

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051050.D
 Acq On : 15 Nov 2021 20:46
 Operator : CG/JU
 Sample : M4674-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MF-WATER-COMP

Quant Time: Nov 16 00:41:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

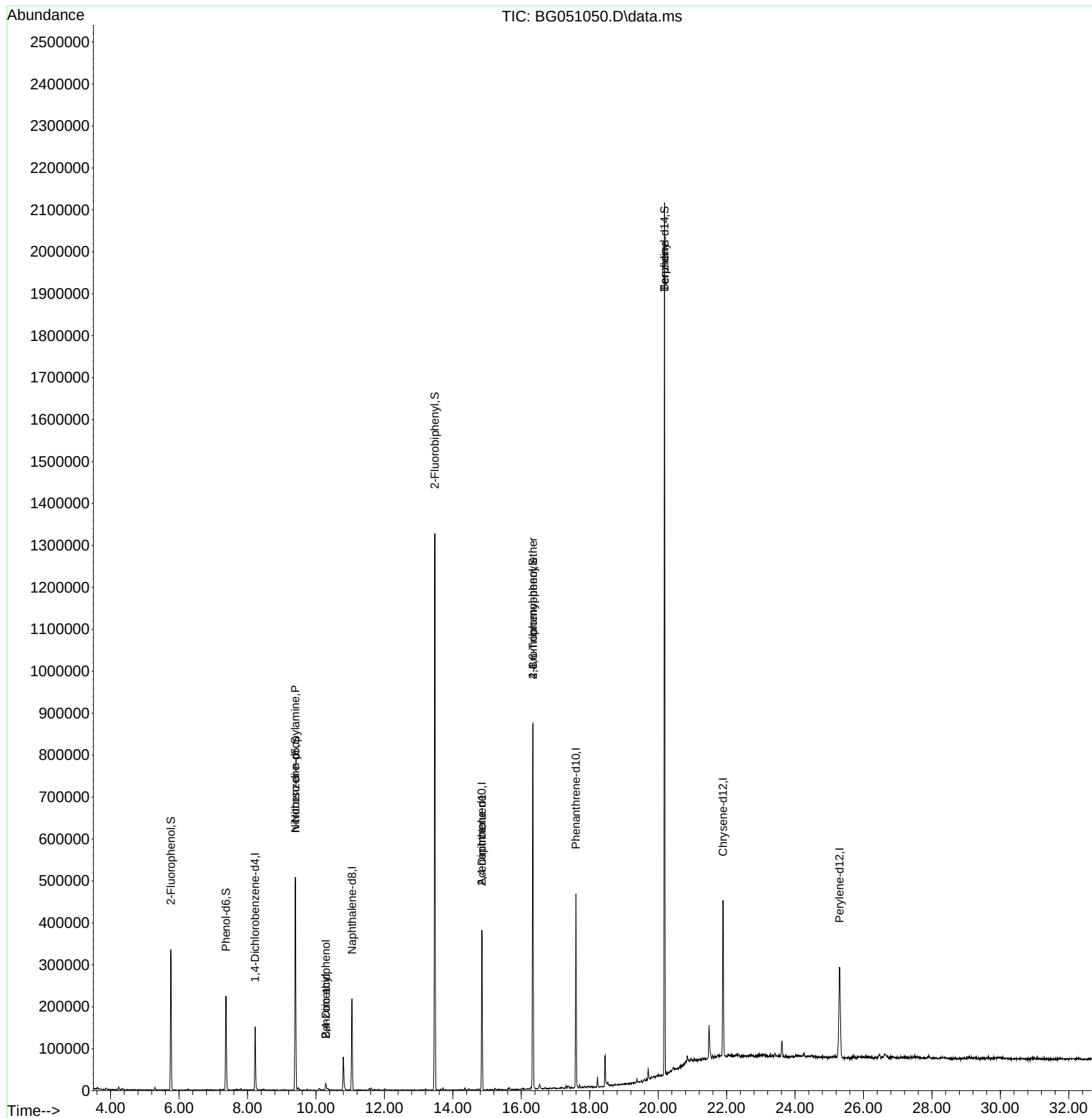
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	41670	20.000	ng	0.00
21) Naphthalene-d8	11.053	136	184768	20.000	ng	# 0.00
39) Acenaphthene-d10	14.849	164	134373	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	285086	20.000	ng	# 0.00
76) Chrysene-d12	21.893	240	227232	20.000	ng	# 0.00
86) Perylene-d12	25.301	264	222902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	147871	53.084	ng	0.00
7) Phenol-d6	7.369	99	134223	34.138	ng	0.00
23) Nitrobenzene-d5	9.402	82	336284	80.567	ng	0.00
42) 2,4,6-Tribromophenol	16.341	330	138920	103.309	ng	0.00
45) 2-Fluorobiphenyl	13.474	172	656106	77.149	ng	0.00
79) Terphenyl-d14	20.190	244	963091	77.553	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.402	70	47211	16.249	ng	# 67
27) 2,4-Dimethylphenol	10.289	122	6795	2.549	ng	# 1
32) Benzoic acid	10.289	122	6795	3.307	ng	83
57) 2,4-Dinitrotoluene	14.849	165	16749	5.425	ng	# 17
67) 4-Bromophenyl-phenylether	16.341	248	10903	3.651	ng	# 1
77) Benzidine	20.190	184	18016	4.194	ng	# 93

