

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060034.D
 Acq On : 15 Dec 2023 13:48
 Operator : MA/JU
 Sample : 05791-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-EE-NN

Quant Time: Dec 15 14:56:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

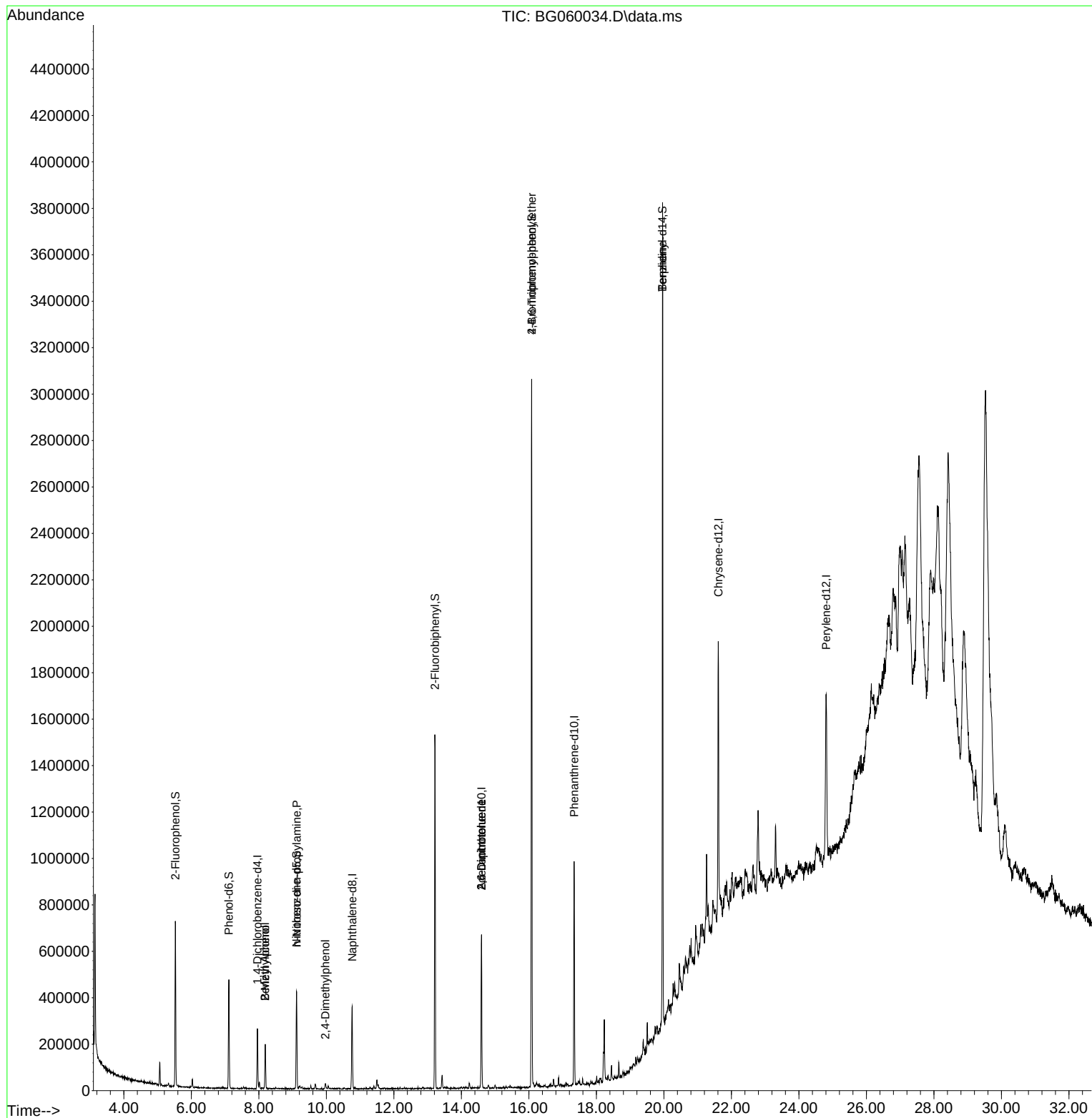
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	67659	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	279447	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	232142	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	660726	20.000	ng	0.00
76) Chrysene-d12	21.610	240	786284	20.000	ng	# 0.00
86) Perylene-d12	24.807	264	886852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	266721	67.484	ng	0.00
7) Phenol-d6	7.110	99	235568	42.371	ng	0.00
23) Nitrobenzene-d5	9.113	82	244612	39.748	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	733852	135.648	ng	0.00
45) 2-Fluorobiphenyl	13.214	172	840058	44.289	ng	0.00
79) Terphenyl-d14	19.959	244	1978733	45.945	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.185	79	66053	14.782	ng	97
17) 2-Methylphenol	8.185	107	31681	8.508	ng	# 1
19) n-Nitroso-di-n-propyla...	9.119	70	37185	10.367	ng	# 69
27) 2,4-Dimethylphenol	9.965	122	9549	3.032	ng	# 1
51) 2,6-Dinitrotoluene	14.595	165	33270	8.913	ng	# 24
57) 2,4-Dinitrotoluene	14.595	165	33270	6.341	ng	# 27
67) 4-Bromophenyl-phenylether	16.082	248	44472	4.770	ng	# 1
69) Atrazine	16.816	200	64	Below Cal		# 1
77) Benzidine	19.959	184	28799	2.852	ng	# 92

