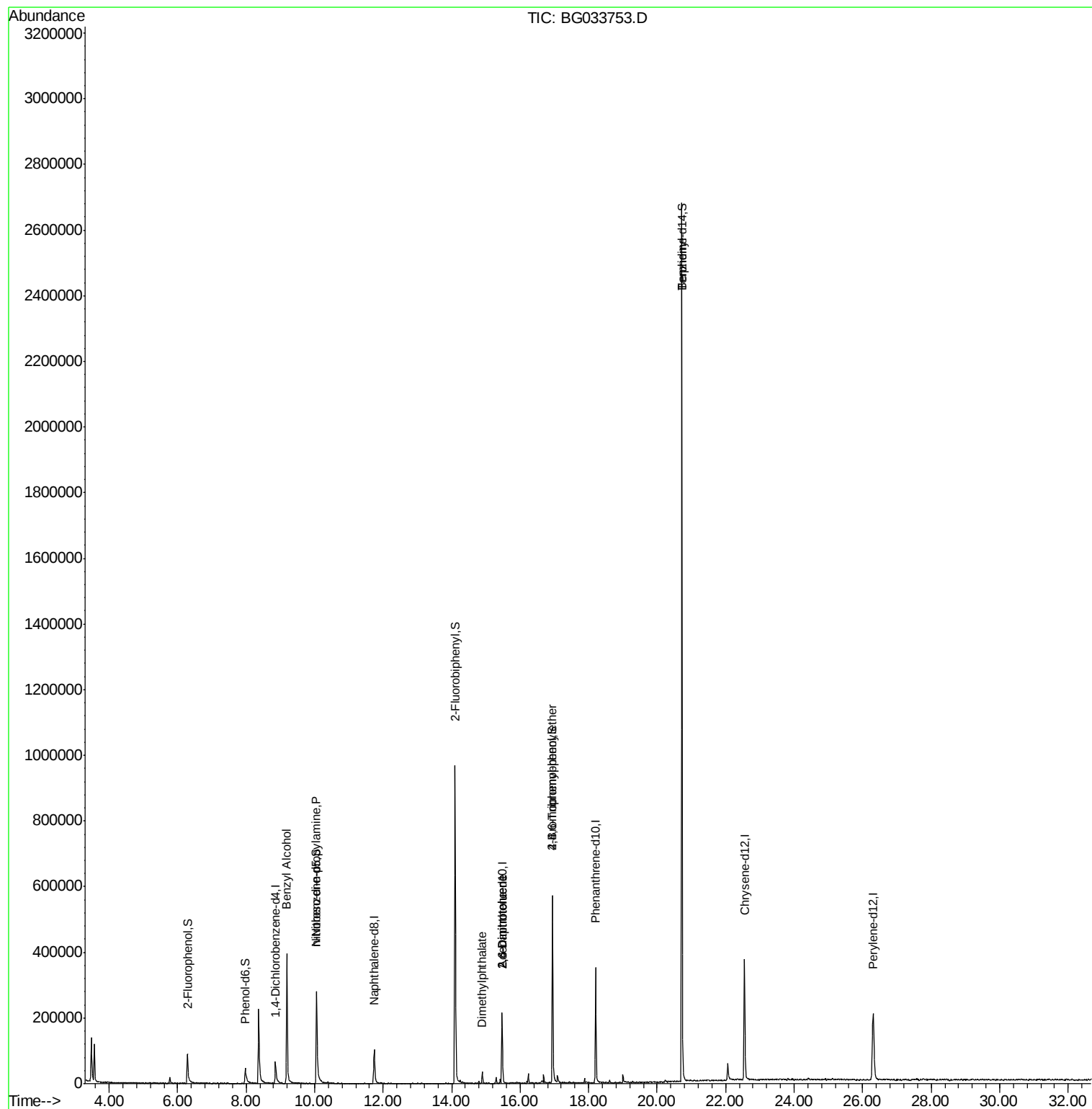
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	26419	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	106602	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	85356	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	247221	20.00	ng	0.00
75) Chrysene-d12	22.54	240	274339	20.00	ng	0.00
86) Perylene-d12	26.31	264	291202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	49378	35.05	ng	0.00
7) Phenol-d6	7.97	99	44006	18.18	ng	0.00
23) Nitrobenzene-d5	10.05	82	233958	100.83	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	119899	93.92	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	568795	96.20	ng	0.00
78) Terphenyl-d14	20.72	244	1290974	100.64	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4379	2.297	ng	# 39
19) n-Nitroso-di-n-propylamine	10.05	70	33076	18.646	ng	# 79
49) Dimethylphthalate	14.89	163	22168	2.984	ng	# 96
50) 2,6-Dinitrotoluene	15.47	165	10971	7.223	ng	# 20
56) 2,4-Dinitrotoluene	15.47	165	10972	4.906	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	9065	3.122	ng	# 1
76) Benzydine	20.72	184	21956	2.951	ng	# 94

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

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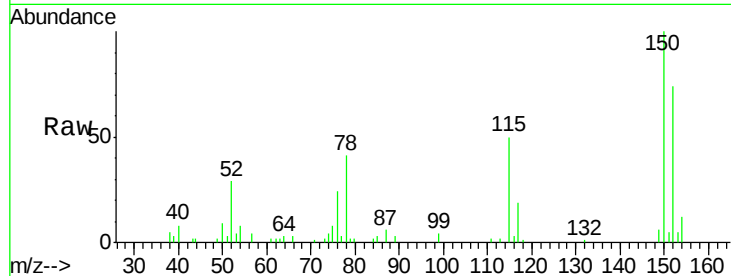


#1

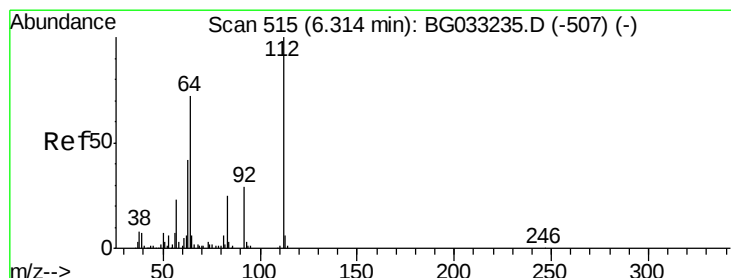
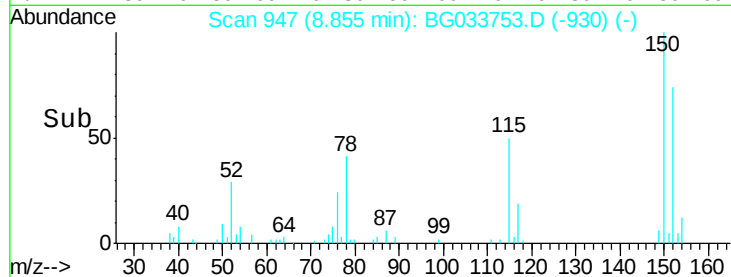
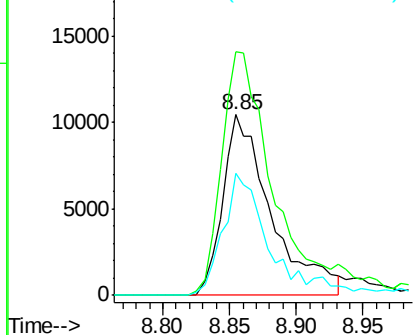
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 26419
Ion Ratio Lower Upper
152 100
150 135.0 126.6 189.8
115 67.3 53.0 79.4