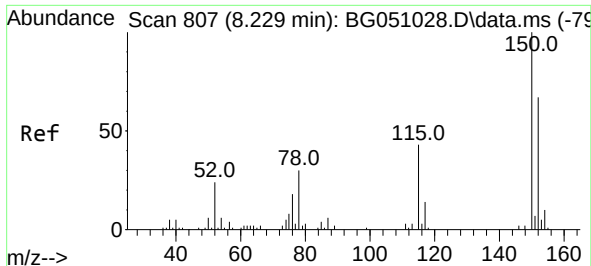
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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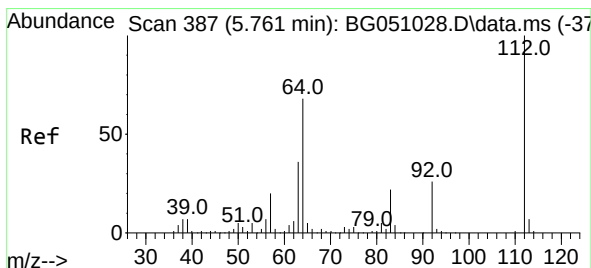
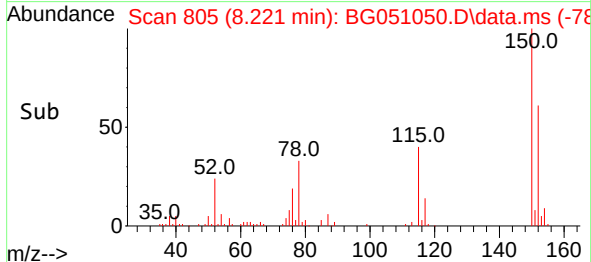
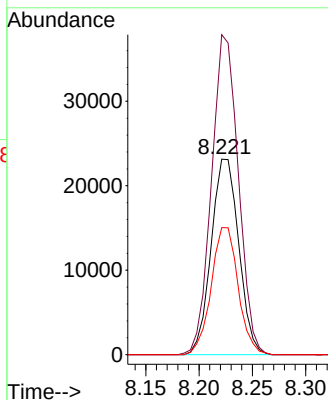
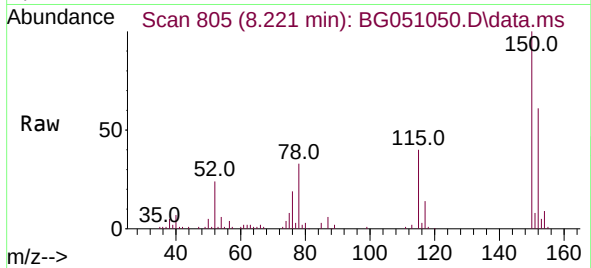




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 807
Delta R.T. -0.008 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

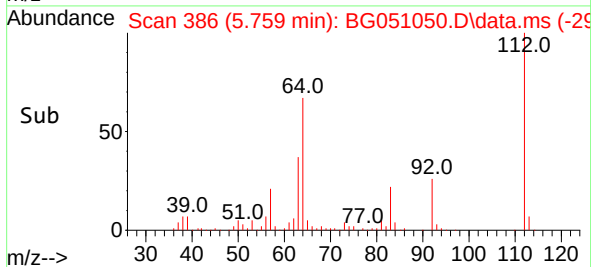
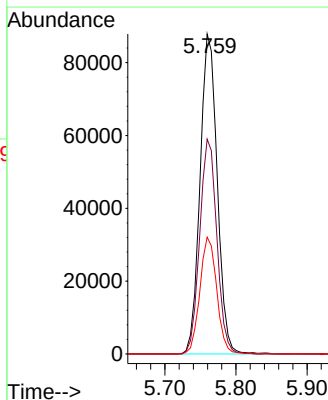
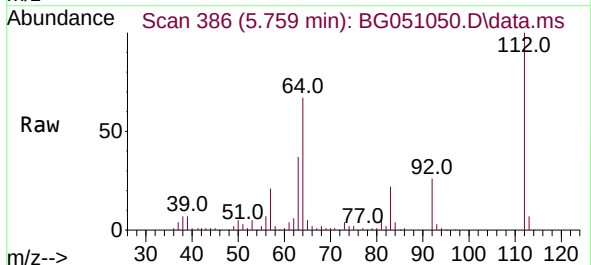
Instrument :
BNA_G
ClientSampleId :
MF-WATER-COMP

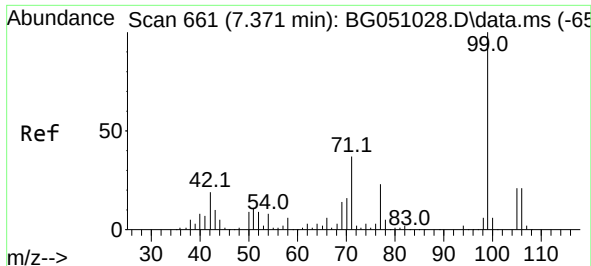
Tgt Ion:152 Resp: 41670
Ion Ratio Lower Upper
152 100
150 163.6 119.4 179.0
115 65.0 60.2 90.4



#5
2-Fluorophenol
Concen: 53.084 ng
RT: 5.759 min Scan# 386
Delta R.T. -0.002 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Tgt Ion:112 Resp: 147871
Ion Ratio Lower Upper
112 100
64 67.2 46.7 70.1
63 36.5 35.3 52.9