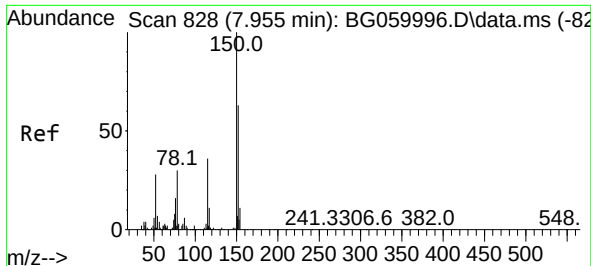
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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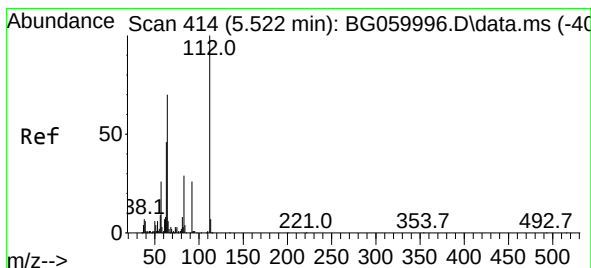
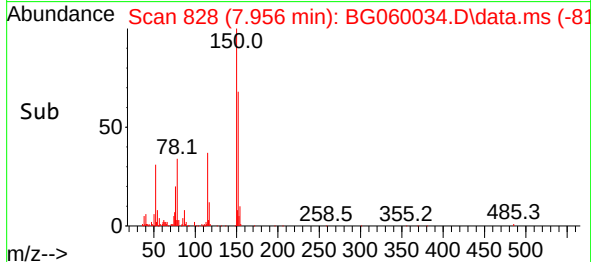
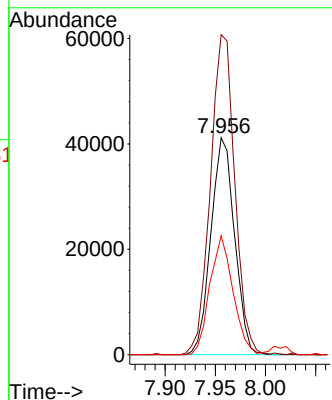
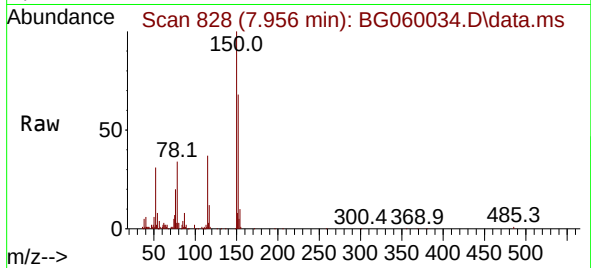




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.956 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

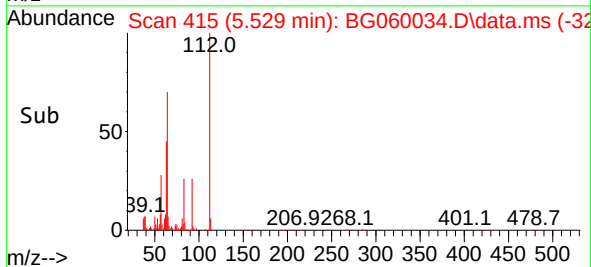
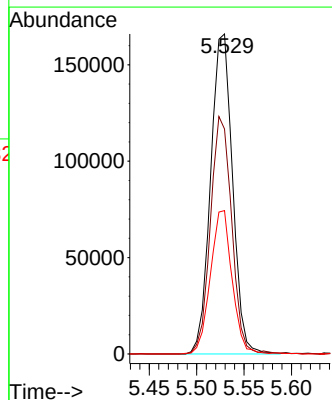
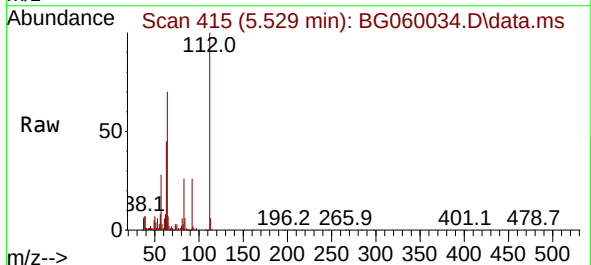
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

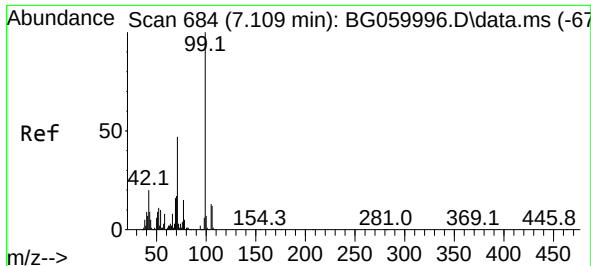
Tgt Ion:152 Resp: 67659
Ion Ratio Lower Upper
152 100
150 147.4 127.0 190.6
115 54.8 45.7 68.5



#5
2-Fluorophenol
Concen: 67.484 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.007 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

Tgt Ion:112 Resp: 266721
Ion Ratio Lower Upper
112 100
64 70.3 55.9 83.9
63 44.8 36.5 54.7

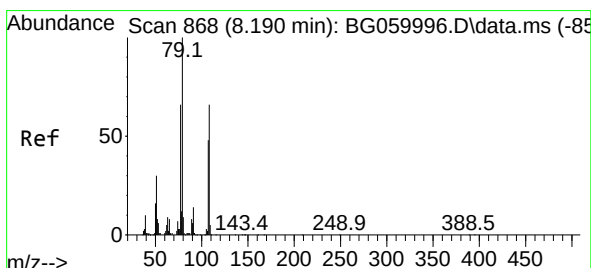
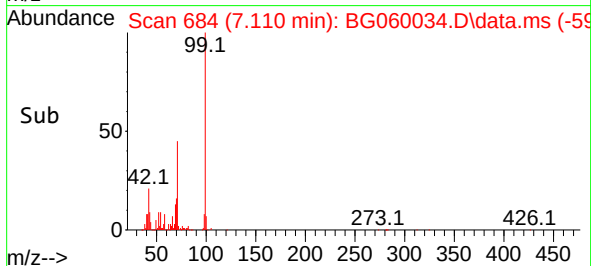
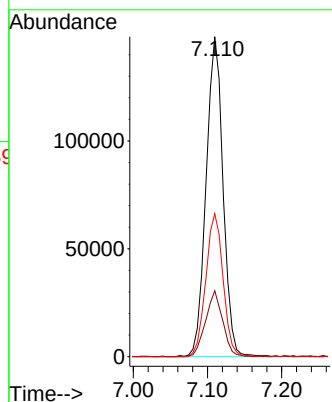
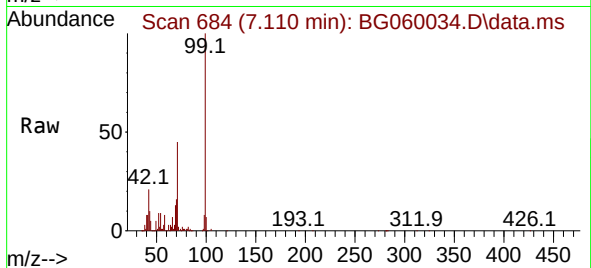




#7
Phenol-d6
Concen: 42.371 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

