

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033307.D
 Acq On : 22 Mar 2018 22:58
 Operator : SJ/JU
 Sample : PB107545BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 23 04:18:33 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

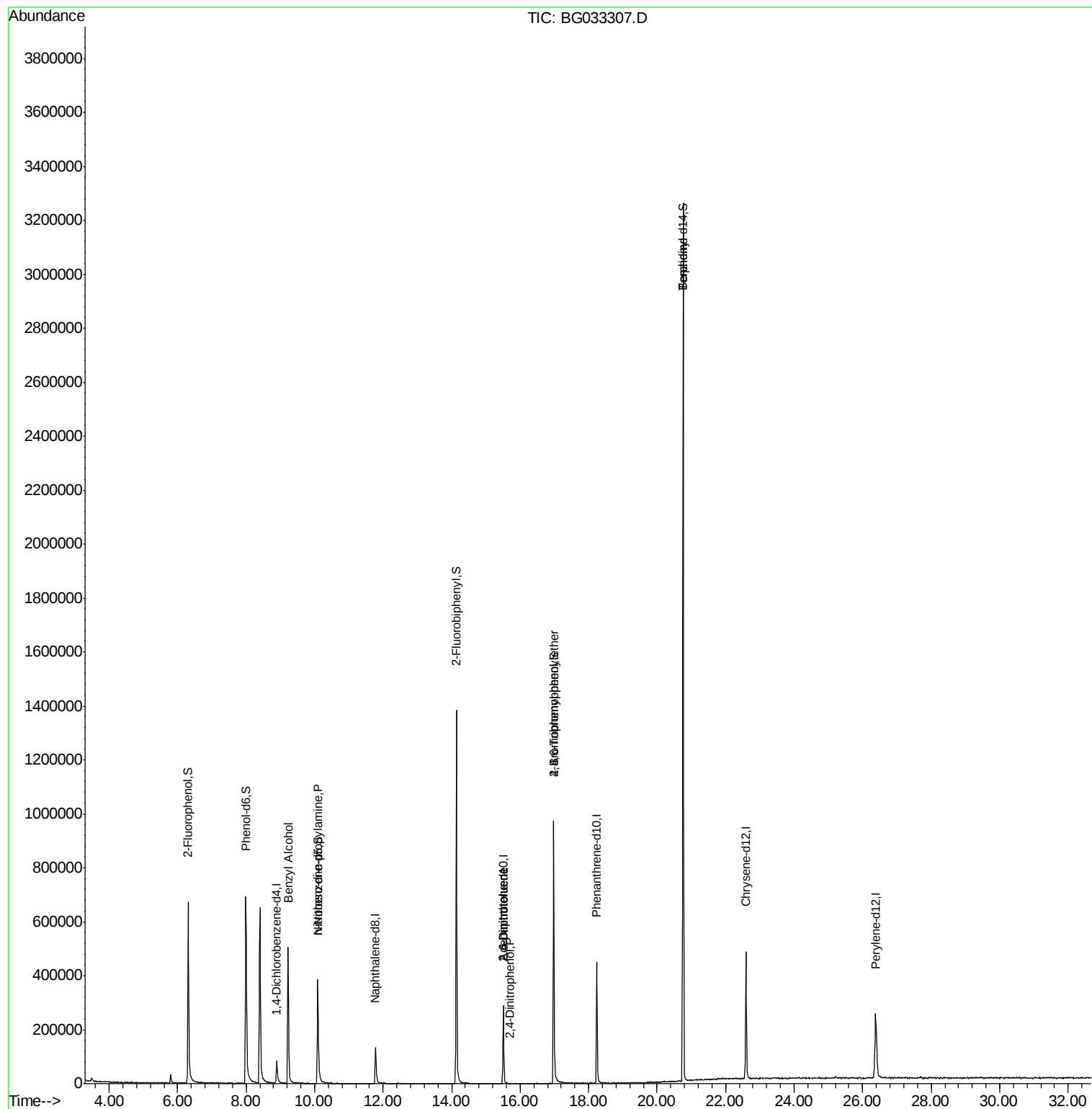
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	33582	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	139369	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	115740	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	326115	20.00	ng	0.00
75) Chrysene-d12	22.59	240	338110	20.00	ng	0.00
86) Perylene-d12	26.39	264	341899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	334618	186.84	ng	0.00
7) Phenol-d6	7.99	99	508692	165.31	ng	0.00
23) Nitrobenzene-d5	10.09	82	317867	104.79	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	211985	122.46	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	804796	100.38	ng	0.00
78) Terphenyl-d14	20.76	244	1597186	101.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	4997	2.063	ng	# 51
19) n-Nitroso-di-n-propylamine	10.09	70	41959	18.608	ng	# 76
50) 2,6-Dinitrotoluene	15.51	165	14553	7.066	ng	# 21
53) 2,4-Dinitrophenol	15.69	184	57	7.691	ng	# 1
56) 2,4-Dinitrotoluene	15.51	165	14643	4.829	ng	# 19
66) 4-Bromophenyl-phenylether	16.98	248	15468	4.039	ng	# 1
76) Benizidine	20.76	184	27646	3.015	ng	# 94

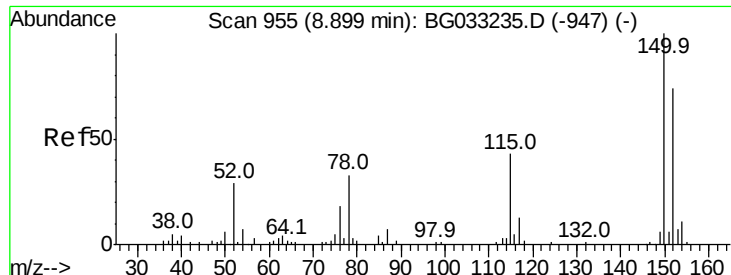
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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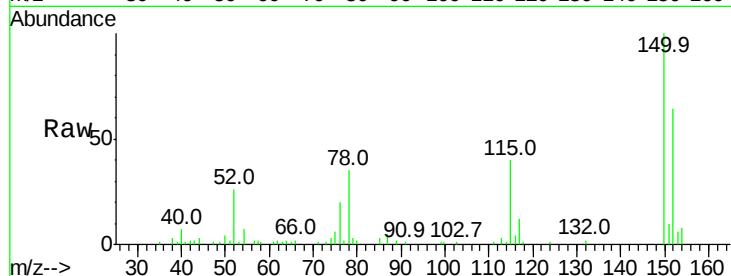