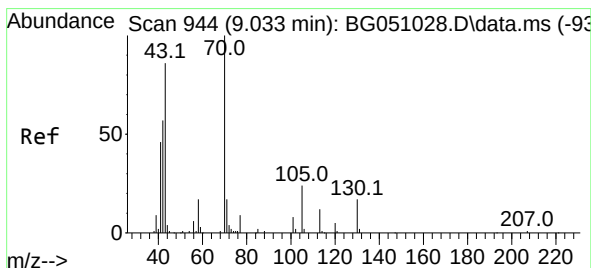
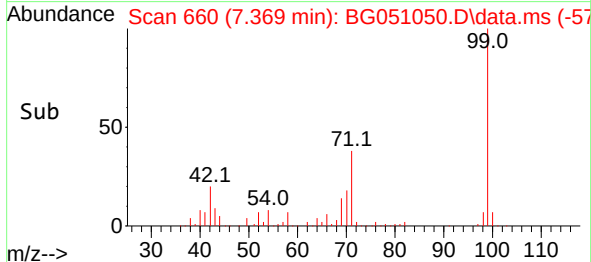
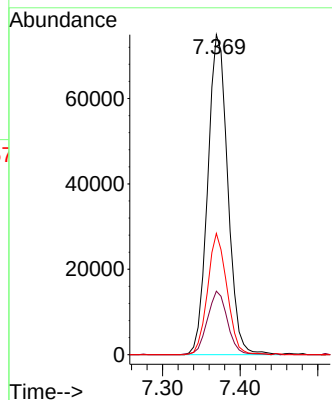
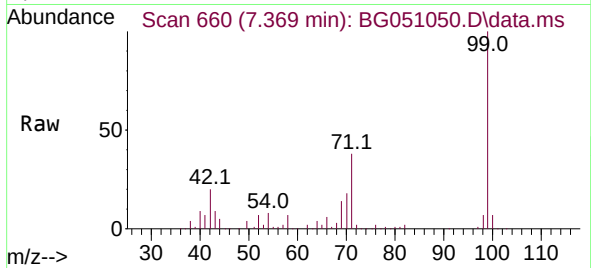




#7
Phenol-d6
Concen: 34.138 ng
RT: 7.369 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

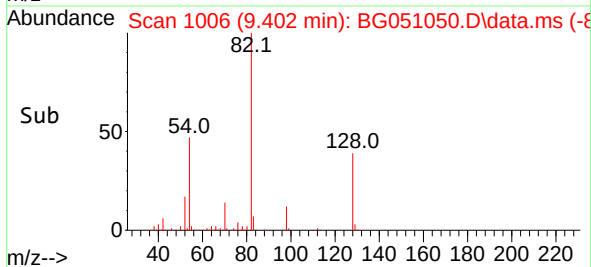
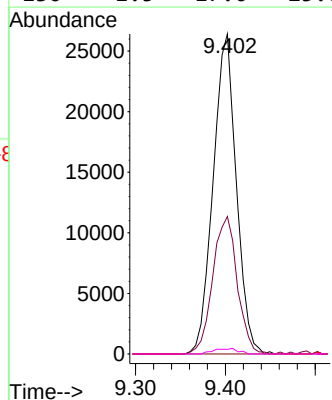
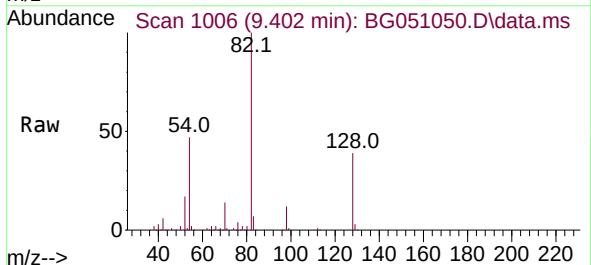
Instrument :
BNA_G
ClientSampleId :
MF-WATER-COMP

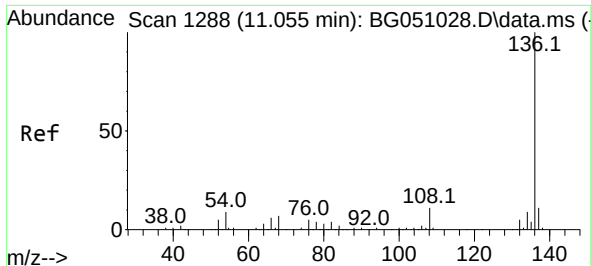
Tgt Ion: 99 Resp: 134223
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 37.9 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.249 ng
RT: 9.402 min Scan# 1006
Delta R.T. 0.369 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Tgt Ion: 70 Resp: 47211
Ion Ratio Lower Upper
70 100
42 42.9 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#

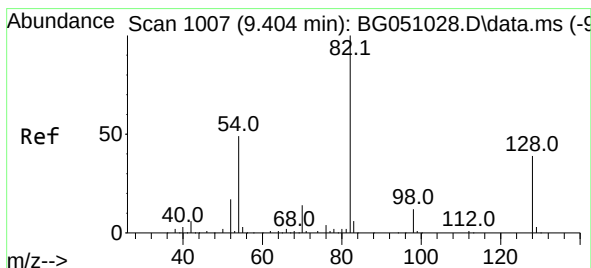
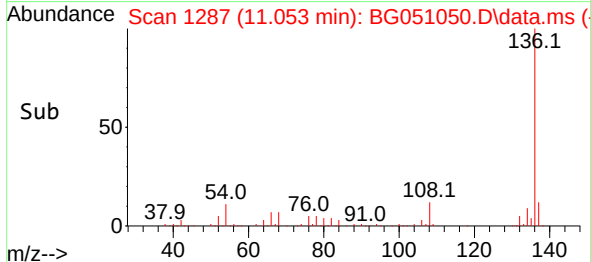
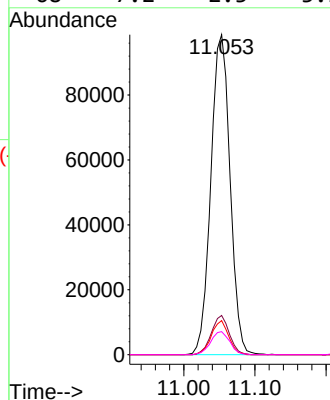
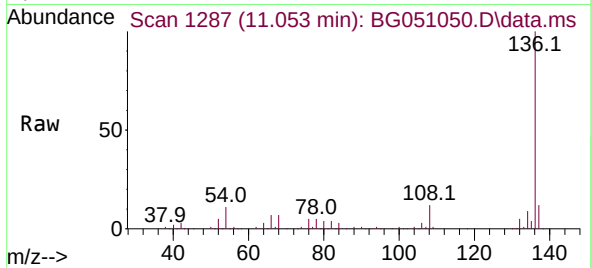




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.053 min Scan# 1106
Delta R.T. -0.001 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