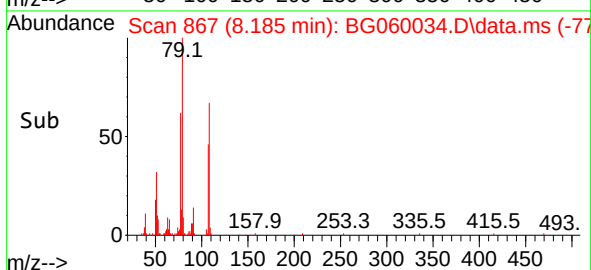
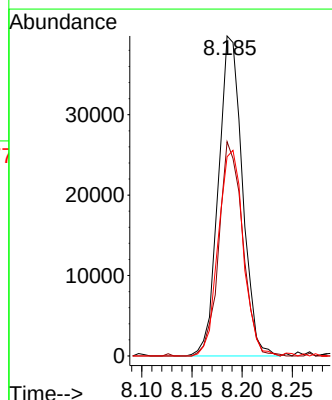
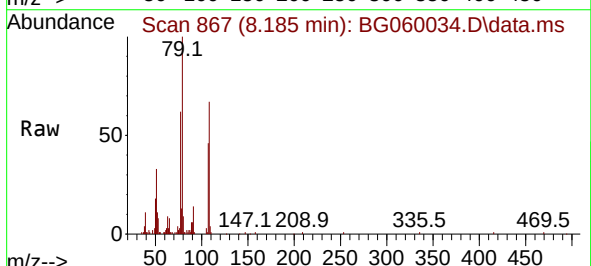
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

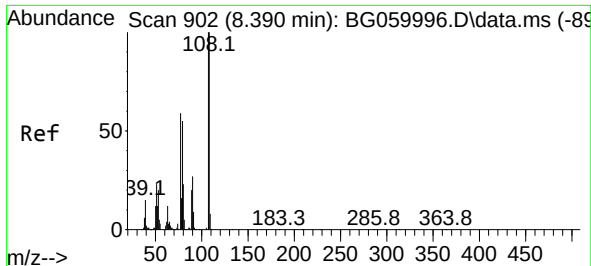
Tgt Ion: 99 Resp: 235568
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 44.7 37.6 56.4



#15
Benzyl Alcohol
Concen: 14.782 ng
RT: 8.185 min Scan# 867
Delta R.T. -0.005 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

Tgt Ion: 79 Resp: 66053
Ion Ratio Lower Upper
79 100
108 67.0 53.1 79.7
77 62.2 52.8 79.2





#17

2-Methylphenol

Concen: 8.508 ng

RT: 8.185 min Scan# 80

Delta R.T. -0.205 min

Lab File: BG060034.D

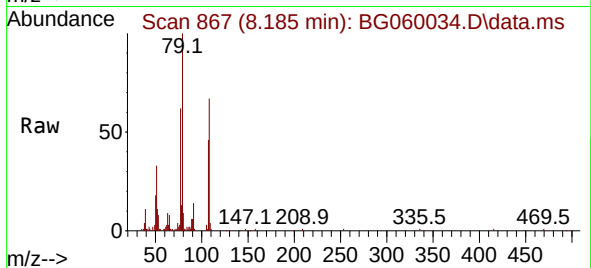
Acq: 15 Dec 2023 13:48

Instrument :

BNA_G

ClientSampleId :

MW-1B-EE-NN



Tgt Ion:107 Resp: 31681

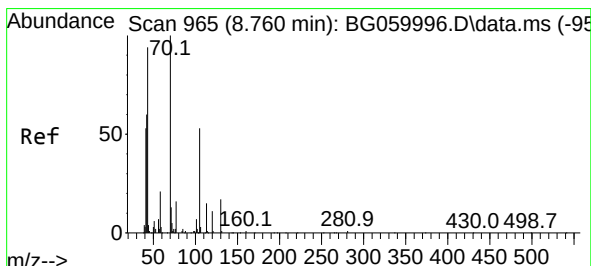
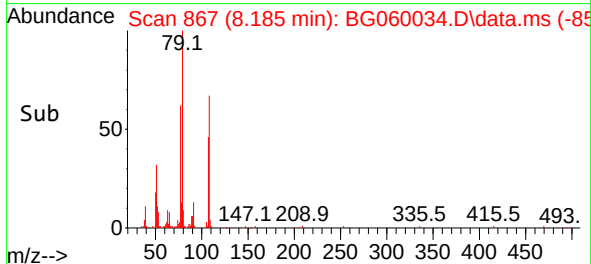
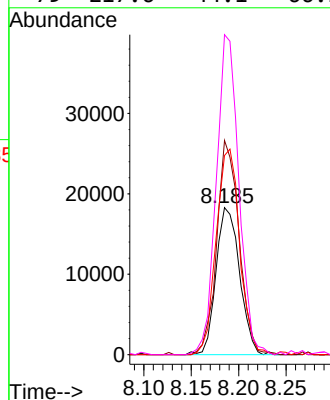
Ion Ratio Lower Upper

107 100

108 145.7 80.7 121.1#

77 135.4 47.8 71.6#

79 217.6 44.1 66.1#



#19

n-Nitroso-di-n-propylamine

Concen: 10.367 ng

RT: 9.119 min Scan# 1026

Delta R.T. 0.359 min

Lab File: BG060034.D

Acq: 15 Dec 2023 13:48

Tgt Ion: 70 Resp: 37185

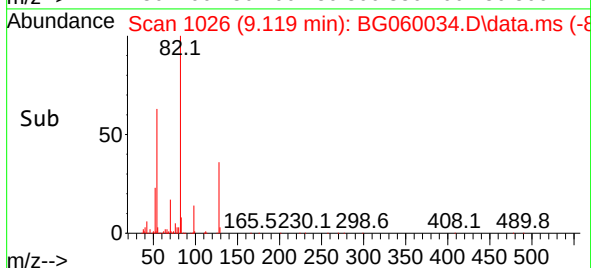
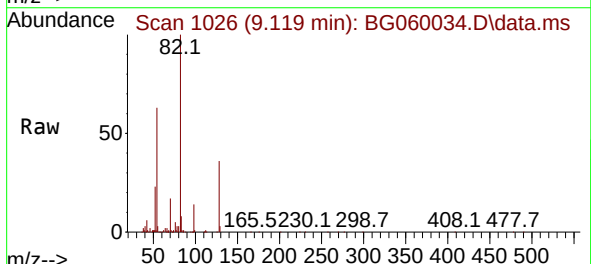
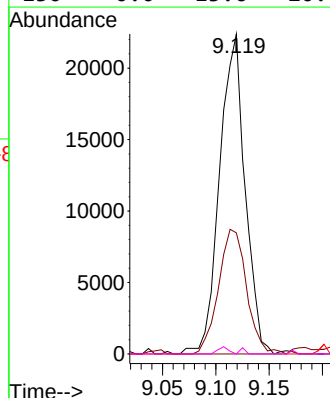
Ion Ratio Lower Upper