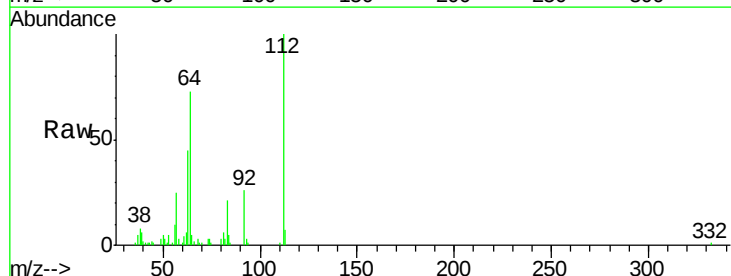
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



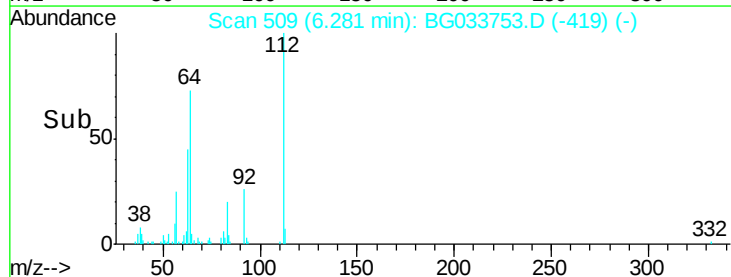
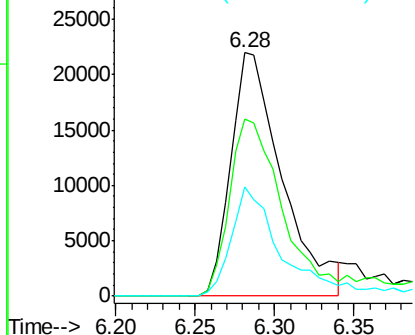
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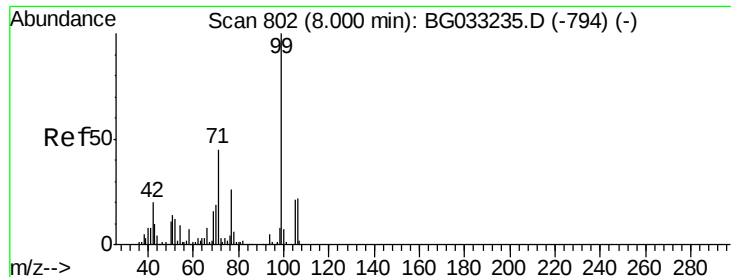
2-Fluorophenol
Concen: 35.047 ng
RT: 6.28 min Scan# 509
Delta R.T. -0.00 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Tgt Ion:112 Resp: 49378
Ion Ratio Lower Upper
112 100
64 72.5 56.3 84.5
63 44.6 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: 18.178 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033753.D

Acq: 11 Apr 2018 20:02

Instrument :

BNA_G

ClientSampleId :

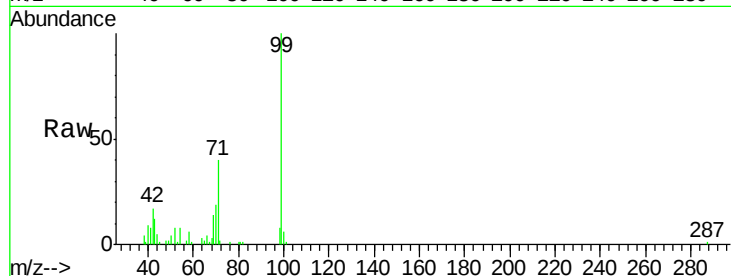
Tot Ion: 99 Resp: 44006

Ion Ratio Lower Upper

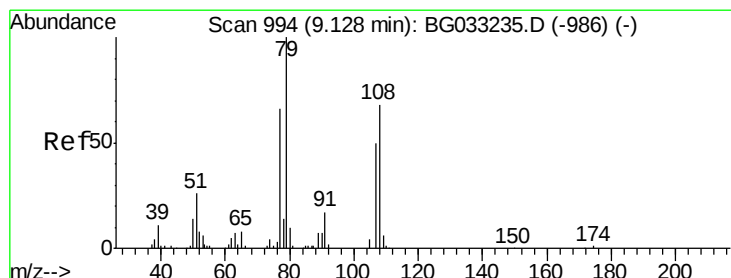
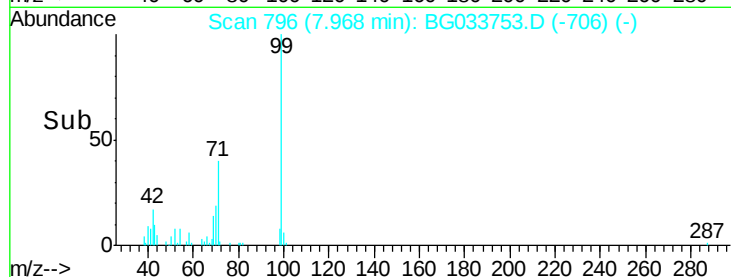
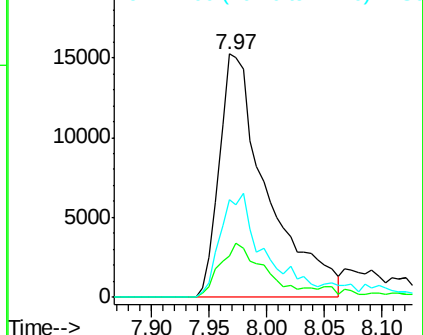
99 100

42 17.0 14.1 21.1

71 40.1 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: 2.297 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033753.D

