

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
 Data File : BG060110.D
 Acq On : 20 Dec 2023 22:34
 Operator : MA/JU
 Sample : 05791-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 21 02:42:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 04:37:23 2023
 Response via : Initial Calibration

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

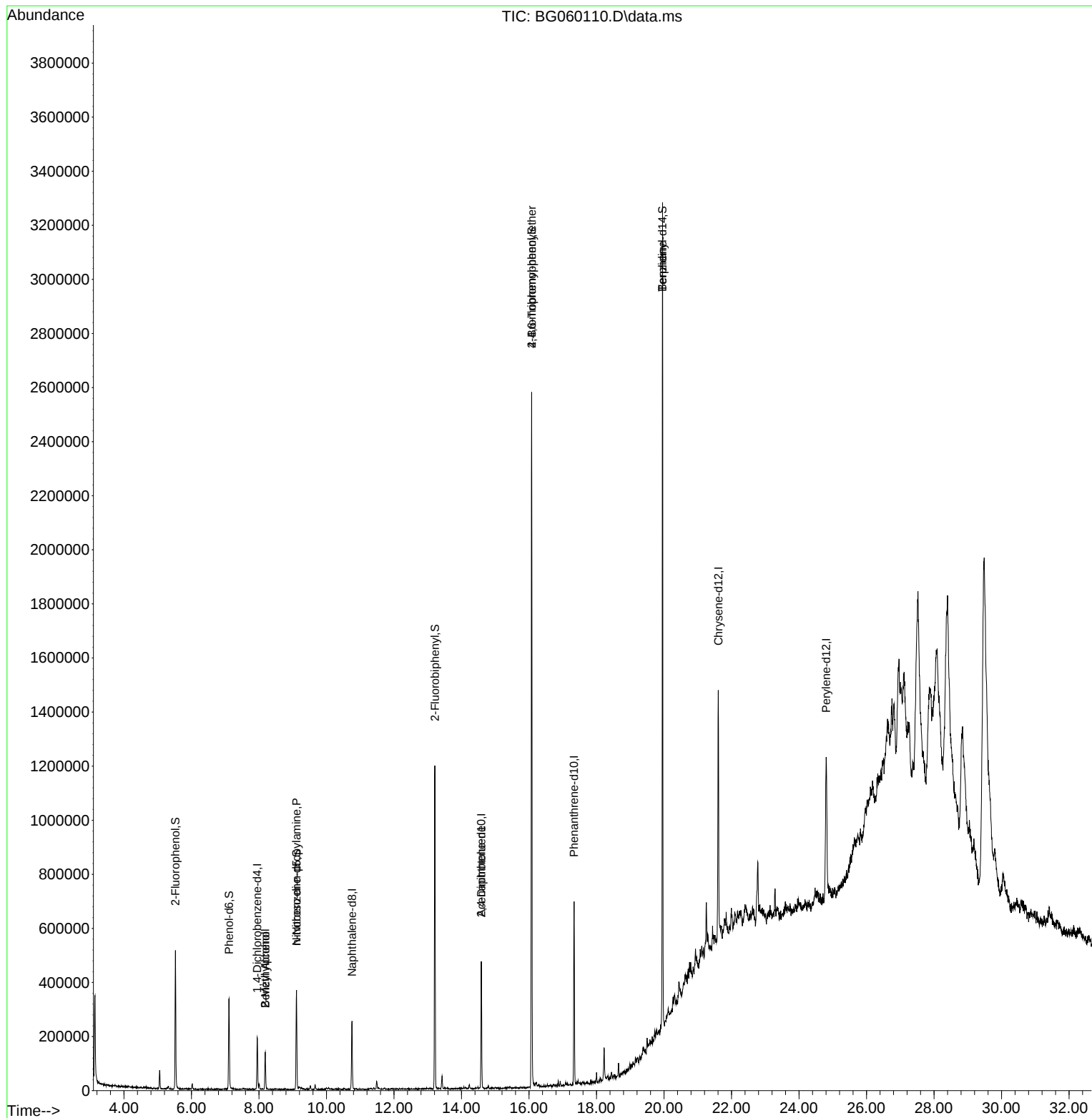
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	50266	20.000	ng	-0.01
21) Naphthalene-d8	10.756	136	171324	20.000	ng	# 0.00
39) Acenaphthene-d10	14.586	164	162845	20.000	ng	-0.01
64) Phenanthrene-d10	17.336	188	478815	20.000	ng	#-0.01
76) Chrysene-d12	21.608	240	609186	20.000	ng	#-0.01
86) Perylene-d12	24.804	264	685240	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	158966	54.137	ng	0.00
7) Phenol-d6	7.113	99	145316	35.182	ng	0.00
23) Nitrobenzene-d5	9.111	82	198832	52.699	ng	-0.01
42) 2,4,6-Tribromophenol	16.079	330	613368	161.623	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	647646	48.675	ng	0.00
79) Terphenyl-d14	19.957	244	1637498	49.075	ng	-0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	8.188	79	52046	15.678	ng	# 86
17) 2-Methylphenol	8.188	107	18192	6.576	ng	# 1
19) n-Nitroso-di-n-propyla...	9.111	70	31554	11.841	ng	# 84
57) 2,4-Dinitrotoluene	14.586	165	20989	5.702	ng	# 29
67) 4-Bromophenyl-phenylether	16.079	248	38733	5.733	ng	# 1
69) Atrazine	16.608	200	118	Below Cal		88
77) Benzidine	19.957	184	26189	3.347	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122023\
Data File : BG060110.D
Acq On : 20 Dec 2023 22:34
Operator : MA/JU
Sample : 05791-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 21 02:42:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:37:23 2023
Response via : Initial Calibration