#1

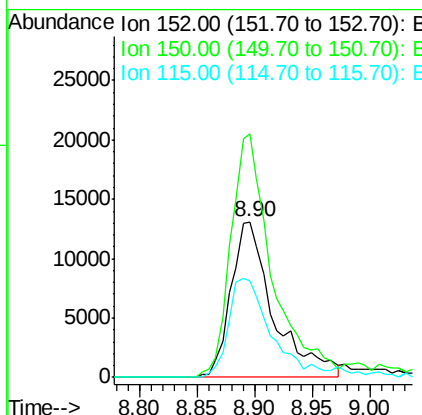
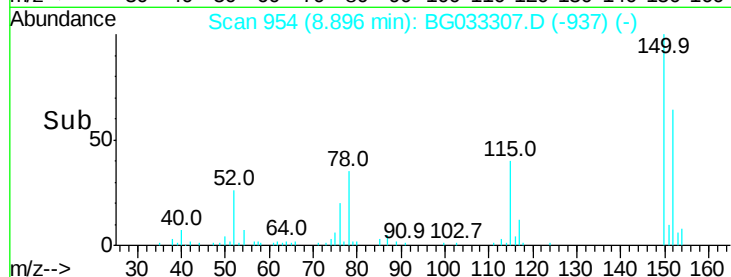
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 33582
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 62.1 53.0 79.4



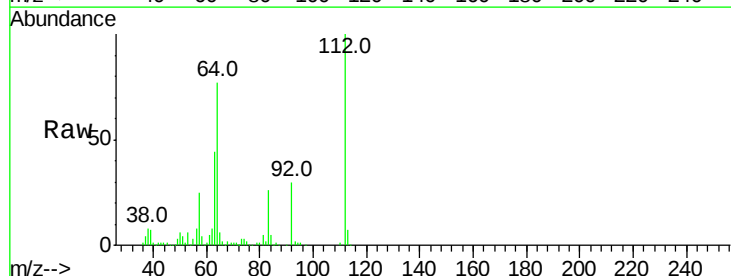
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



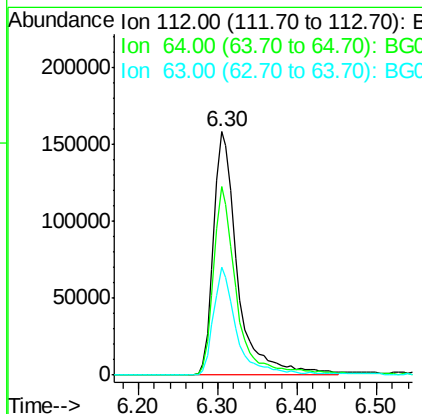
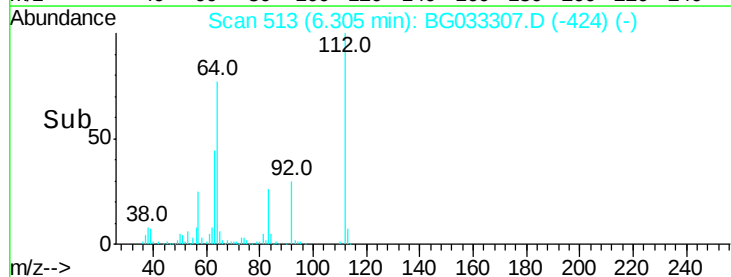
#5

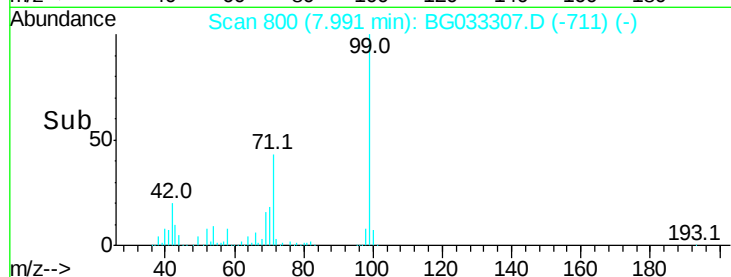
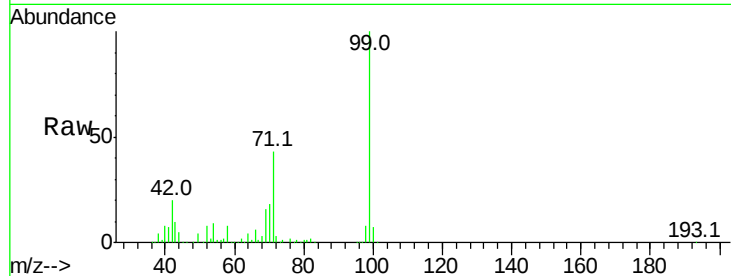
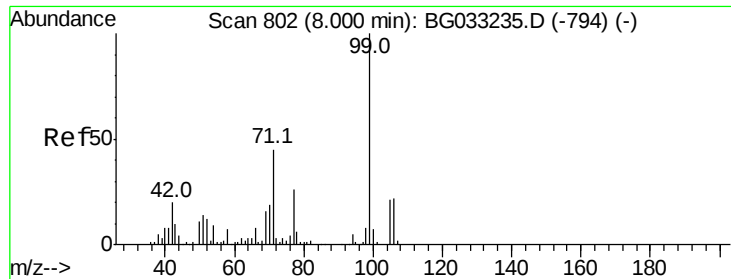
2-Fluorophenol
Concen: 186.841 ng
RT: 6.30 min Scan# 513
Delta R.T. -0.01 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Tgt Ion:112 Resp: 334618
Ion Ratio Lower Upper
112 100
64 77.2 56.3 84.5
63 44.3 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: 165.311 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

Instrument :

BNA_G

ClientSampleId :