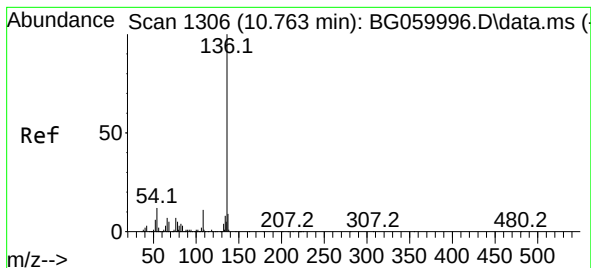
70 100

42 37.8 48.6 73.0#

101 0.0 5.7 8.5#

130 0.0 13.6 20.4#

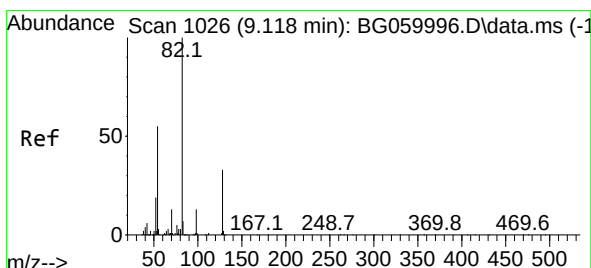
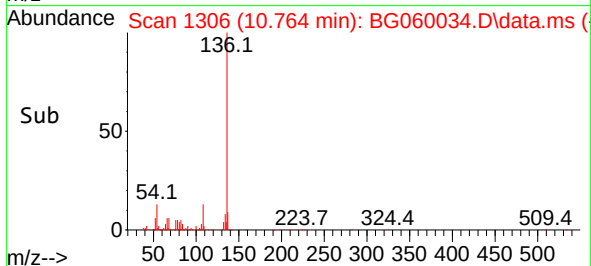
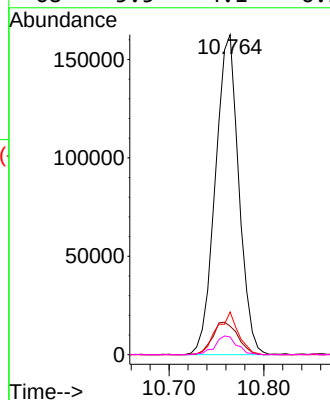
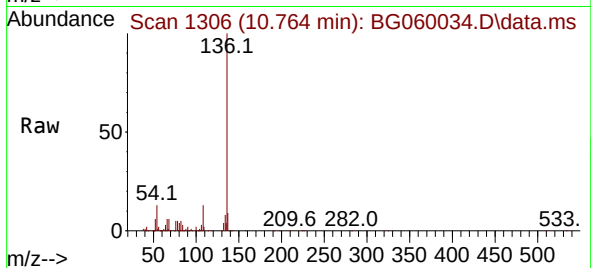




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

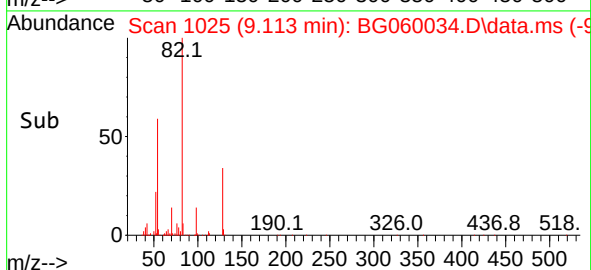
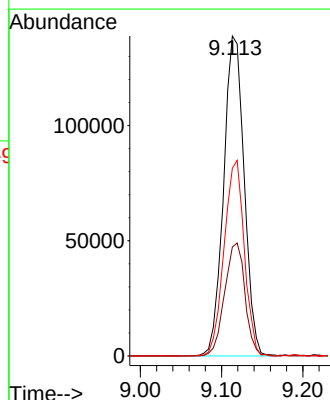
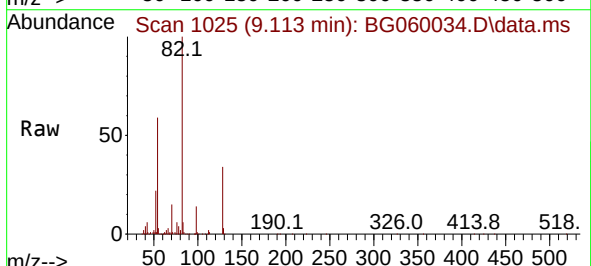
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

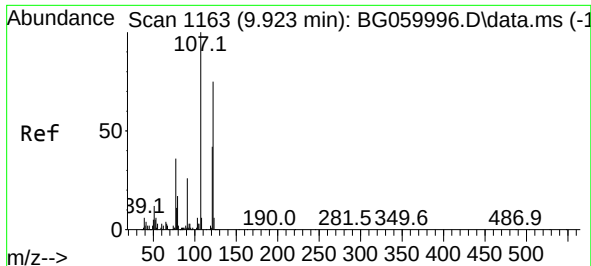
Tgt Ion:	136	Resp:	279447
Ion	Ratio	Lower	Upper
136	100		
137	8.9	7.3	10.9
54	13.4	9.6	14.4
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 39.748 ng
RT: 9.113 min Scan# 1025
Delta R.T. -0.005 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

Tgt Ion:	82	Resp:	244612
Ion	Ratio	Lower	Upper
82	100		
128	34.0	26.3	39.5
54	58.6	44.3	66.5





#27

2,4-Dimethylphenol

Concen: 3.032 ng

RT: 9.965 min Scan# 1163

Delta R.T. 0.042 min

Lab File: BG060034.D

Acq: 15 Dec 2023 13:48

Instrument :

BNA_G

ClientSampleId :