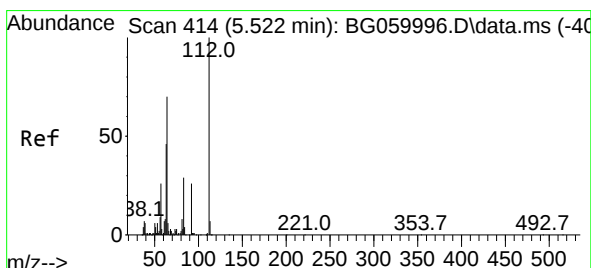
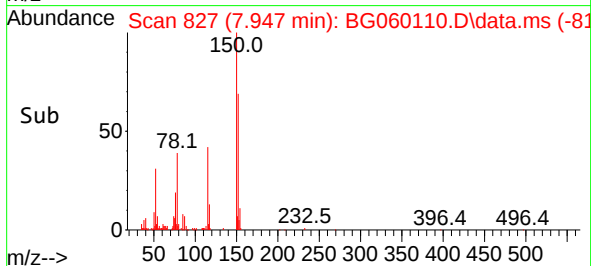
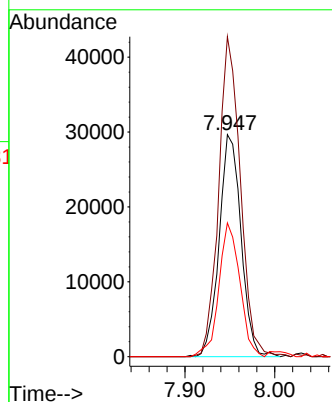
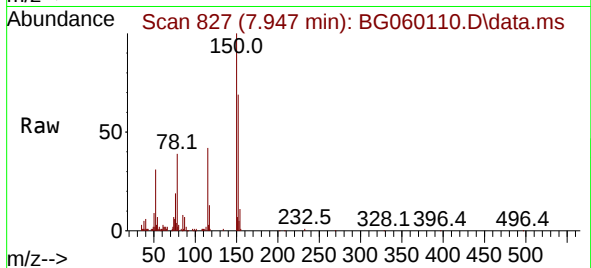




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.947 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

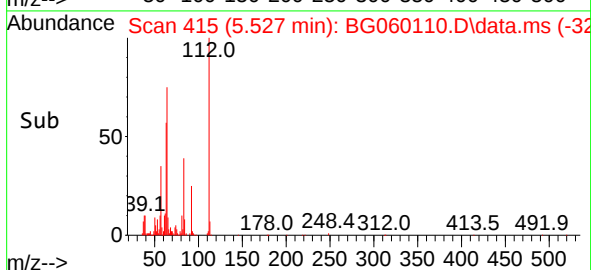
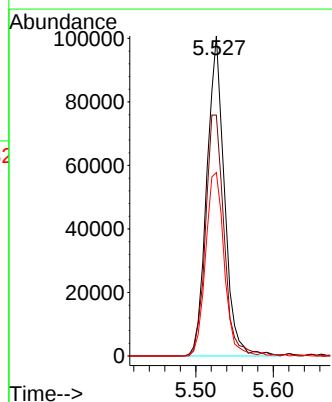
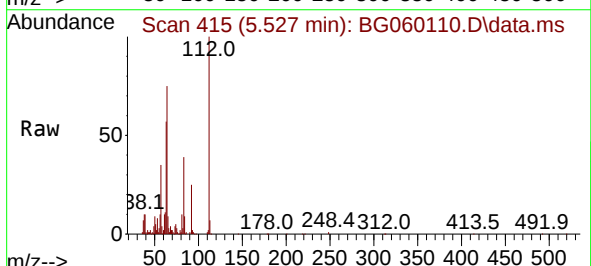
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