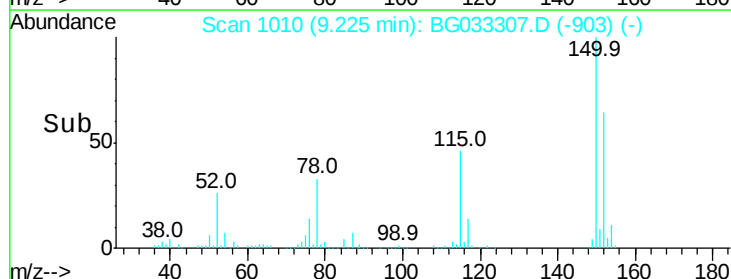
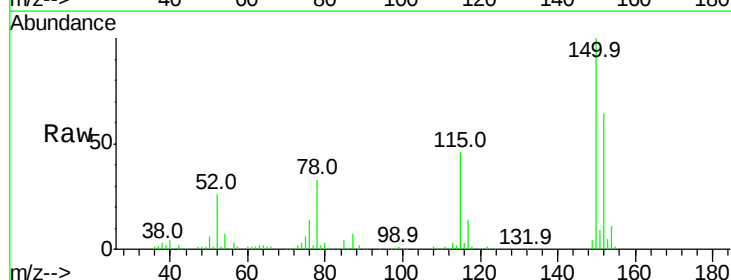
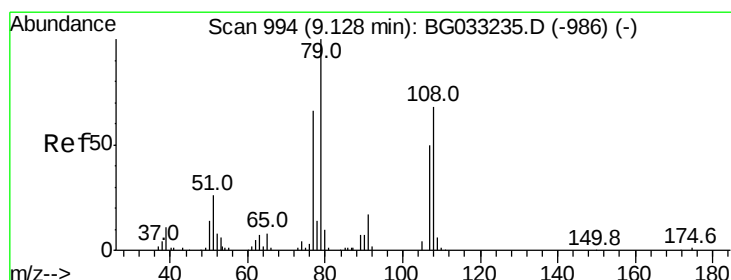
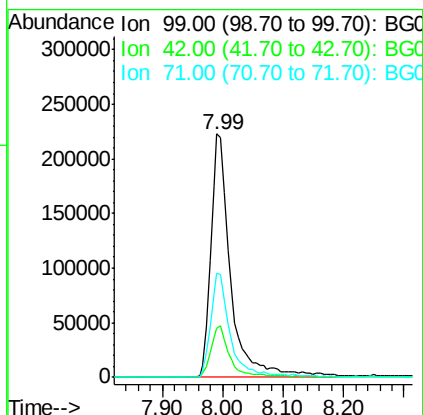
Tot Ion: 99 Resp: 508692

Ion Ratio Lower Upper

99 100

42 19.9 14.1 21.1

71 42.9 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.063 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

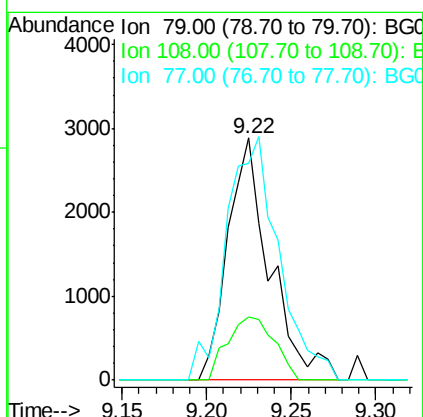
Tgt Ion: 79 Resp: 4997

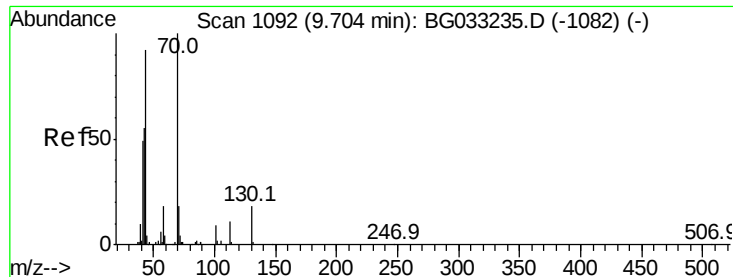
Ion Ratio Lower Upper

79 100

108 26.1 57.2 85.8#

77 89.4 46.1 69.1#

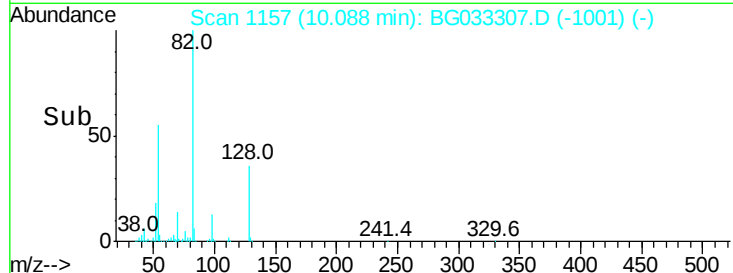
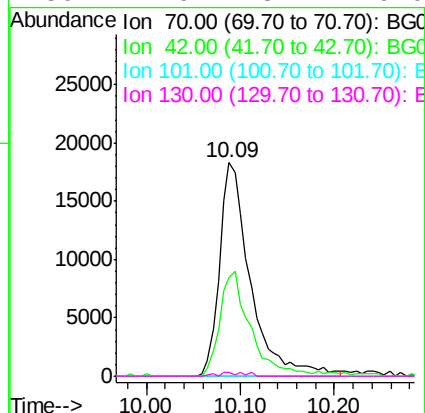
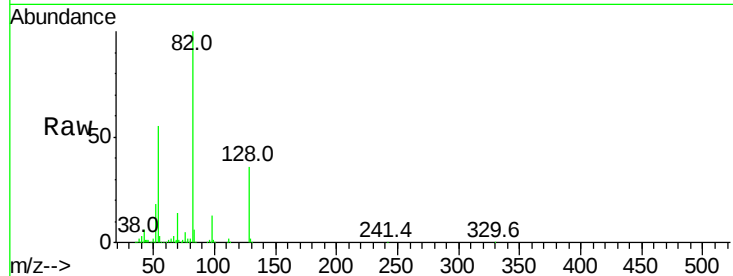




#19
n-Nitroso-di-n-propylamine
Concen: 18.608 ng
RT: 10.09 min Scan# 1157
Delta R.T. 0.39 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

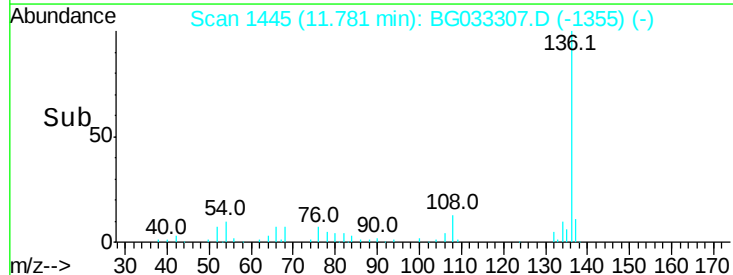
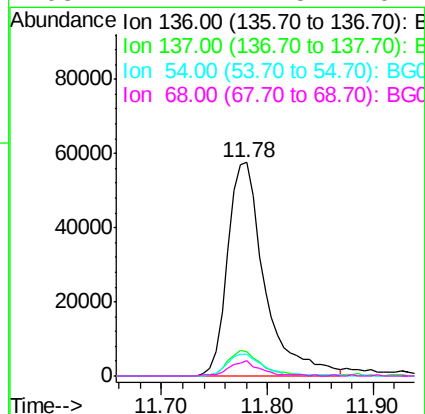
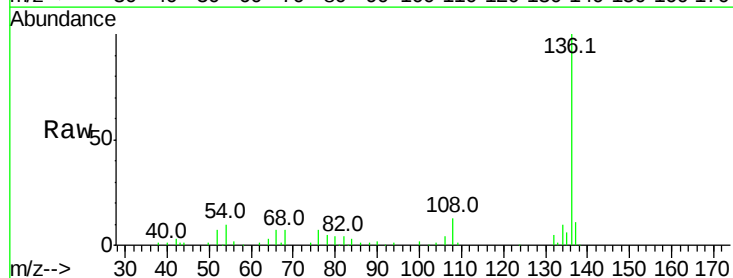
Instrument :
BNA_G
ClientSampled :