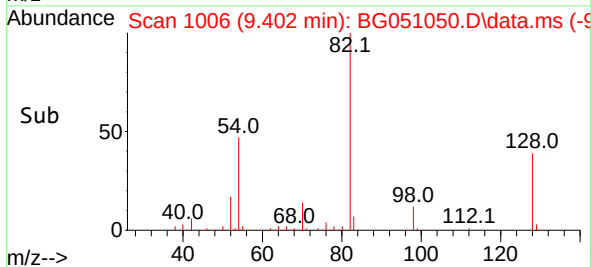
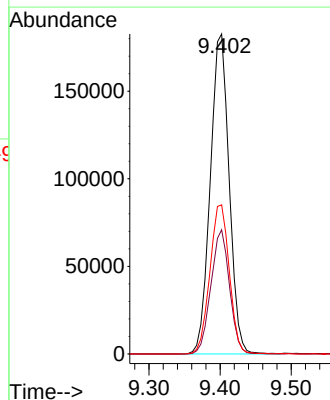
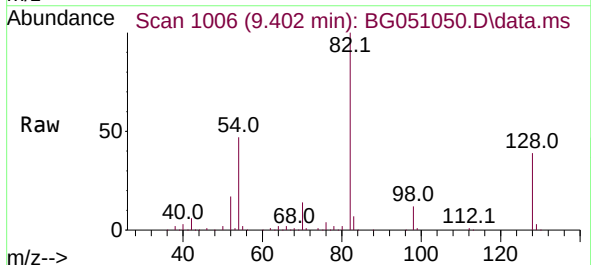
Instrument :
BNA_G
ClientSampleId :
MF-WATER-COMP

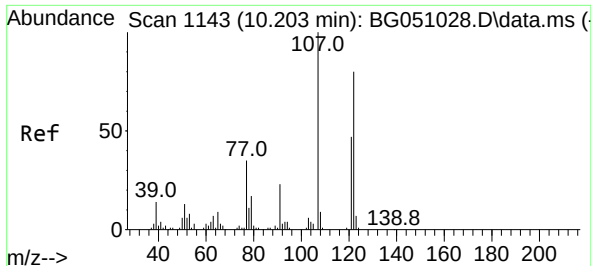
Tgt Ion:	136	Resp:	184768
Ion Ratio	Lower	Upper	
136	100		
137	12.2	8.2	12.2
54	10.7	5.5	8.3#
68	7.2	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 80.567 ng
RT: 9.402 min Scan# 1006
Delta R.T. -0.002 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Tgt Ion:	82	Resp:	336284
Ion Ratio	Lower	Upper	
82	100		
128	38.8	29.8	44.6
54	46.6	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 2.549 ng

RT: 10.289 min Scan# 1157

Delta R.T. 0.087 min

Lab File: BG051050.D

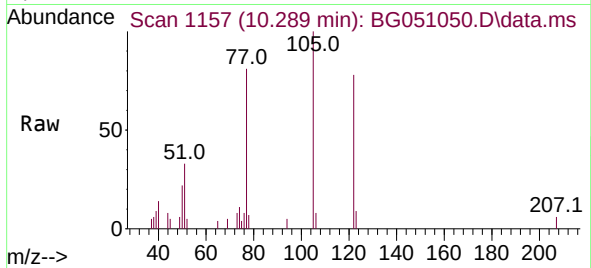
Acq: 15 Nov 2021 20:46

Instrument :

BNA_G

ClientSampleId :

MF-WATER-COMP



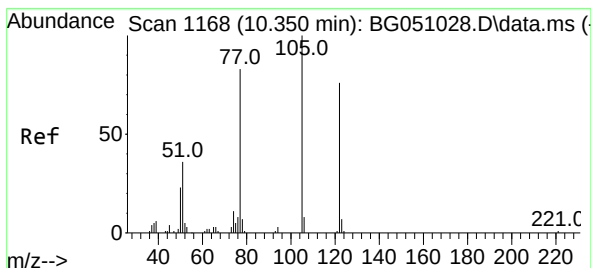
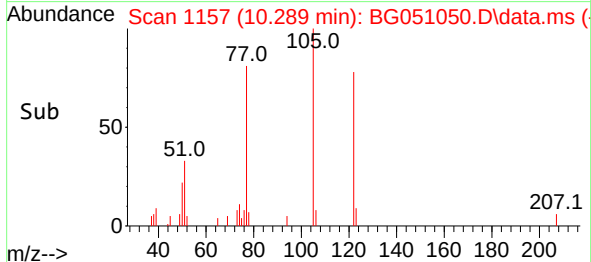
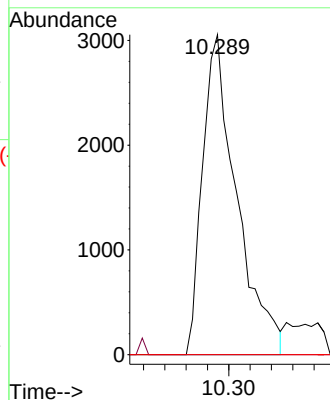
Tgt Ion:122 Resp: 6795