Acq: 11 Apr 2018 20:02

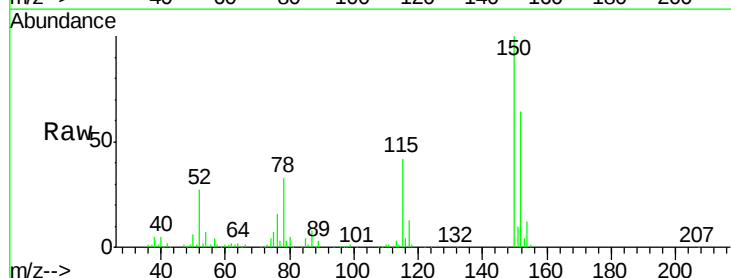
Tgt Ion: 79 Resp: 4379

Ion Ratio Lower Upper

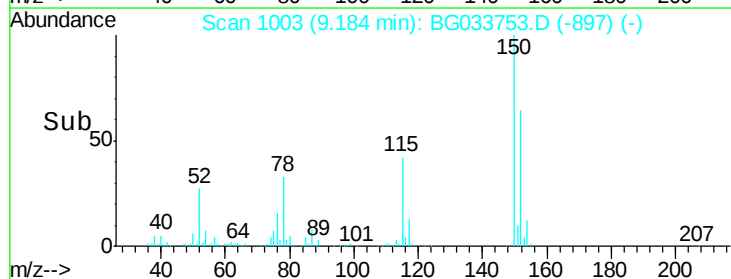
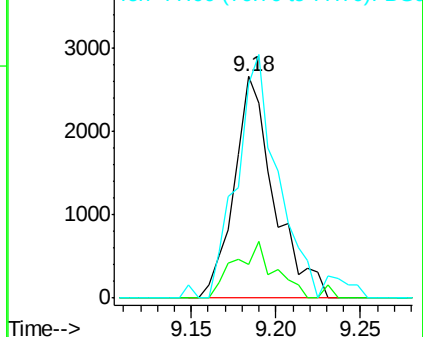
79 100

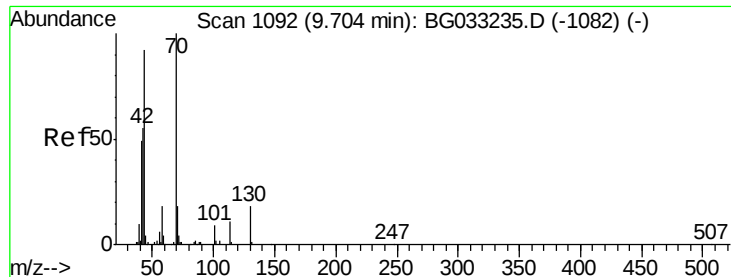
108 15.2 57.2 85.8#

77 96.9 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

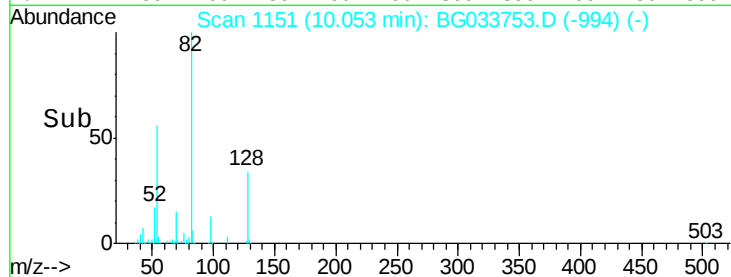
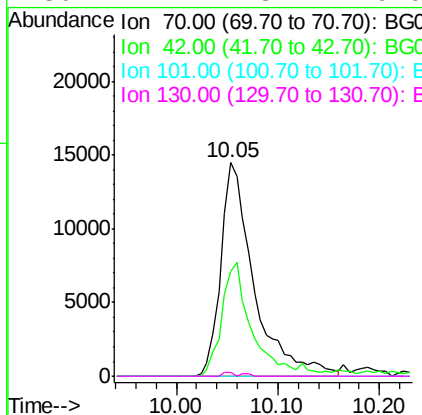
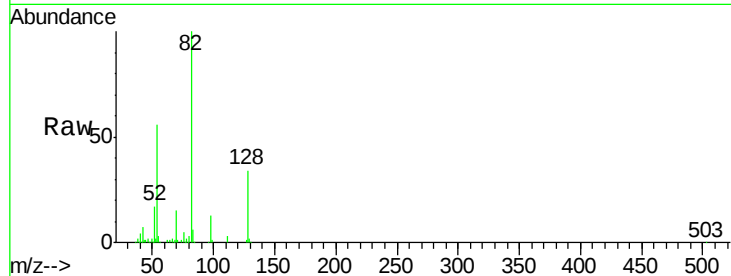




#19
n-Nitroso-di-n-propylamine
Concen: 18.646 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.39 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

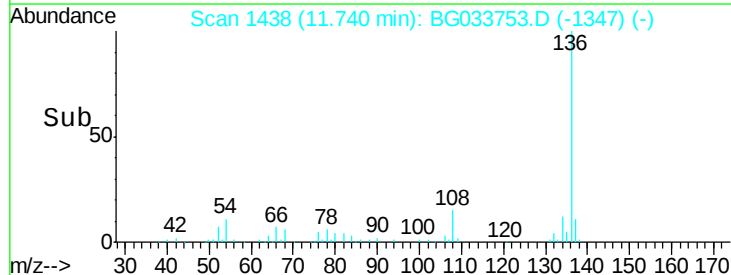
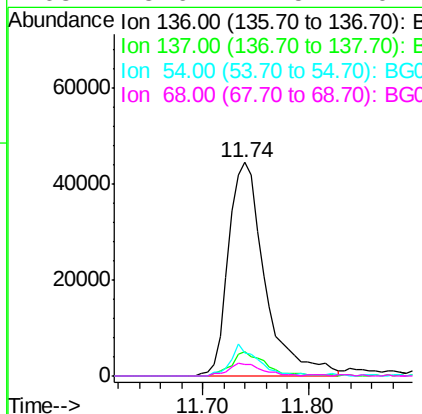
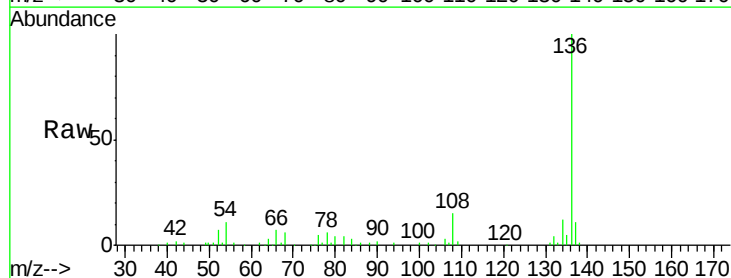
Instrument :
BNA_G
ClientSampleId :