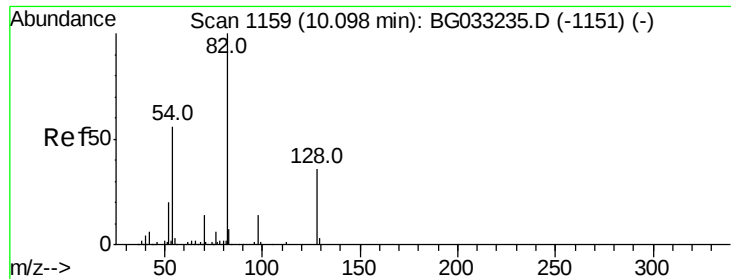
Tot Ion: 70 Resp: 41959
Ion Ratio Lower Upper
70 100
42 46.1 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Tgt Ion: 136 Resp: 139369
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 10.4 10.3 15.5
68 7.1 4.5 6.7#





#23

Nitrobenzene-d5

Concen: 104.787 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

Instrument :

BNA_G

ClientSampleId :

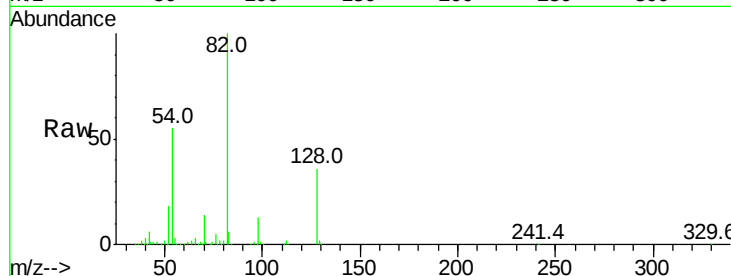
Tot Ion: 82 Resp: 317867

Ion Ratio Lower Upper

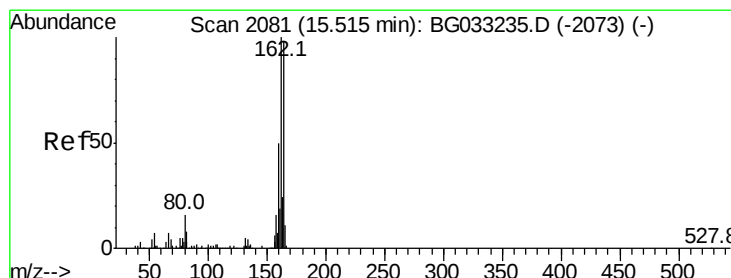
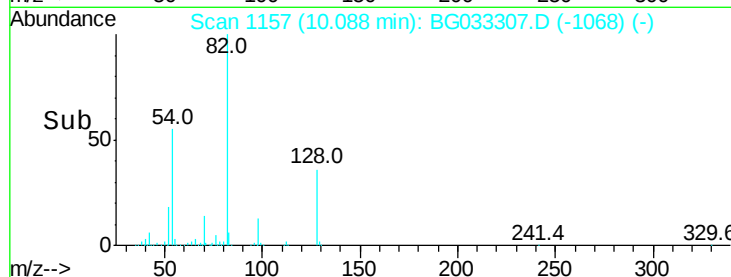
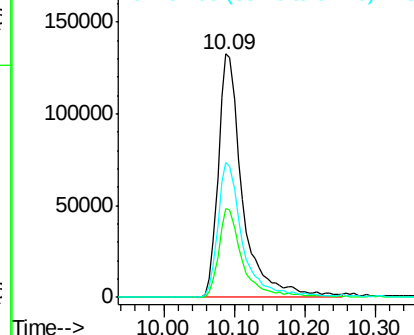
82 100

128 36.2 29.7 44.5

54 55.4 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

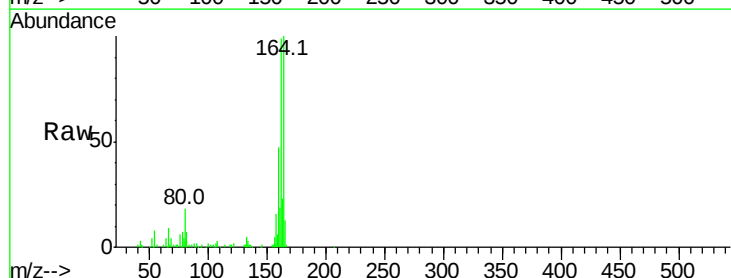
Tgt Ion: 164 Resp: 115740

Ion Ratio Lower Upper

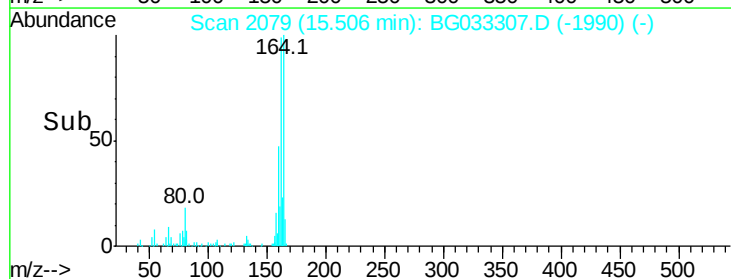
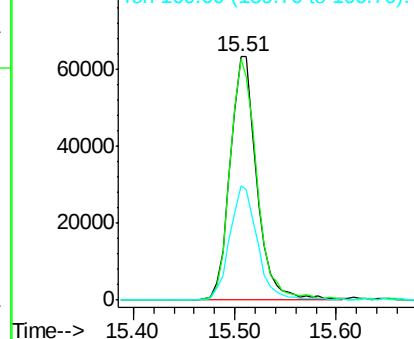
164 100