MW-1B-EE-NN

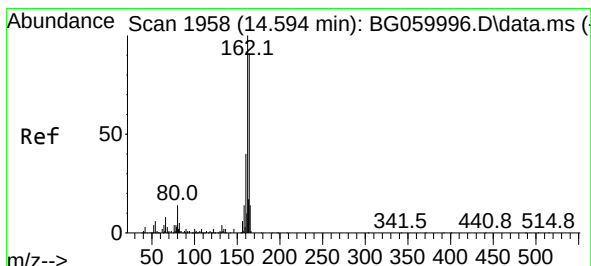
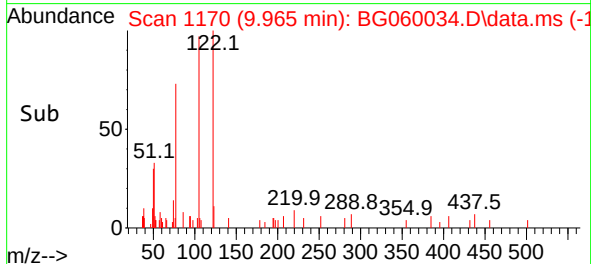
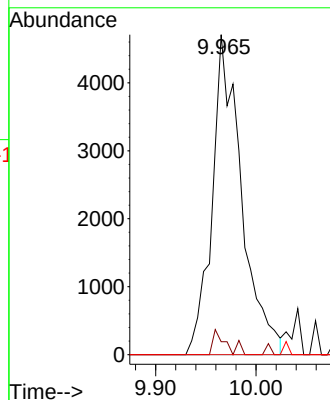
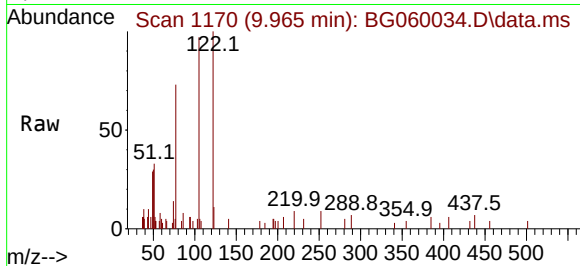
Tgt Ion:122 Resp: 9549

Ion Ratio Lower Upper

122 100

107 4.1 105.9 158.9#

121 0.0 44.5 66.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.595 min Scan# 1958

Delta R.T. 0.001 min

Lab File: BG060034.D

Acq: 15 Dec 2023 13:48

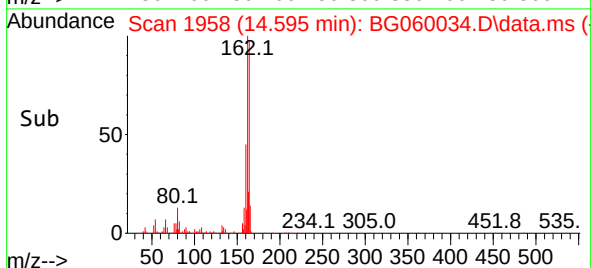
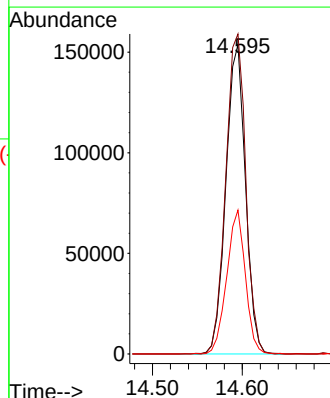
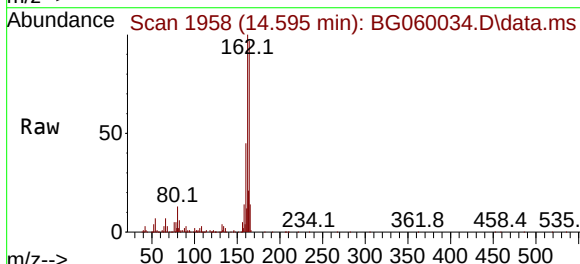
Tgt Ion:164 Resp: 232142

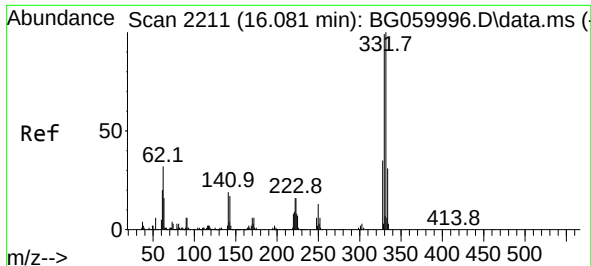
Ion Ratio Lower Upper

164 100

162 103.4 88.1 132.1

160 46.5 35.4 53.0

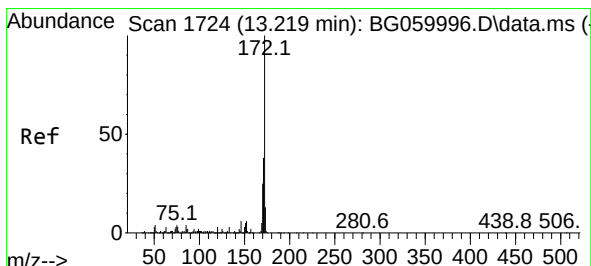
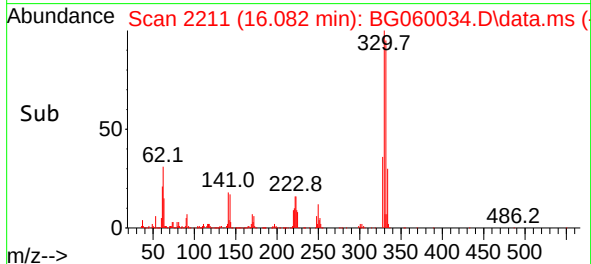
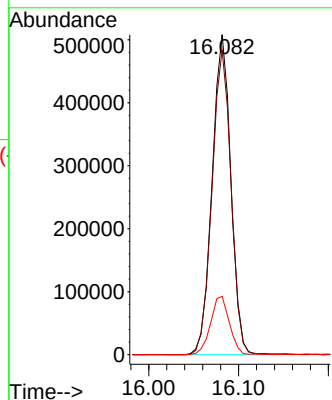
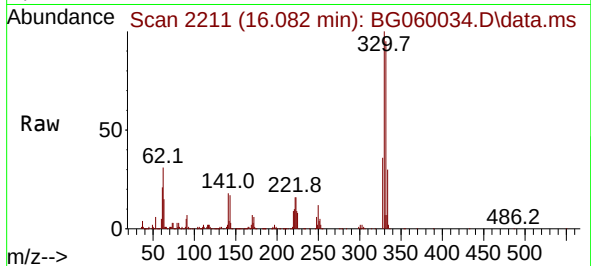




#42
2,4,6-Tribromophenol
Concen: 135.648 ng
RT: 16.082 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