Ion Ratio Lower Upper

122 100

107 0.0 110.1 165.1#

121 0.0 49.0 73.6#



#32

Benzoic acid

Concen: 3.307 ng

RT: 10.289 min Scan# 1157

Delta R.T. -0.060 min

Lab File: BG051050.D

Acq: 15 Nov 2021 20:46

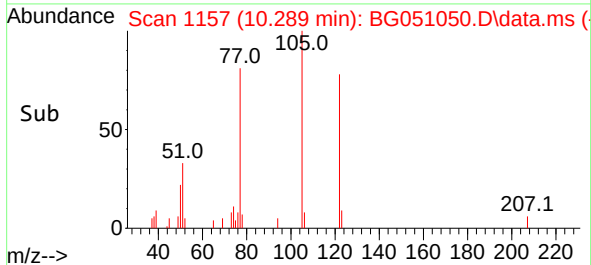
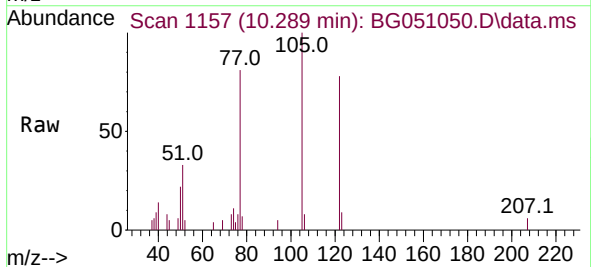
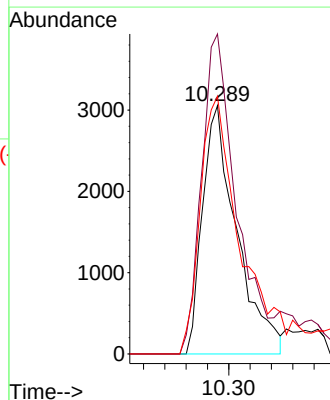
Tgt Ion:122 Resp: 6795

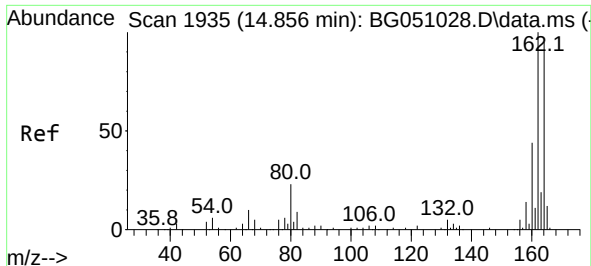
Ion Ratio Lower Upper

122 100

105 128.8 92.3 132.3

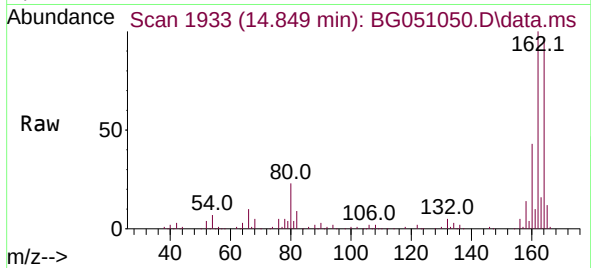
77 103.8 66.5 106.5



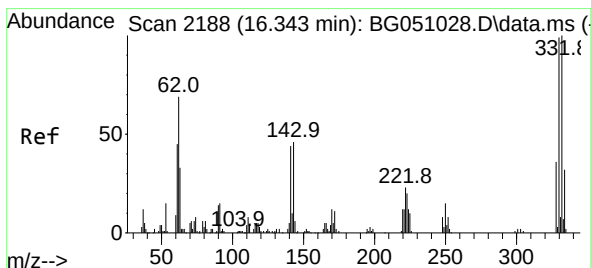
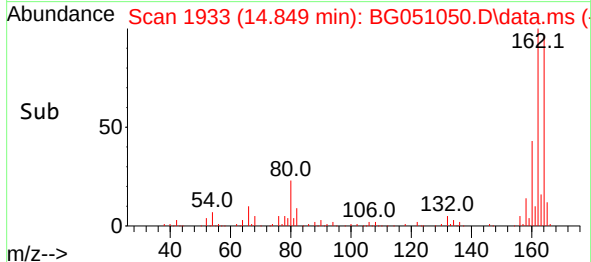
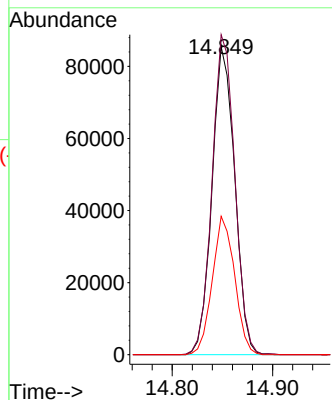


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.849 min Scan# 1933
Delta R.T. -0.007 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Instrument :
BNA_G
ClientSampleId :
MF-WATER-COMP

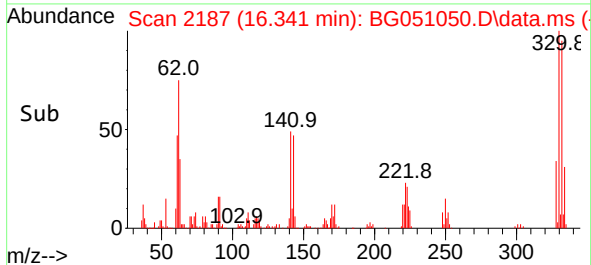
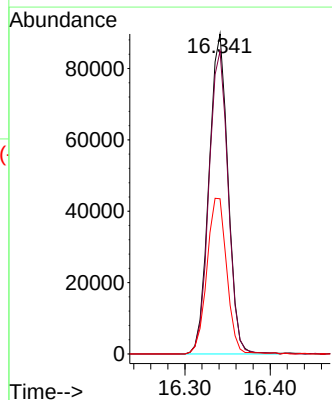
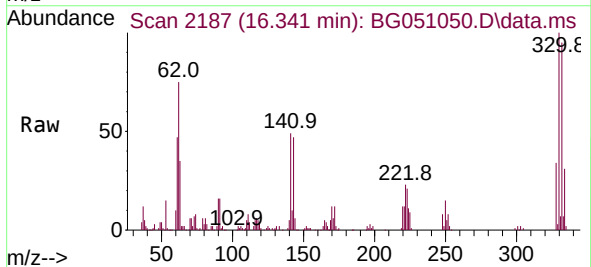