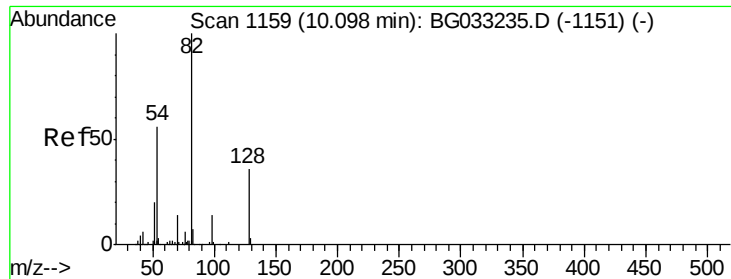
Tot Ion: 70 Resp: 33076
Ion Ratio Lower Upper
70 100
42 48.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.7 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Tgt Ion: 136 Resp: 106602
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.5 10.3 15.5
68 5.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 100.833 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG033753.D

Acq: 11 Apr 2018 20:02

Instrument :

BNA_G

ClientSampleId :

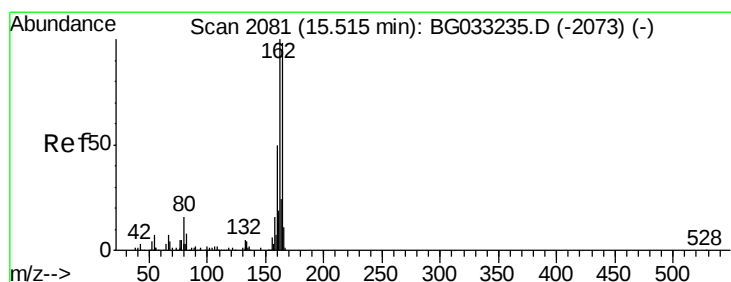
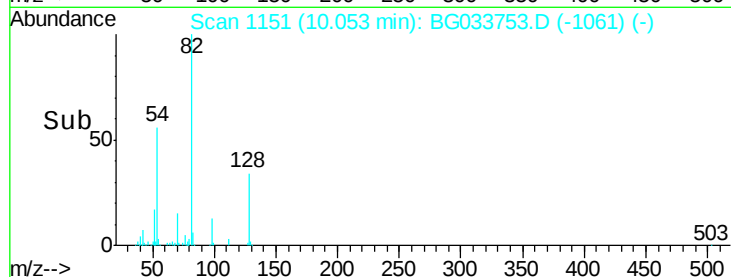
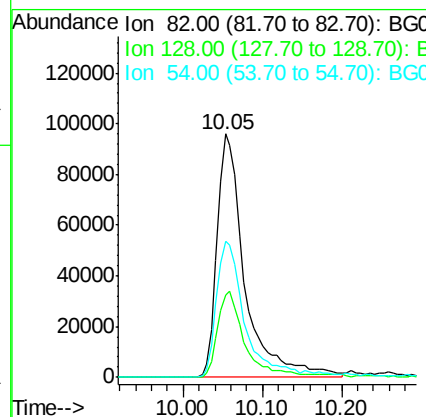
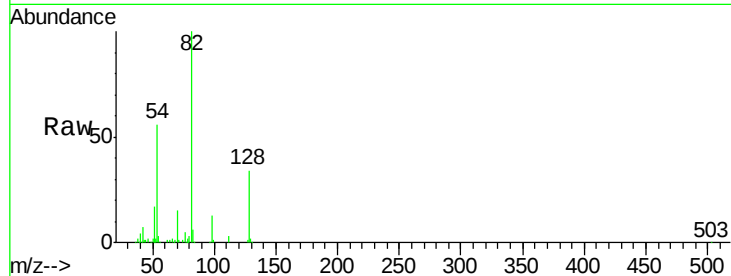
Tot Ion: 82 Resp: 233958

Ion Ratio Lower Upper

82 100

128 33.8 29.7 44.5

54 56.2 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BG033753.D

Acq: 11 Apr 2018 20:02

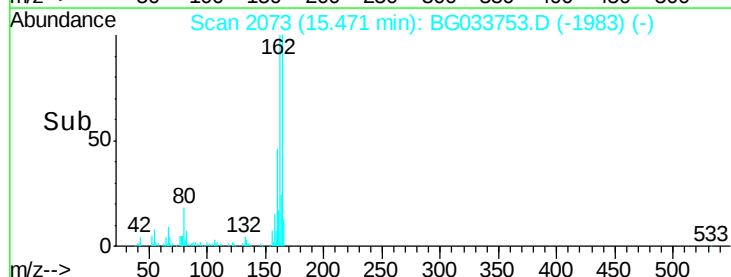
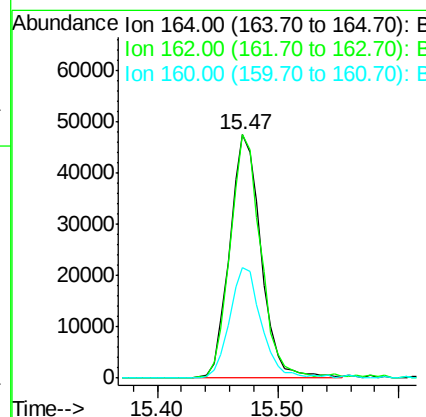
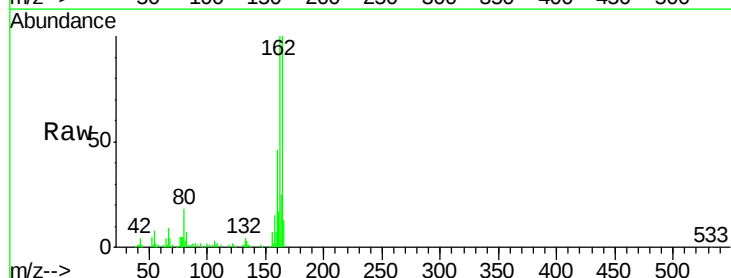
Tgt Ion: 164 Resp: 85356