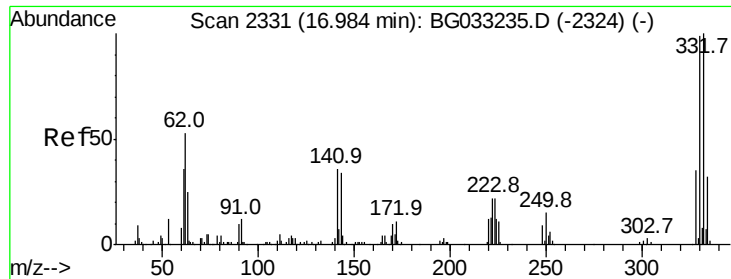
162 99.2 78.8 118.2

160 46.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

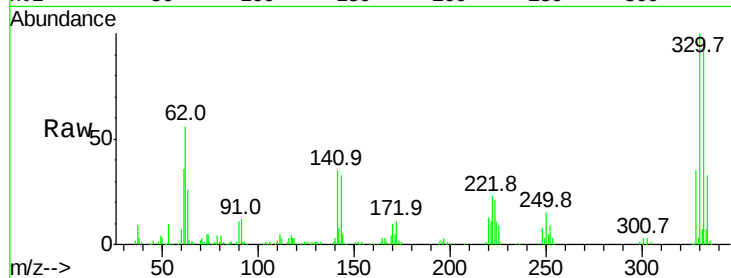




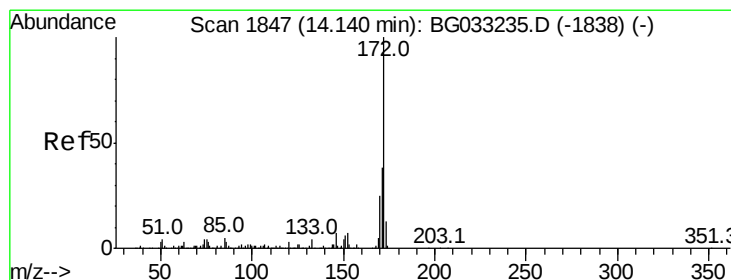
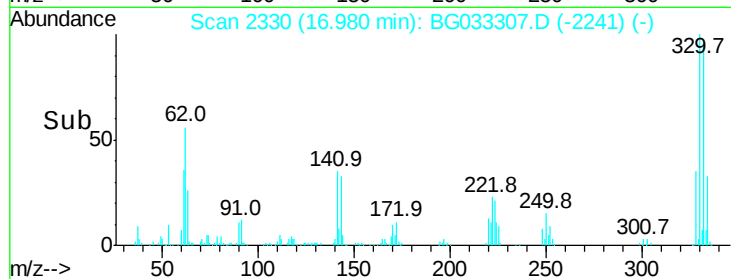
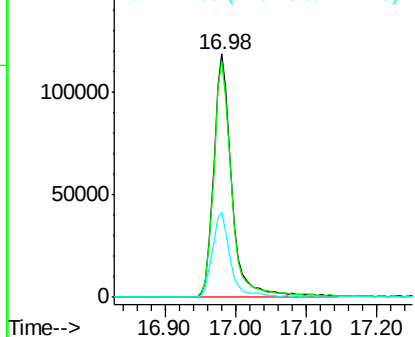
#41
 2,4,6-Tribromophenol
 Concen: 122.462 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 211985
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 34.4 25.2 37.8

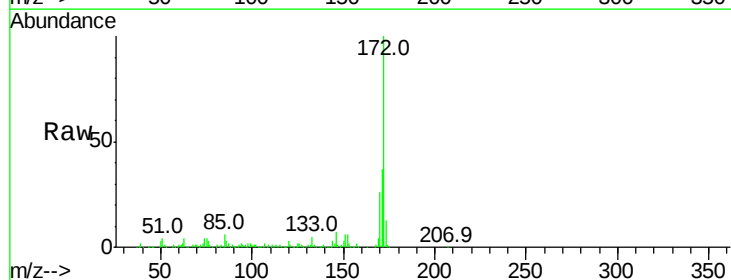


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

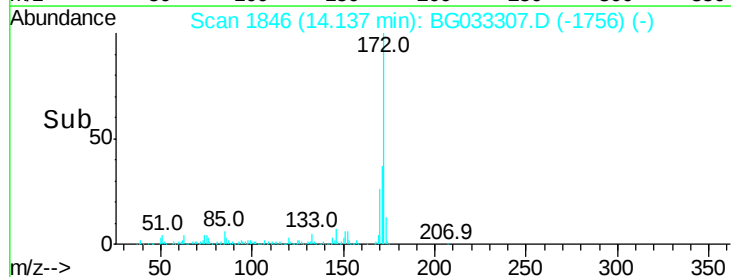
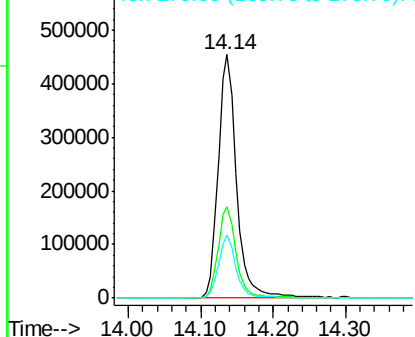


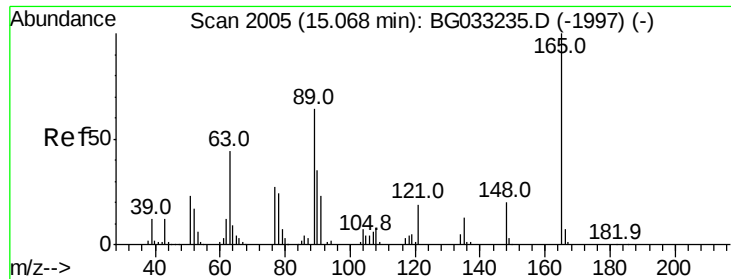
#44
 2-Fluorobiphenyl
 Concen: 100.383 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

Tgt Ion:172 Resp: 804796
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 25.8 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