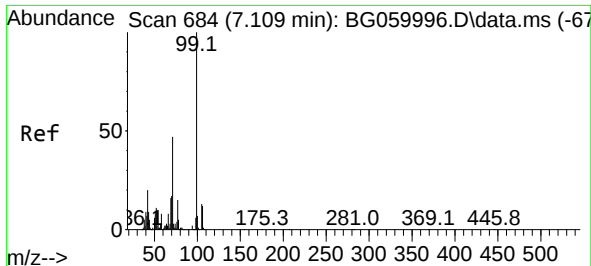
Tgt Ion:152 Resp: 50266
Ion Ratio Lower Upper
152 100
150 144.1 127.0 190.6
115 60.2 45.7 68.5



#5
2-Fluorophenol
Concen: 54.137 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.000 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

Tgt Ion:112 Resp: 158966
Ion Ratio Lower Upper
112 100
64 75.3 55.9 83.9
63 57.3 36.5 54.7#





#7

Phenol-d6

Concen: 35.182 ng

RT: 7.113 min Scan# 61

Delta R.T. 0.000 min

Lab File: BG060110.D

Acq: 20 Dec 2023 22:34

Instrument :

BNA_G

ClientSampleId :

MW-1B-EE-NN

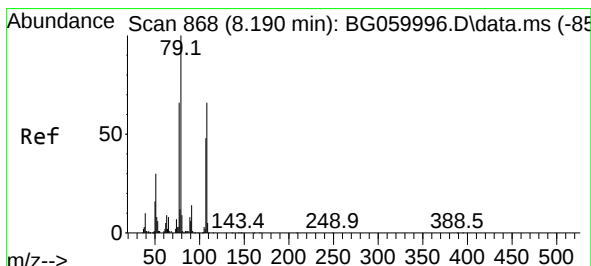
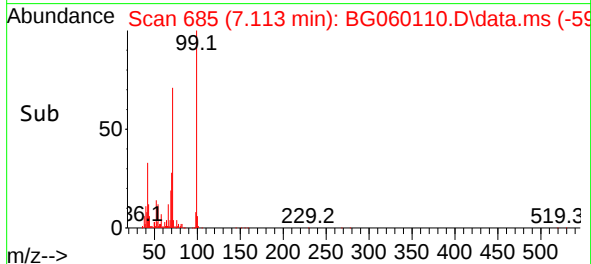
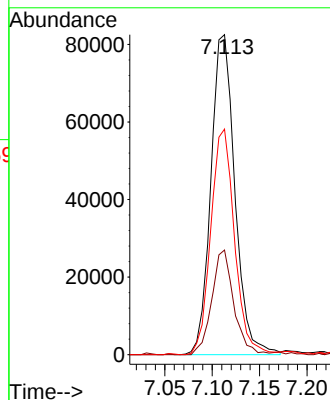
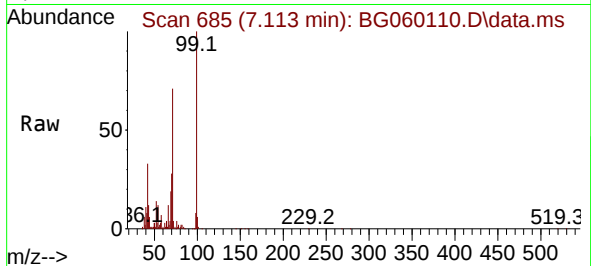
Tgt Ion: 99 Resp: 145316