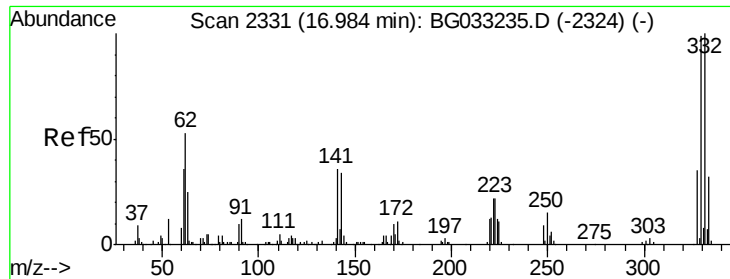
Ion Ratio Lower Upper

164 100

162 100.2 78.8 118.2

160 45.6 35.4 53.0

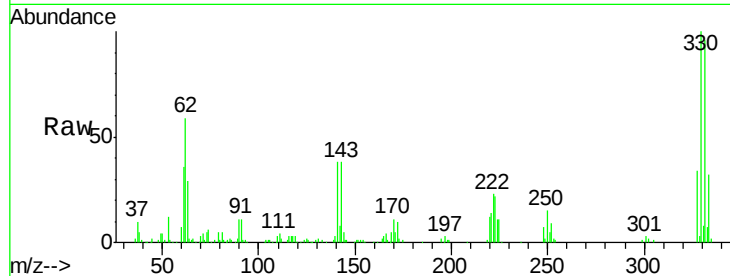




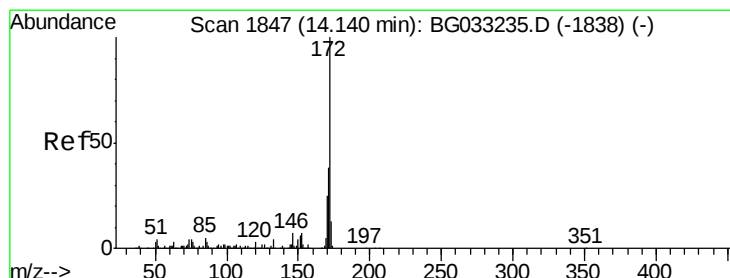
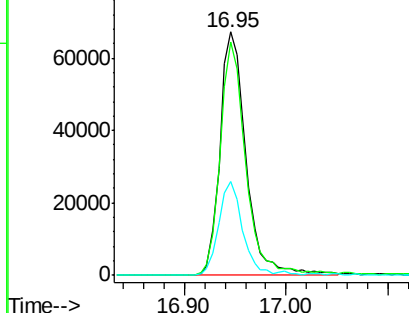
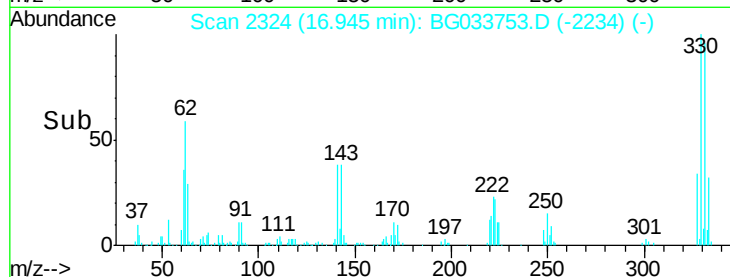
#41
 2,4,6-Tribromophenol
 Concen: 93.921 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.4	77.0	115.6
141	35.9	25.2	37.8

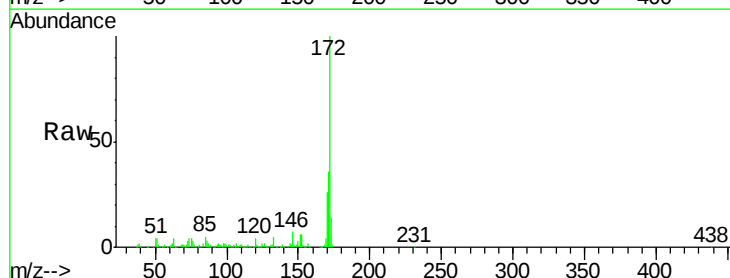


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

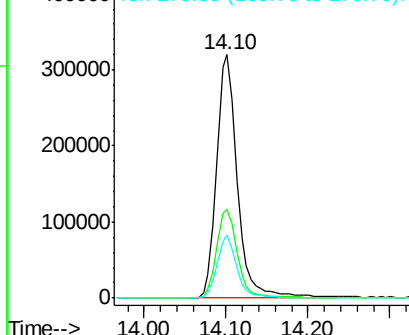
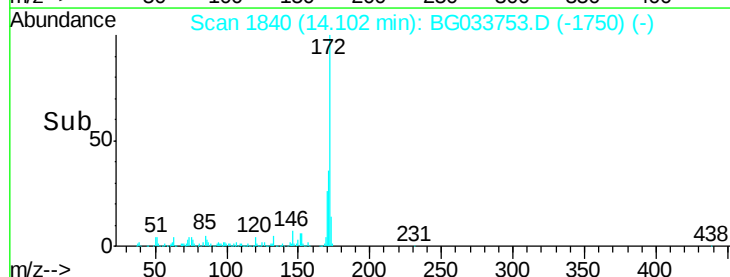


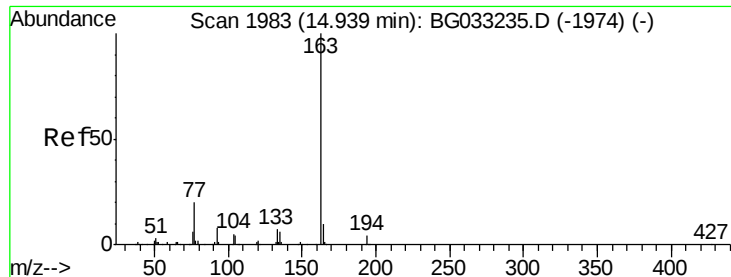
#44
 2-Fluorobiphenyl
 Concen: 96.201 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	25.7	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

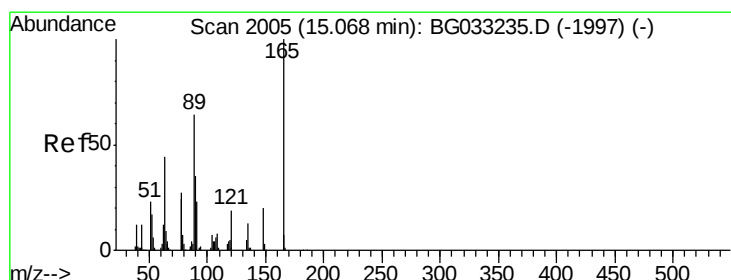
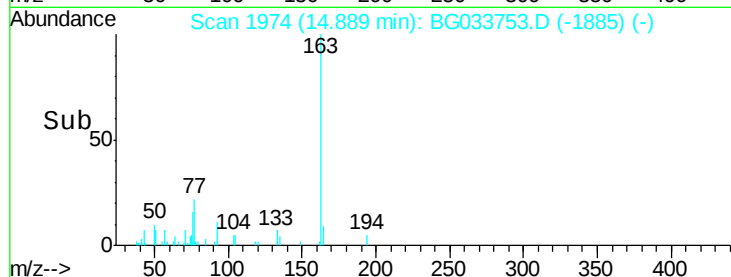
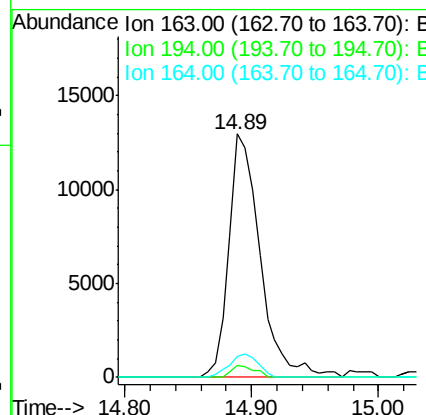
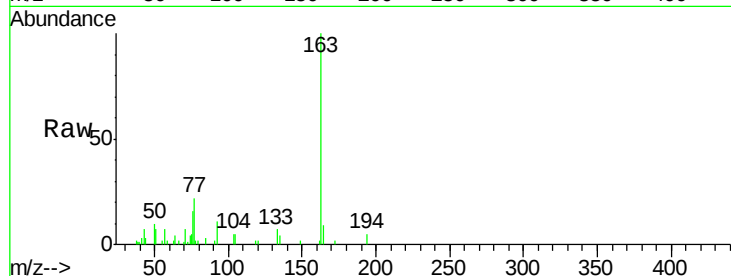