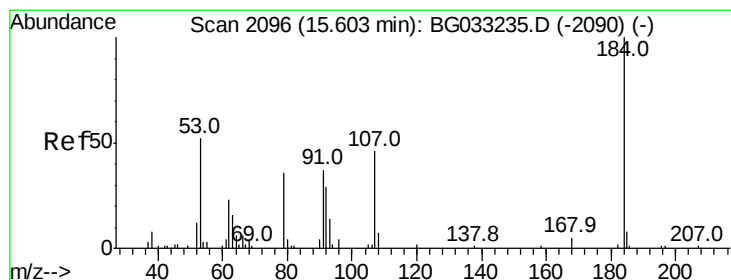
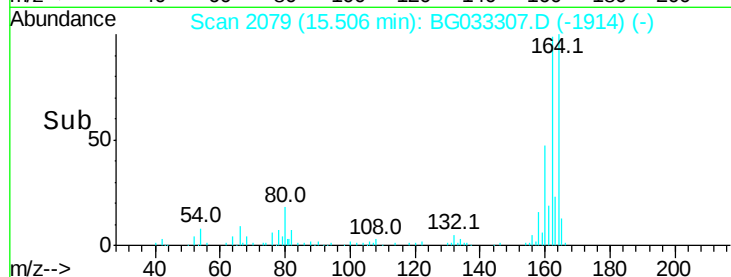
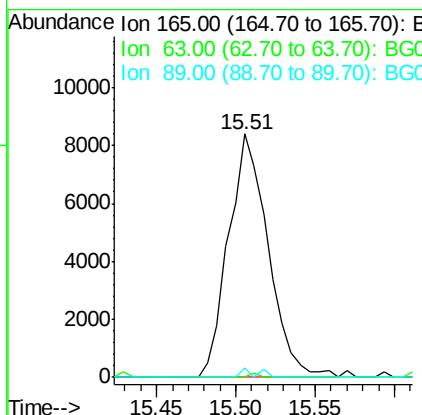
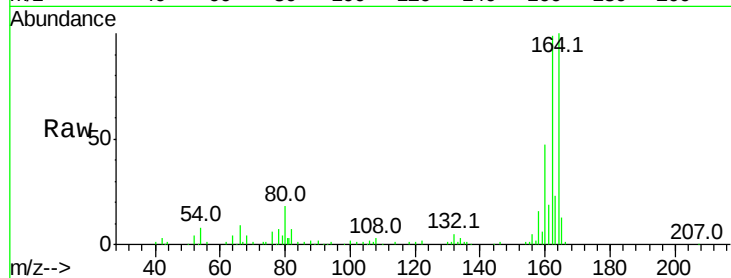




#50
 2,6-Dinitrotoluene
 Concen: 7.066 ng
 RT: 15.51 min Scan# 2079
 Delta R.T. 0.44 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

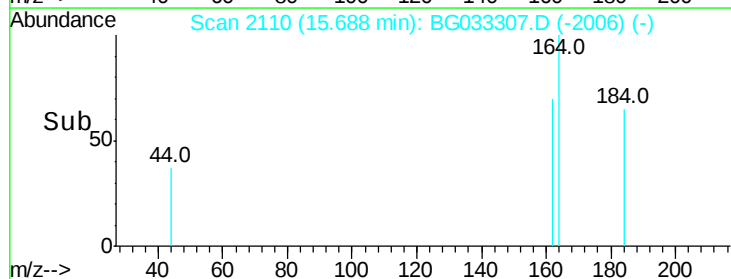
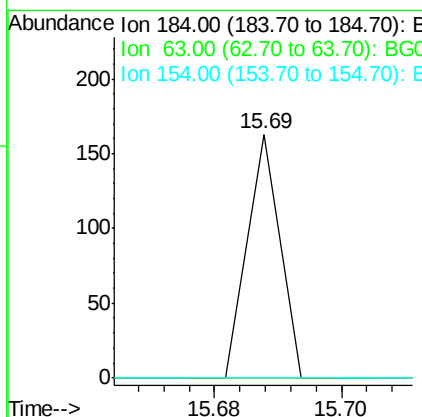
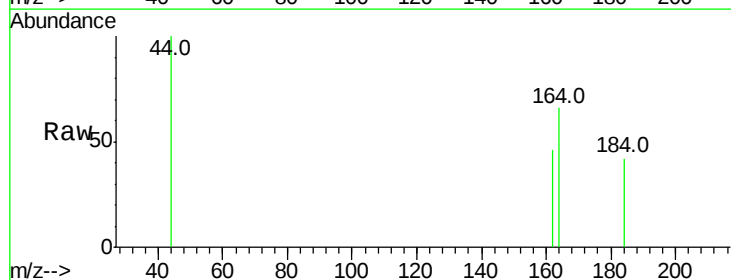
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14553
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.8 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.691 ng
 RT: 15.69 min Scan# 2110
 Delta R.T. 0.08 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

Tgt Ion:184 Resp: 57
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#

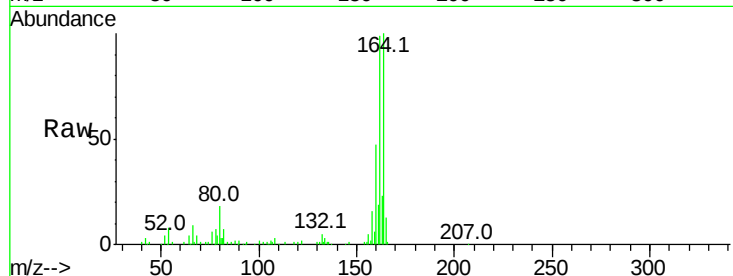




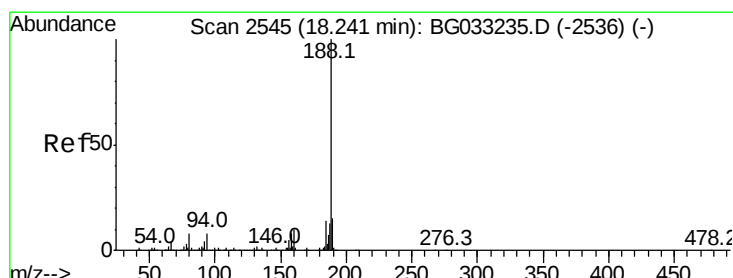
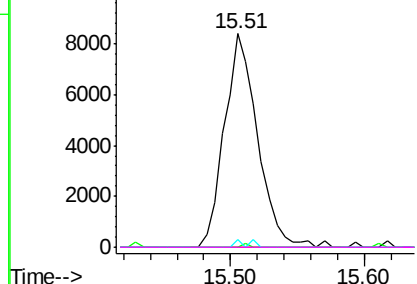
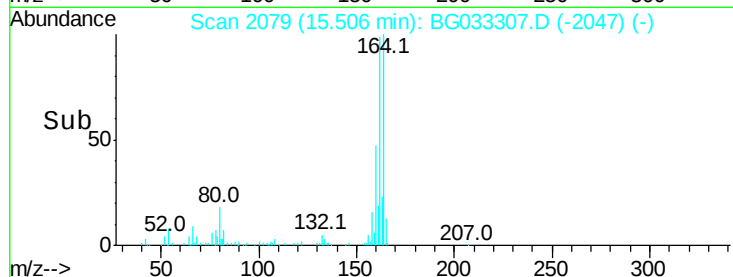
#56
2,4-Dinitrotoluene
Concen: 4.829 ng
RT: 15.51 min Scan# 2079
Delta R.T. -0.34 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 14643
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 3.8 66.9 100.3#
182 0.0 2.6 3.8#