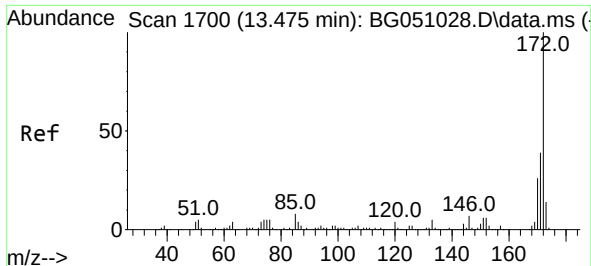
Tgt Ion:164 Resp: 134373
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 103.309 ng
RT: 16.341 min Scan# 2187
Delta R.T. -0.002 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Tgt Ion:330 Resp: 138920
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 50.8 35.6 53.4

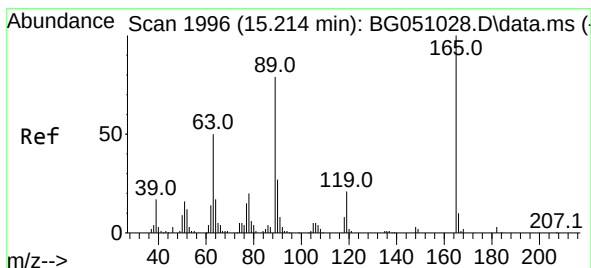
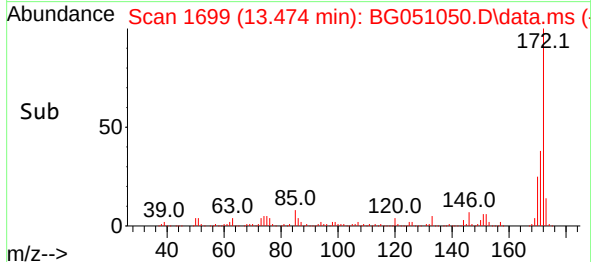
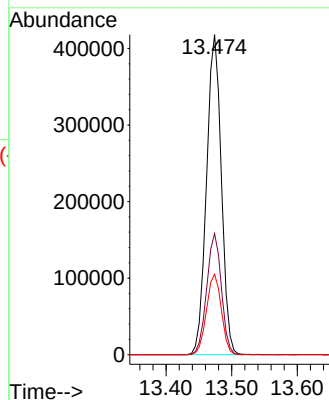
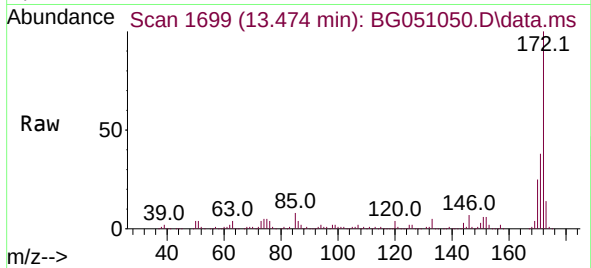




#45
2-Fluorobiphenyl
Concen: 77.149 ng
RT: 13.474 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

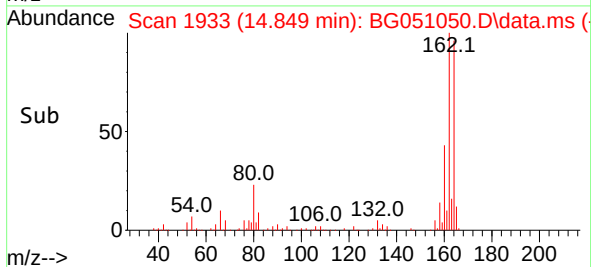
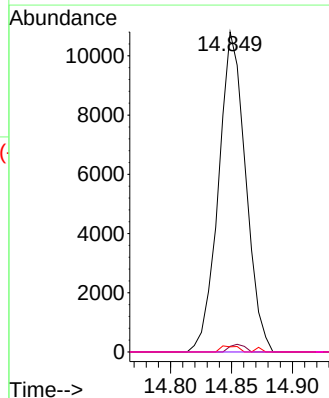
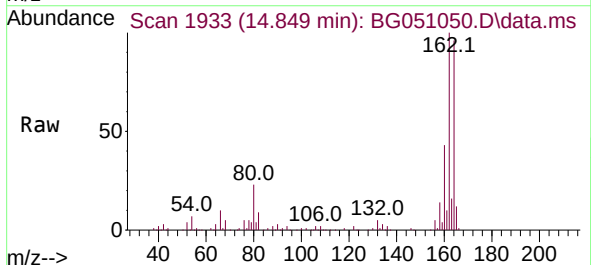
Instrument :
BNA_G
ClientSampleId :
MF-WATER-COMP

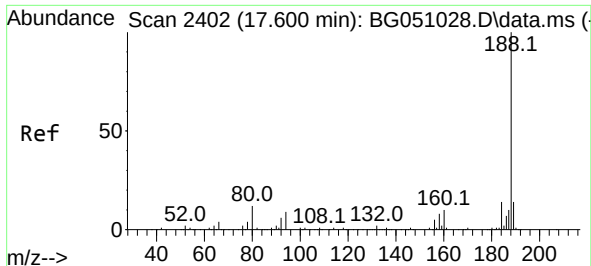
Tgt Ion:172 Resp: 656106
Ion Ratio Lower Upper
172 100
171 37.9 28.6 43.0
170 25.1 18.6 27.8



#57
2,4-Dinitrotoluene
Concen: 5.425 ng
RT: 14.849 min Scan# 1933
Delta R.T. -0.366 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Tgt Ion:165 Resp: 16749
Ion Ratio Lower Upper
165 100
63 1.8 48.0 72.0#
89 1.6 65.4 98.0#
182 0.0 2.0 3.0#