#49
Dimethylphthalate
Concen: 2.984 ng
RT: 14.89 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

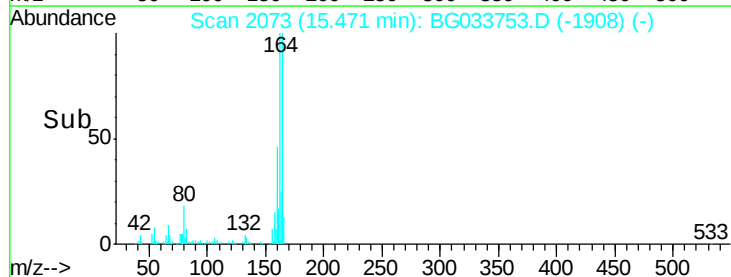
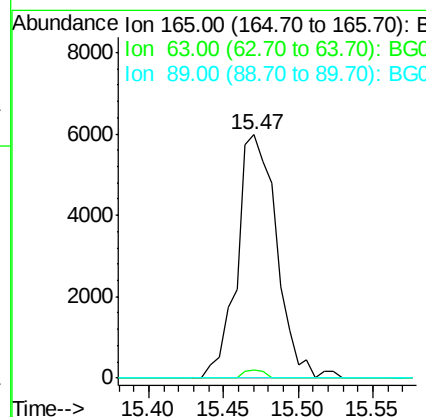
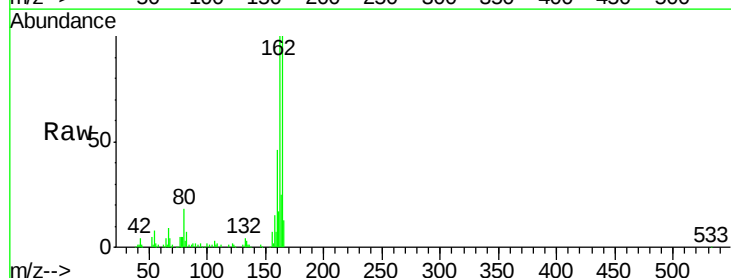
Instrument :
BNA_G
ClientSampleId :

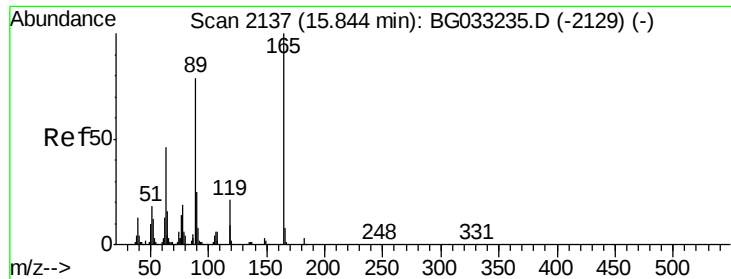
Tot Ion:163 Resp: 22168
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 8.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 7.223 ng
RT: 15.47 min Scan# 2073
Delta R.T. 0.44 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Tgt Ion:165 Resp: 10971
Ion Ratio Lower Upper
165 100
63 3.1 52.7 79.1#
89 0.0 49.2 73.8#

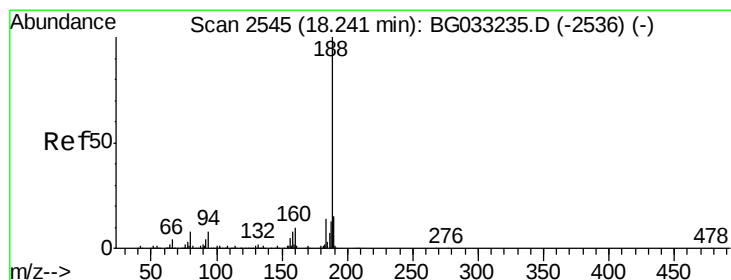
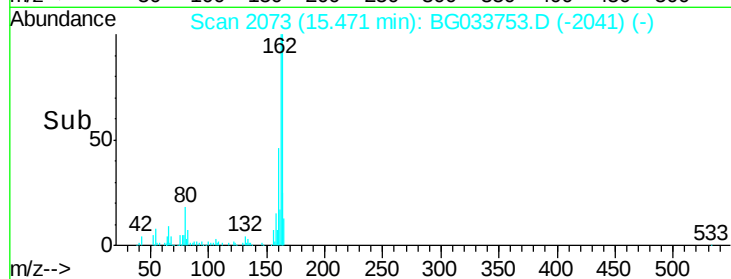
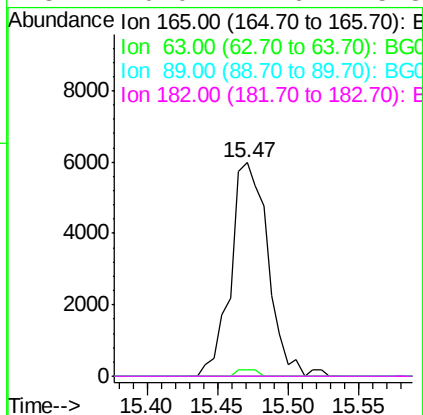
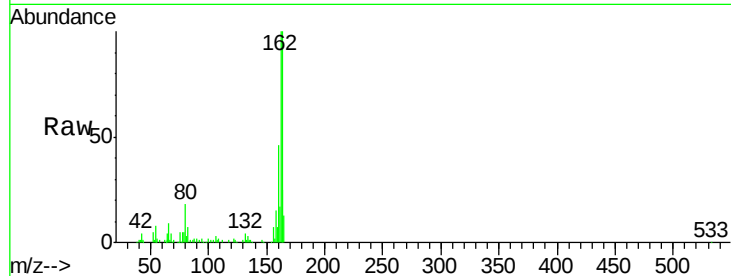