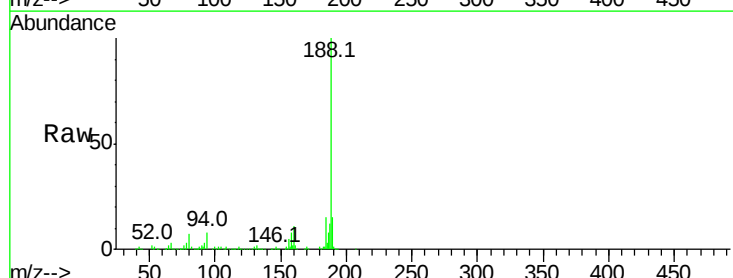


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

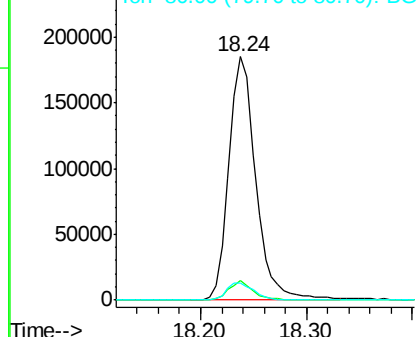
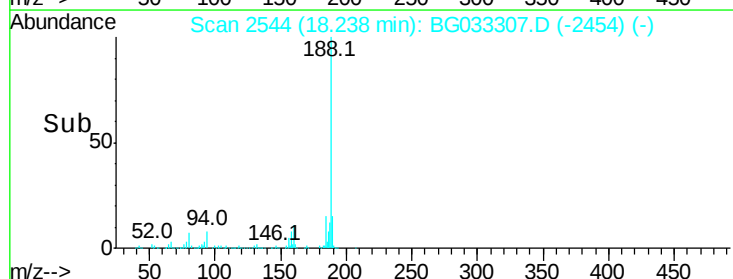


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2544
Delta R.T. -0.00 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Tgt Ion:188 Resp: 326115
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 6.9 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

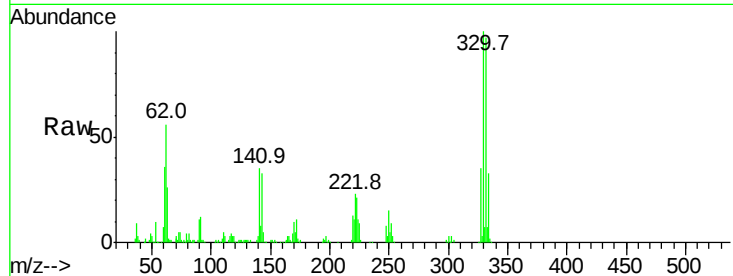




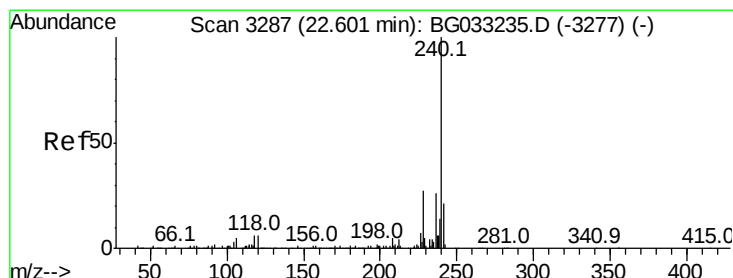
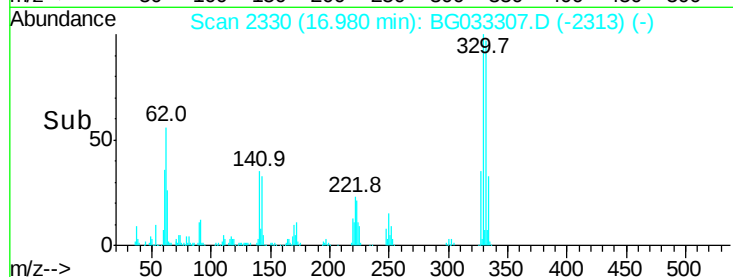
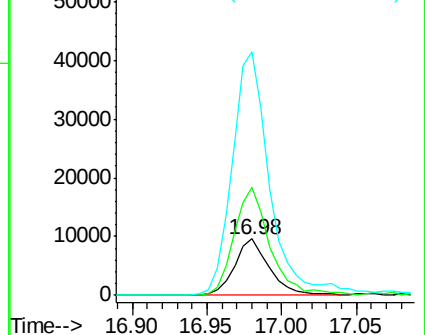
#66
4-Bromophenyl-phenylether
Concen: 4.039 ng
RT: 16.98 min Scan# 2330
Delta R.T. -0.43 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 15468
Ion Ratio Lower Upper
248 100
250 190.9 77.1 115.7#
141 433.2 50.8 76.2#

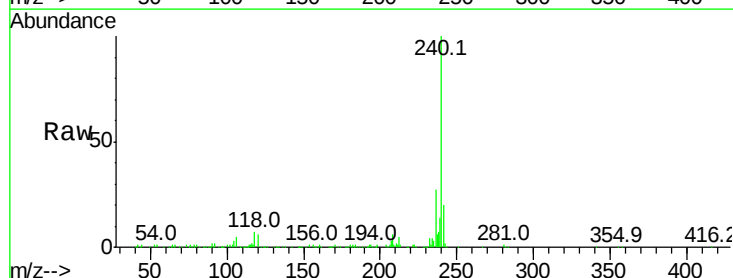


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

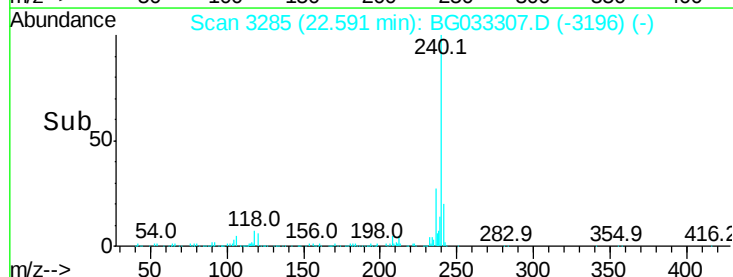
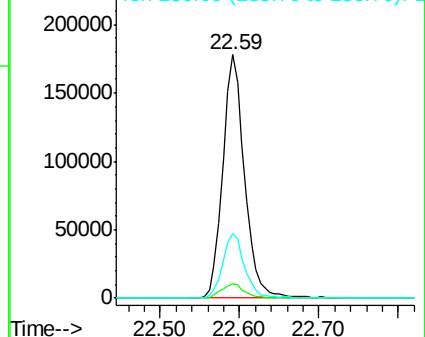