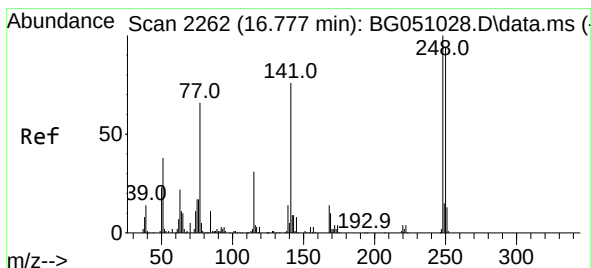
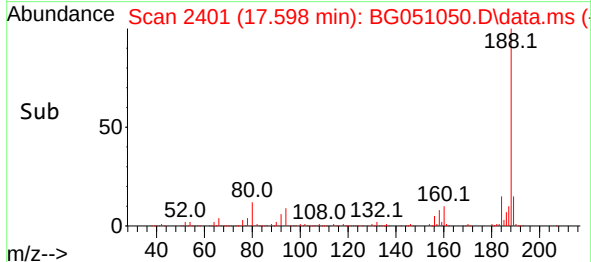
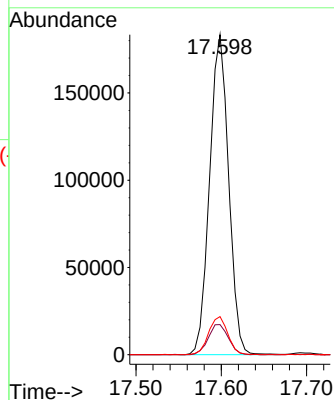
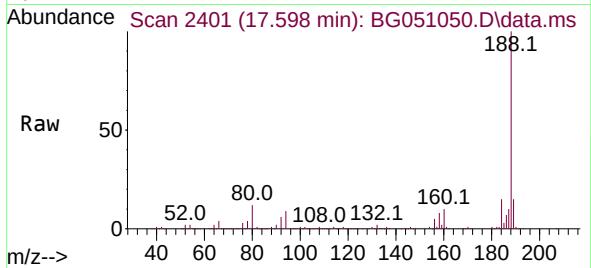




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.598 min Scan# 2401
Delta R.T. -0.001 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

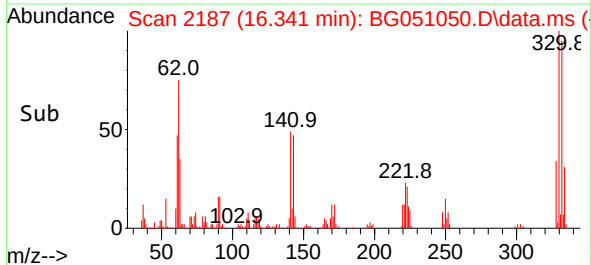
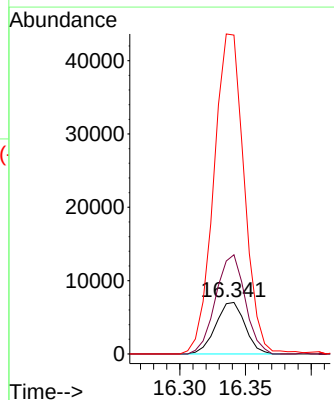
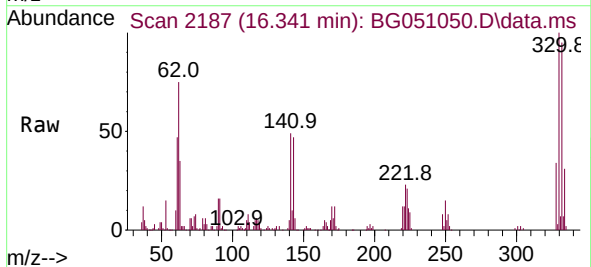
Instrument :
BNA_G
ClientSampleId :
MF-WATER-COMP

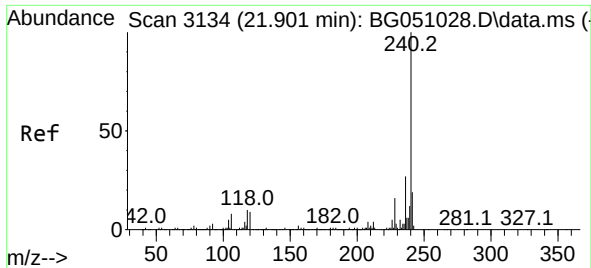
Tgt Ion:188 Resp: 285086
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.651 ng
RT: 16.341 min Scan# 2187
Delta R.T. -0.436 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Tgt Ion:248 Resp: 10903
Ion Ratio Lower Upper
248 100
250 192.3 76.1 114.1#
141 618.5 65.4 98.2#

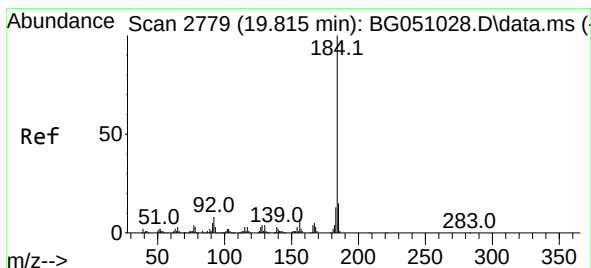
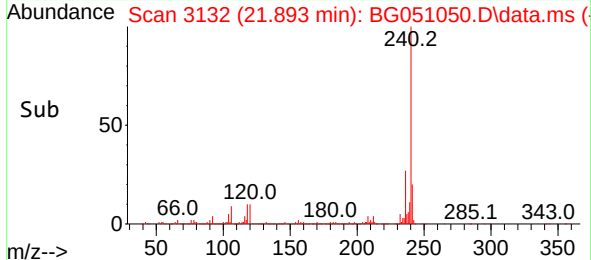
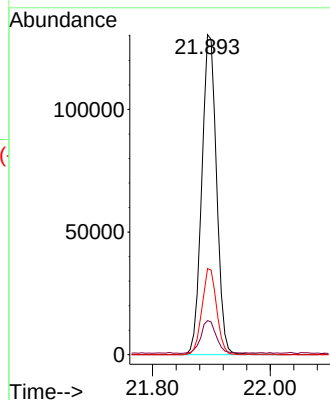
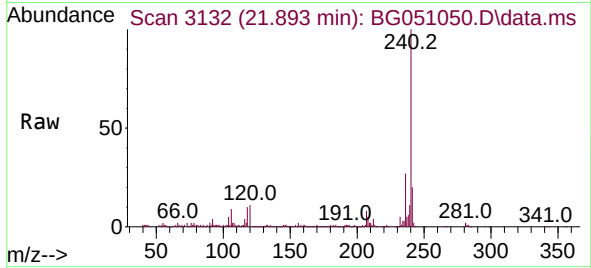