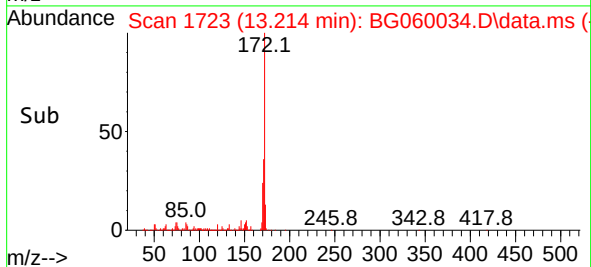
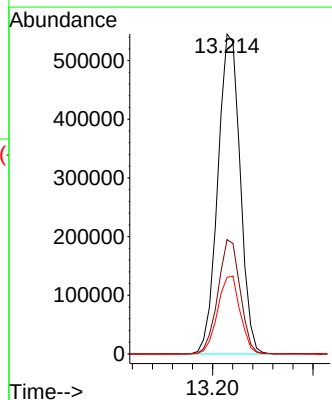
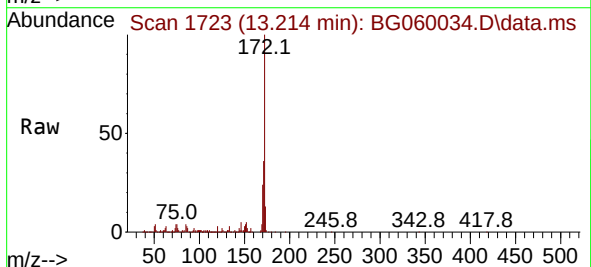
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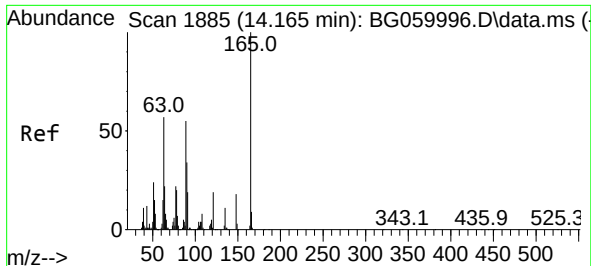
Tgt Ion:330 Resp: 733852
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 18.5 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 44.289 ng
RT: 13.214 min Scan# 1723
Delta R.T. -0.005 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

Tgt Ion:172 Resp: 840058
Ion Ratio Lower Upper
172 100
171 35.7 30.1 45.1
170 23.9 20.0 30.0

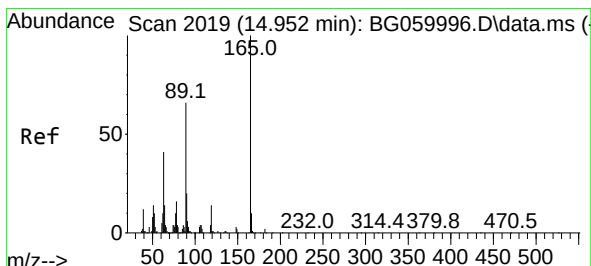
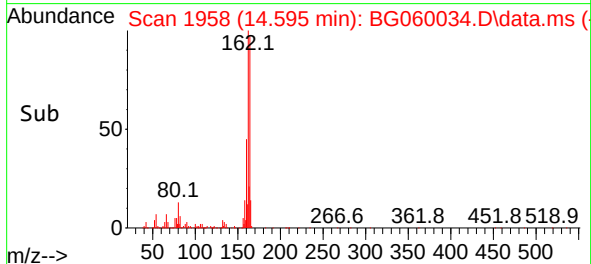
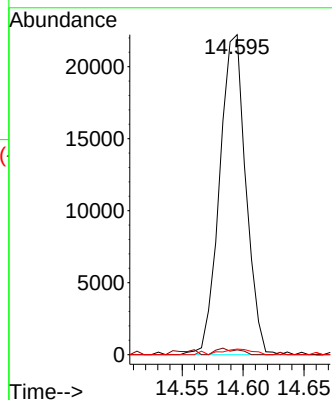
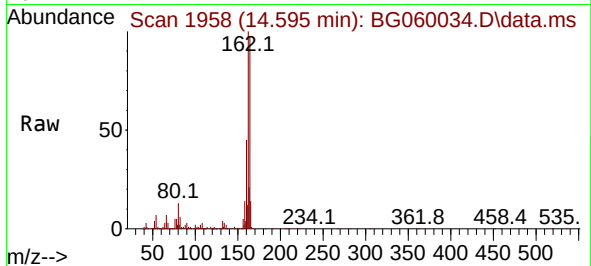




#51
2,6-Dinitrotoluene
Concen: 8.913 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.430 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

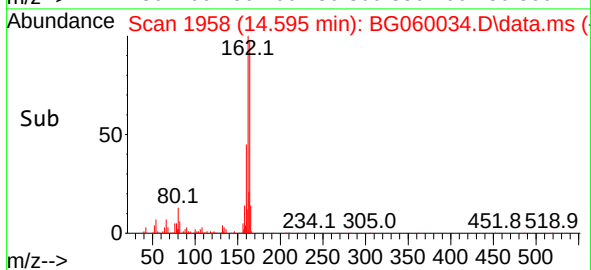
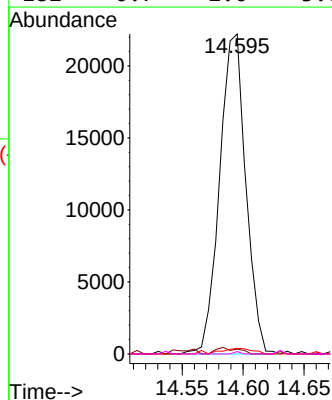
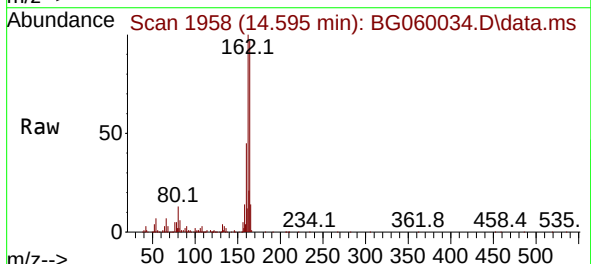
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

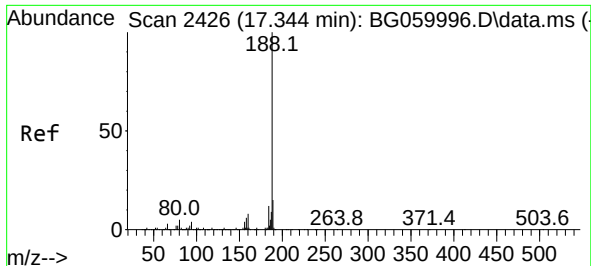
Tgt Ion:165 Resp: 33270
Ion Ratio Lower Upper
165 100
63 1.5 48.2 72.2#
89 1.8 44.4 66.6#