#56
 2,4-Dinitrotoluene
 Concen: 4.906 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

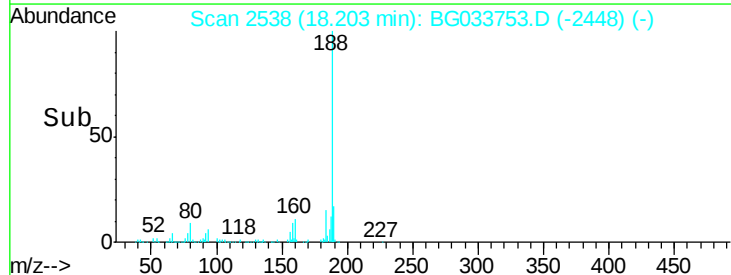
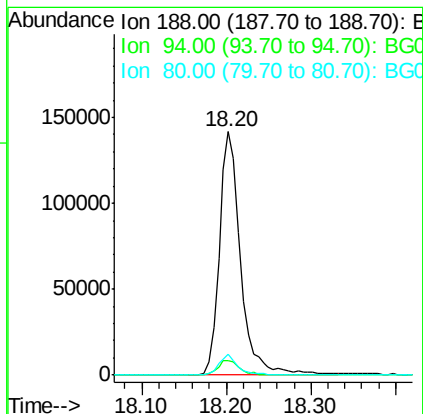
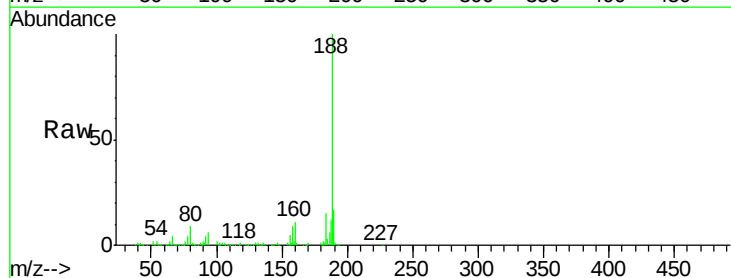
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 10972
 Ion Ratio Lower Upper
 165 100
 63 3.1 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: 18.20 min Scan# 2538
 Delta R.T. -0.00 min
 Lab File: BG033753.D
 Acq: 11 Apr 2018 20:02

Tgt Ion:188 Resp: 247221
 Ion Ratio Lower Upper
 188 100
 94 6.1 6.9 10.3#
 80 8.5 7.7 11.5

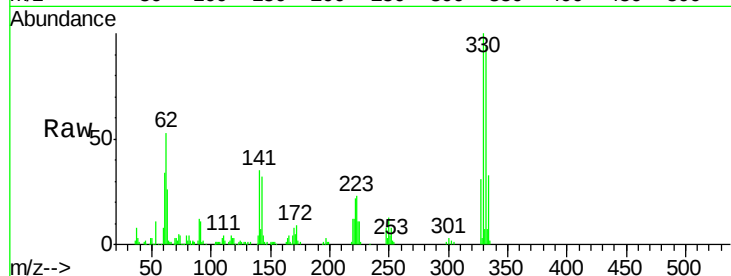




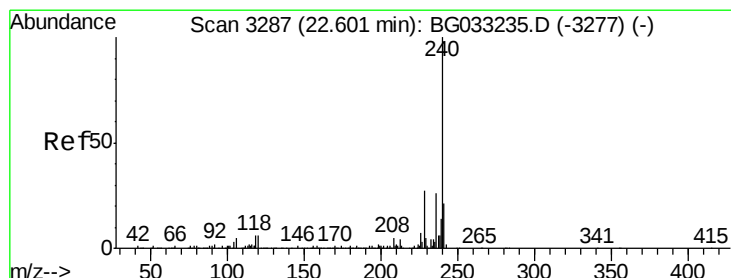
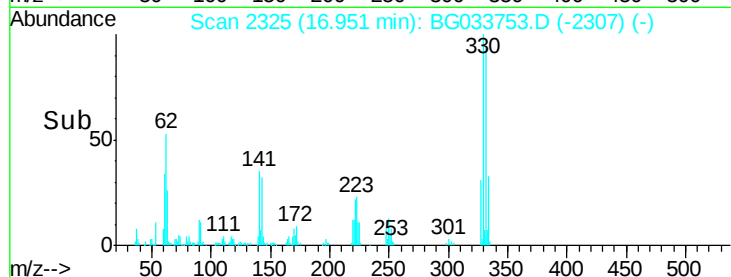
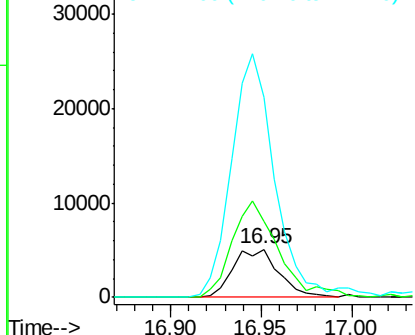
#66
4-Bromophenyl-phenylether
Concen: 3.122 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9065
Ion Ratio Lower Upper
248 100
250 157.5 77.1 115.7#
141 414.0 50.8 76.2#

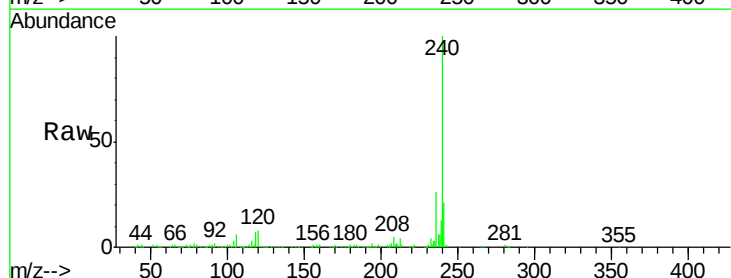


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

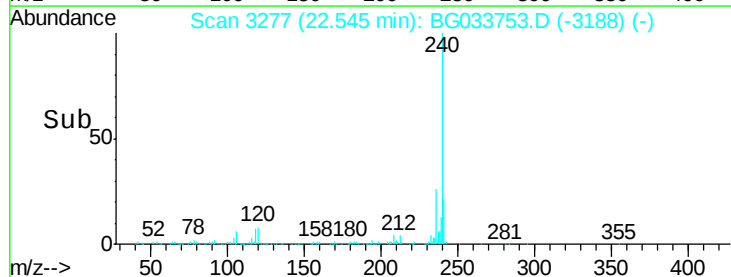
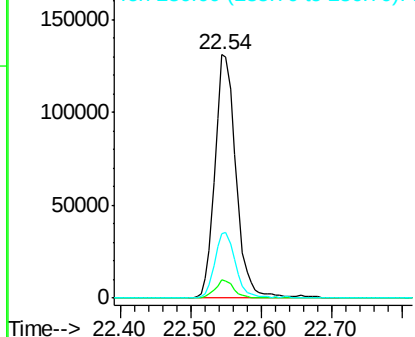