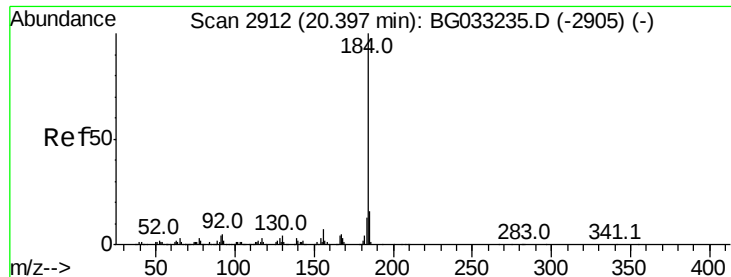
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG033307.D
Acq: 22 Mar 2018 22:58

Tgt Ion:240 Resp: 338110
Ion Ratio Lower Upper
240 100
120 6.0 6.8 10.2#
236 26.6 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: 3.015 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.36 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

Instrument :

BNA_G

ClientSampleId :

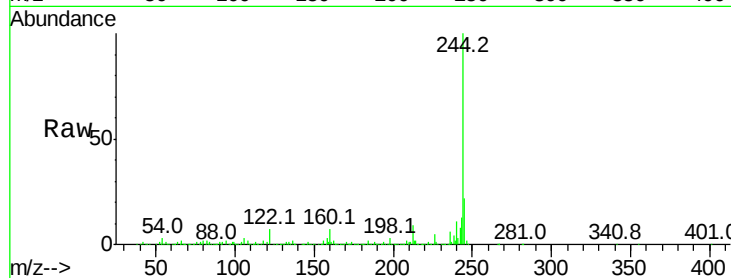
Tot Ion:184 Resp: 27646

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	9.0	10.6	16.0

184 100

185 14.9 11.1 16.7

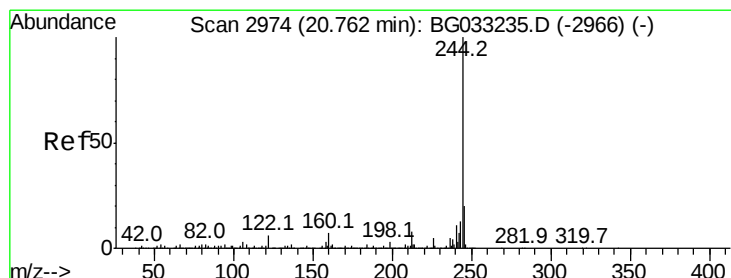
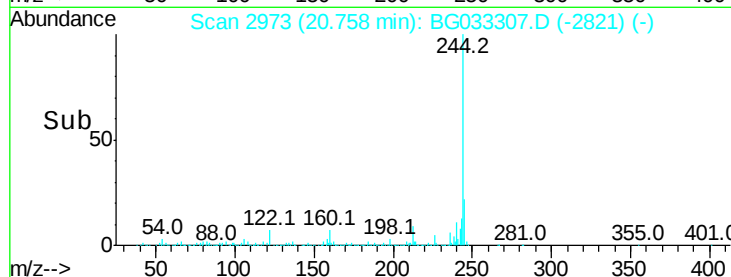
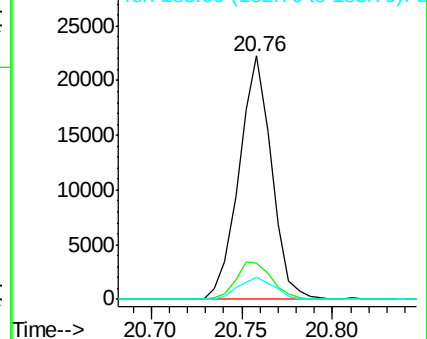
183 9.0 10.6 16.0



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: 101.025 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG033307.D

Acq: 22 Mar 2018 22:58

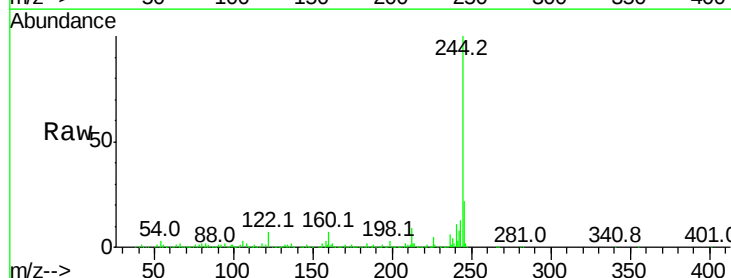
Tgt Ion:244 Resp: 1597186

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8
122	7.0	7.0	10.4

244 100

212 8.9 5.8 8.8

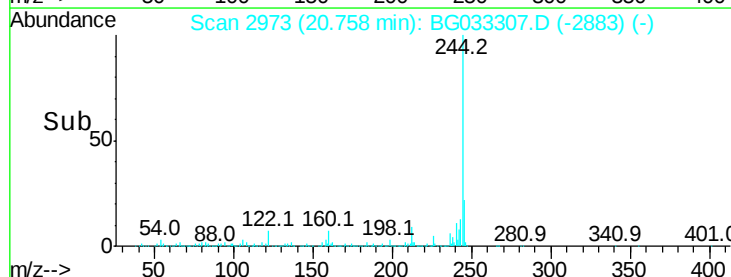
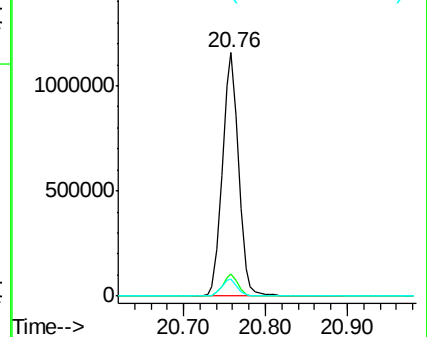
122 7.0 7.0 10.4

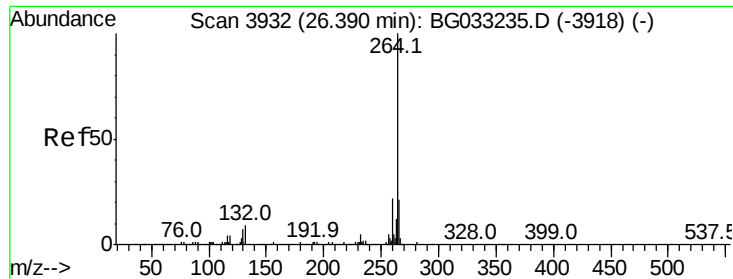


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.39 min Scan# 3931
 Delta R.T. -0.00 min
 Lab File: BG033307.D
 Acq: 22 Mar 2018 22:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.2	17.7	26.5