#57
2,4-Dinitrotoluene
Concen: 6.341 ng
RT: 14.595 min Scan# 1958
Delta R.T. -0.357 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

Tgt Ion:165 Resp: 33270
Ion Ratio Lower Upper
165 100
63 1.5 32.8 49.2#
89 1.8 53.0 79.6#
182 0.7 2.0 3.0#

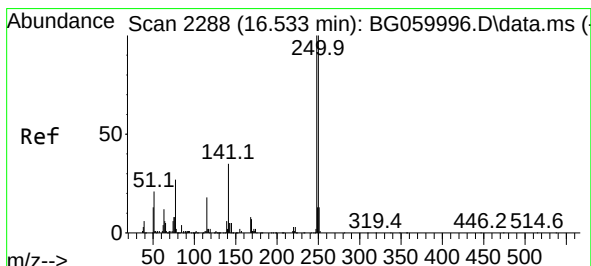
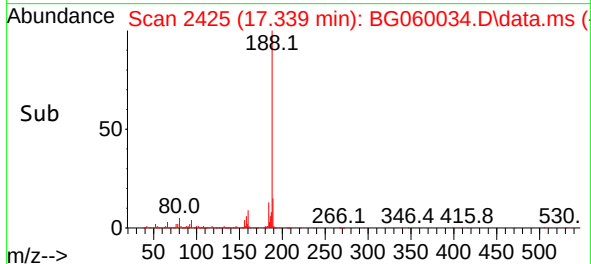
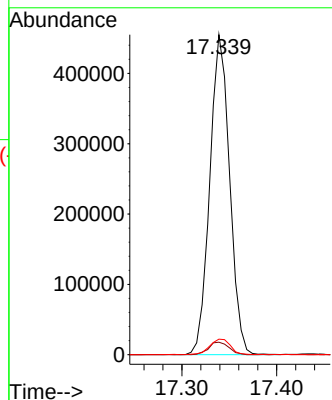
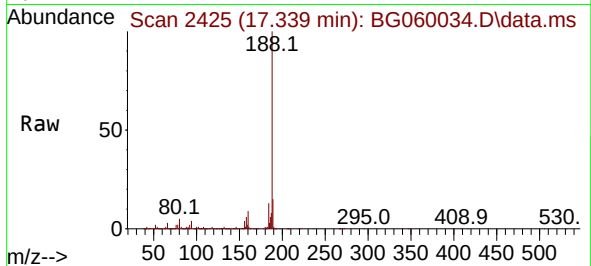




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2426
Delta R.T. -0.005 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

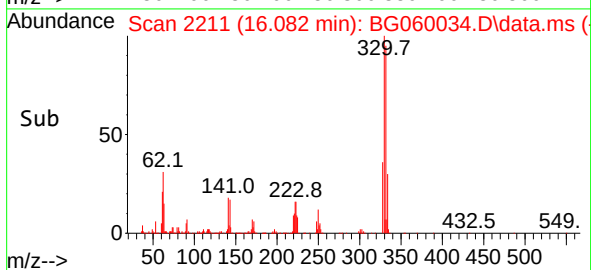
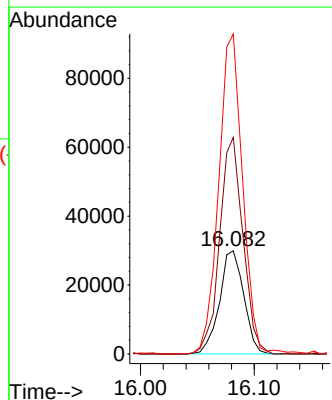
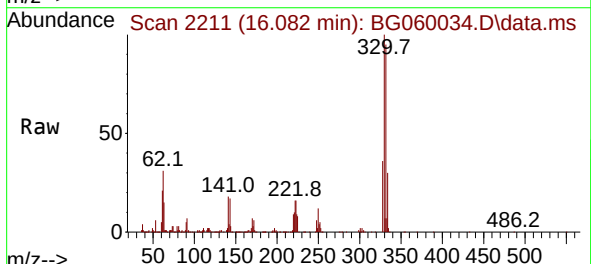
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

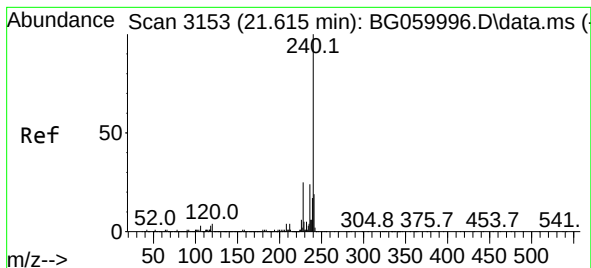
Tgt Ion:188 Resp: 660726
Ion Ratio Lower Upper
188 100
94 3.9 3.0 4.6
80 4.9 4.0 6.0



#67
4-Bromophenyl-phenylether
Concen: 4.770 ng
RT: 16.082 min Scan# 2211
Delta R.T. -0.451 min
Lab File: BG060034.D
Acq: 15 Dec 2023 13:48

Tgt Ion:248 Resp: 44472
Ion Ratio Lower Upper
248 100
250 210.1 79.9 119.9#
141 310.3 28.3 42.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3153

Delta R.T. -0.005 min

Lab File: BG060034.D

Acq: 15 Dec 2023 13:48

Instrument :

BNA_G

ClientSampleId :