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 3134
Delta R.T. -0.007 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

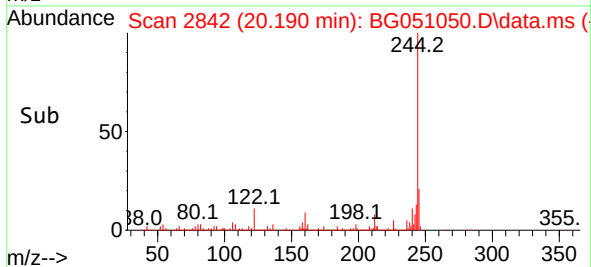
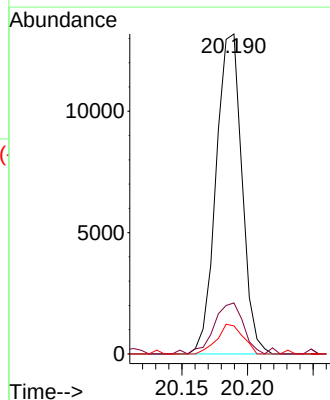
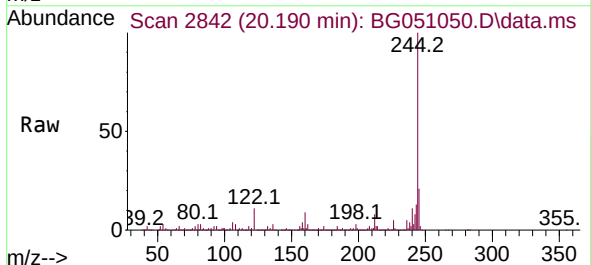
Instrument :
BNA_G
ClientSampleId :
MF-WATER-COMP

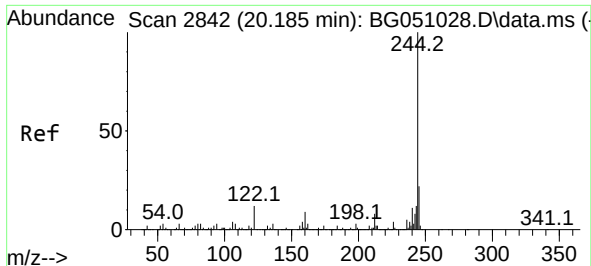
Tgt Ion:240 Resp: 227232
Ion Ratio Lower Upper
240 100
120 10.7 4.2 6.2#
236 26.9 21.8 32.6



#77
Benzidine
Concen: 4.194 ng
RT: 20.190 min Scan# 2842
Delta R.T. 0.375 min
Lab File: BG051050.D
Acq: 15 Nov 2021 20:46

Tgt Ion:184 Resp: 18016
Ion Ratio Lower Upper
184 100
185 16.0 10.7 16.1
183 8.8 9.4 14.0#

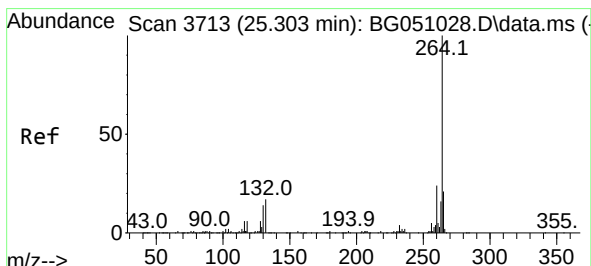
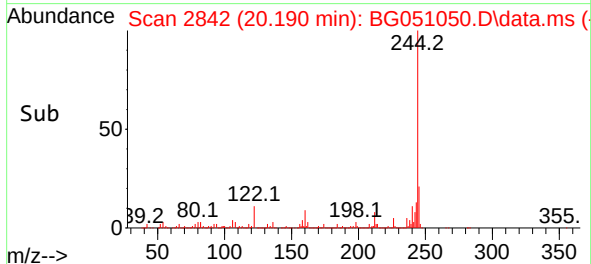
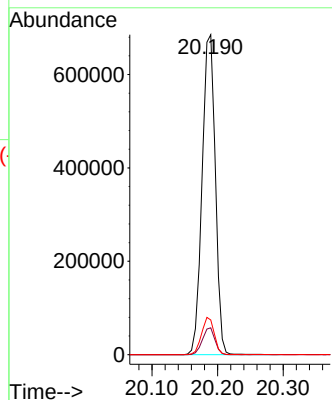
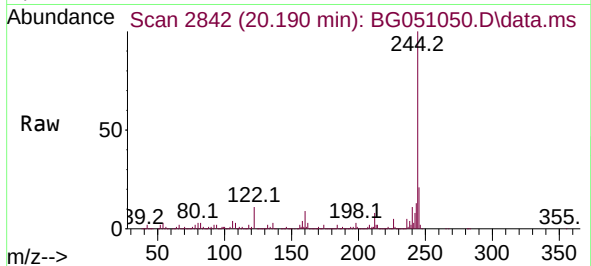




#79
 Terphenyl-d14
 Concen: 77.553 ng
 RT: 20.190 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BG051050.D
 Acq: 15 Nov 2021 20:46

Instrument :
 BNA_G
 ClientSampleId :
 MF-WATER-COMP

Tgt Ion:244 Resp: 963091
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 10.8 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.301 min Scan# 3712
 Delta R.T. -0.001 min
 Lab File: BG051050.D
 Acq: 15 Nov 2021 20:46

Tgt Ion:264 Resp: 222902
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.4 29.2
 265 22.5 16.9 25.3