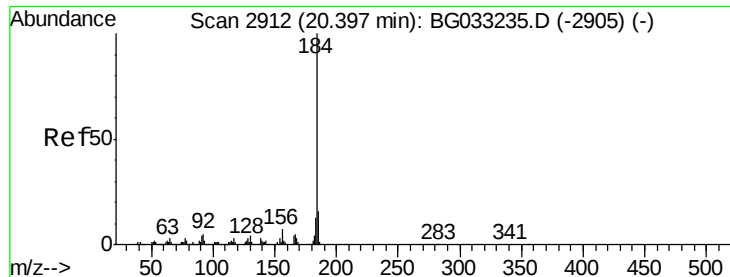
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Tgt Ion:240 Resp: 274339
Ion Ratio Lower Upper
240 100
120 7.6 6.8 10.2
236 26.2 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

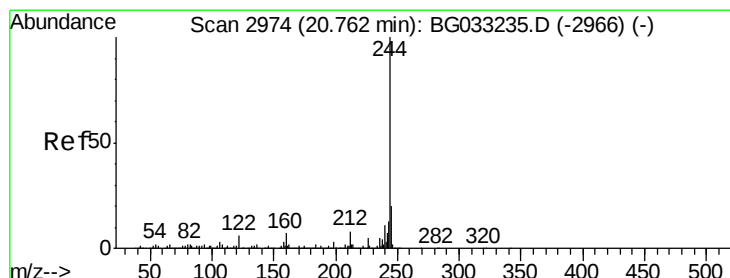
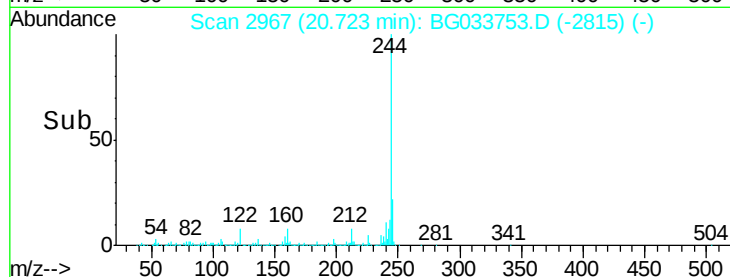
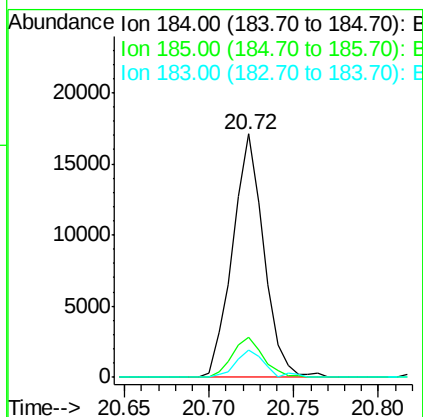
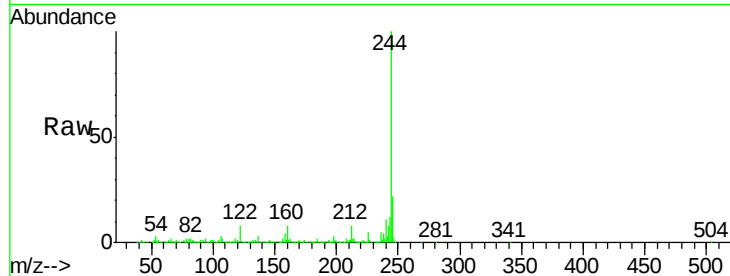




#76
Benzidine
Concen: 2.951 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.36 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

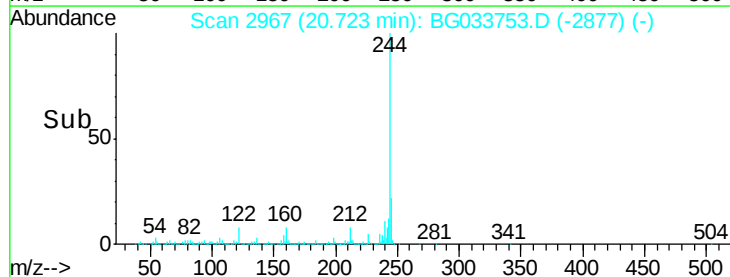
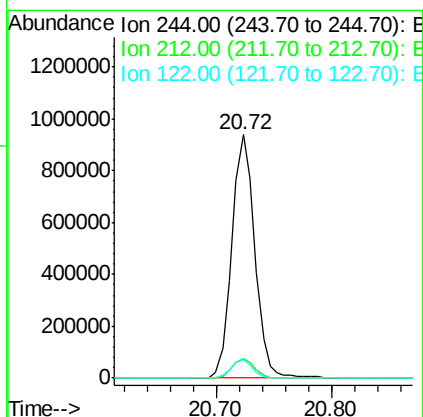
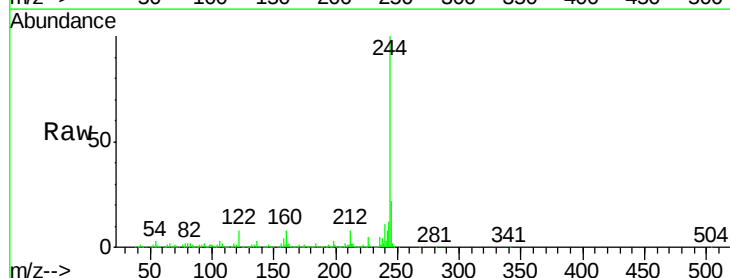
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 21956
Ion Ratio Lower Upper
184 100
185 16.4 11.1 16.7
183 11.1 10.6 16.0



#78
Terphenyl-d14
Concen: 100.638 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033753.D
Acq: 11 Apr 2018 20:02

Tgt Ion:244 Resp: 1290974
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.8
122 7.5 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: BG033753.D
Acq: 11 Apr 2018 20:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.1	17.7	26.5