MW-1B-EE-NN

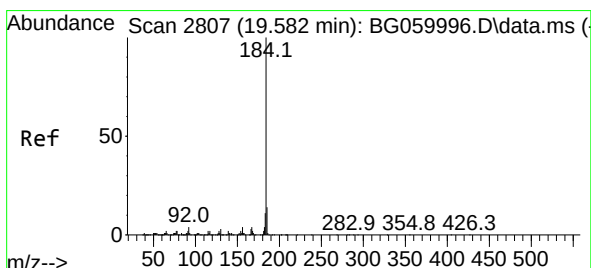
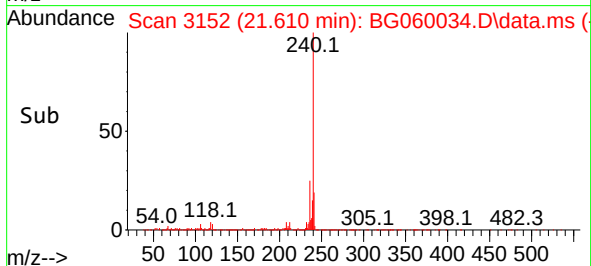
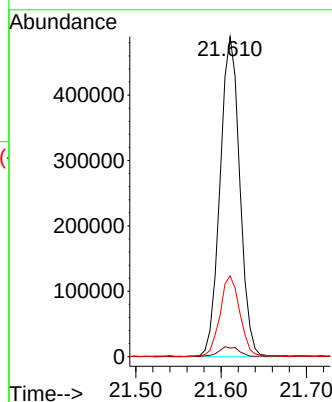
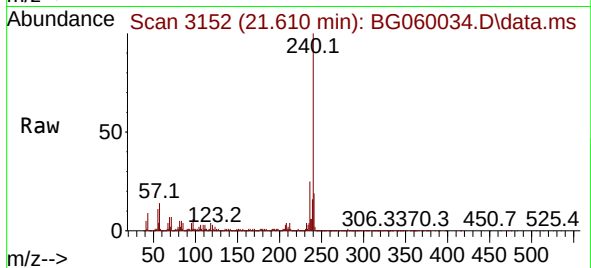
Tgt Ion:240 Resp: 786284

Ion Ratio Lower Upper

240 100

120 2.7 2.9 4.3#

236 25.2 19.4 29.2



#77

Benzidine

Concen: 2.852 ng

RT: 19.959 min Scan# 2871

Delta R.T. 0.377 min

Lab File: BG060034.D

Acq: 15 Dec 2023 13:48

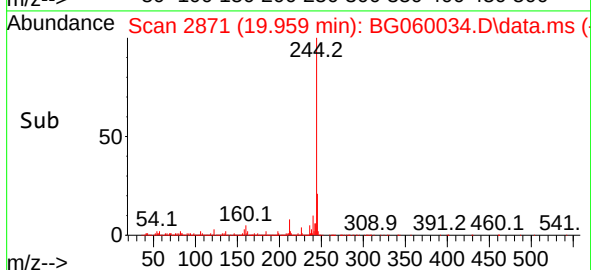
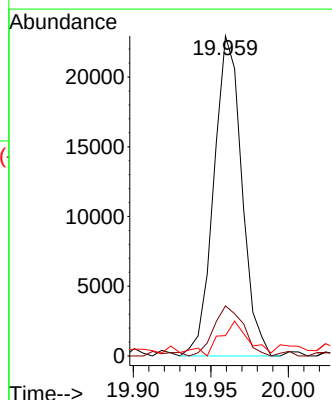
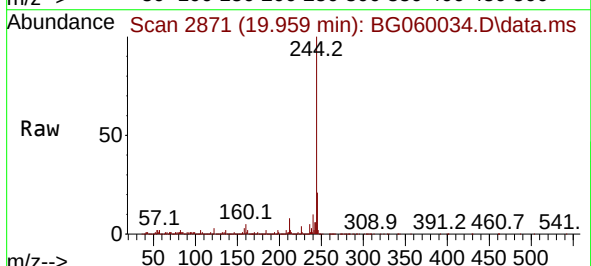
Tgt Ion:184 Resp: 28799

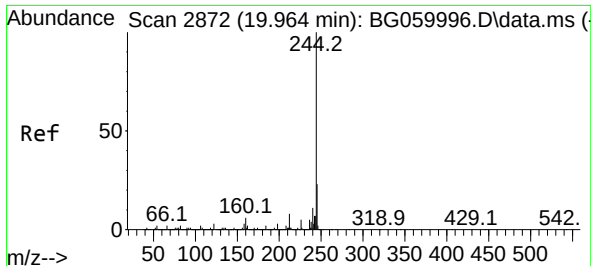
Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

183 6.3 9.0 13.4#

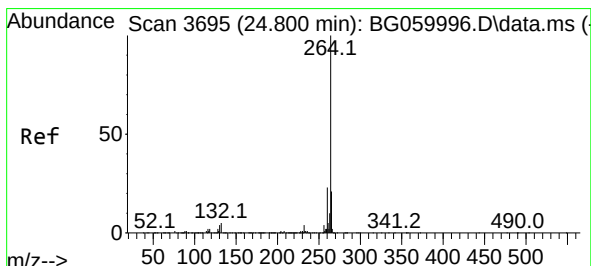
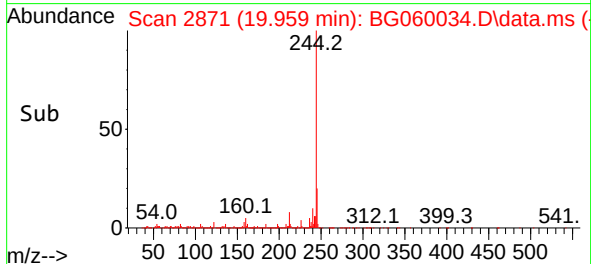
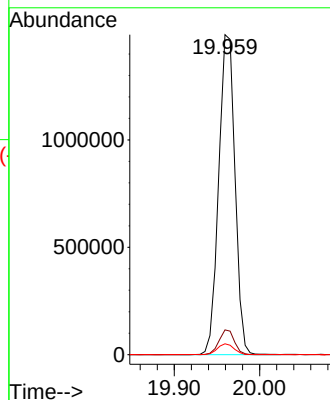
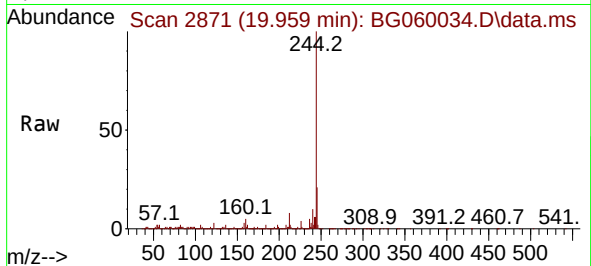




#79
 Terphenyl-d14
 Concen: 45.945 ng
 RT: 19.959 min Scan# 2871
 Delta R.T. -0.005 min
 Lab File: BG060034.D
 Acq: 15 Dec 2023 13:48

Instrument :
 BNA_G
 ClientSampleId :
 MW-1B-EE-NN

Tgt Ion:244 Resp: 1978733
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.8 10.2
 122 3.4 2.6 3.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.807 min Scan# 3696
 Delta R.T. 0.007 min
 Lab File: BG060034.D
 Acq: 15 Dec 2023 13:48

Tgt Ion:264 Resp: 886852
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.5 27.7
 265 20.6 17.3 25.9