Ion Ratio Lower Upper

99 100

42 32.7 16.2 24.4#

71 70.5 37.6 56.4#



#15

Benzyl Alcohol

Concen: 15.678 ng

RT: 8.188 min Scan# 868

Delta R.T. -0.006 min

Lab File: BG060110.D

Acq: 20 Dec 2023 22:34

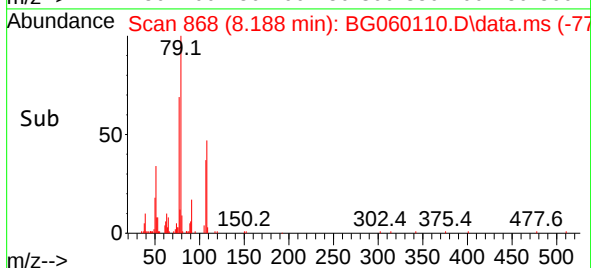
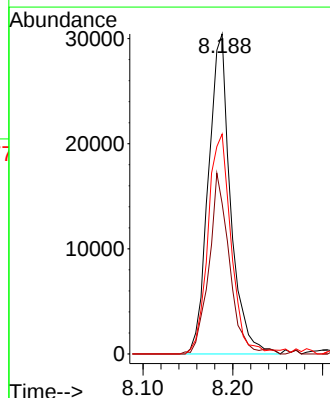
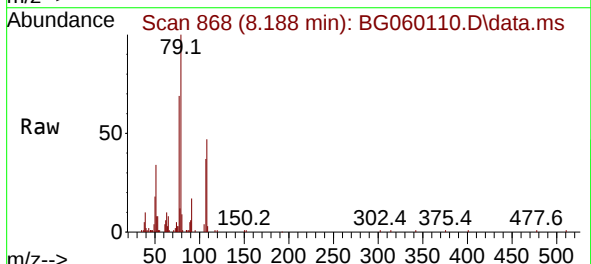
Tgt Ion: 79 Resp: 52046

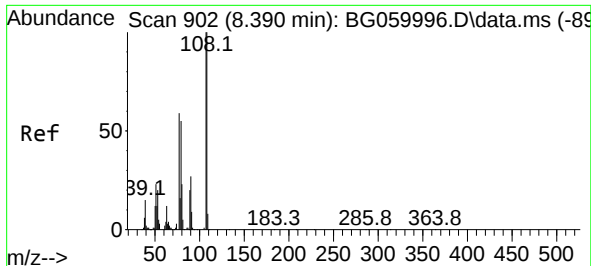
Ion Ratio Lower Upper

79 100

108 47.1 53.1 79.7#

77 68.7 52.8 79.2

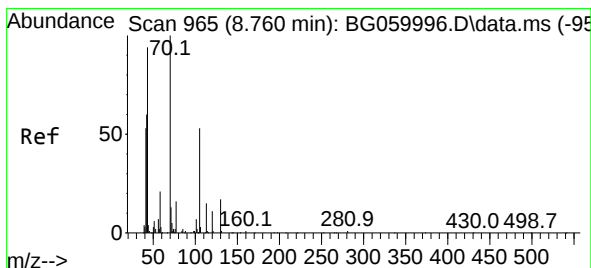
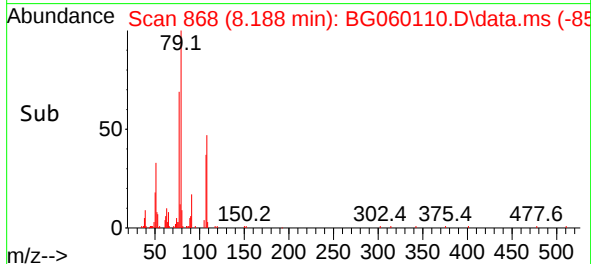
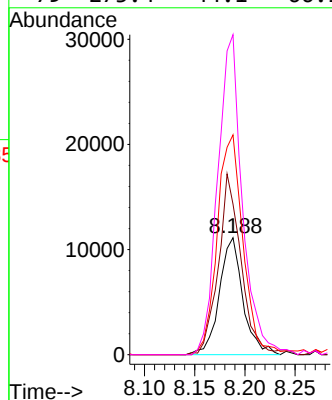
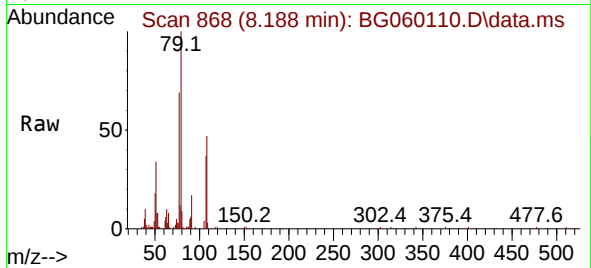




#17
2-Methylphenol
Concen: 6.576 ng
RT: 8.188 min Scan# 80
Delta R.T. -0.205 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

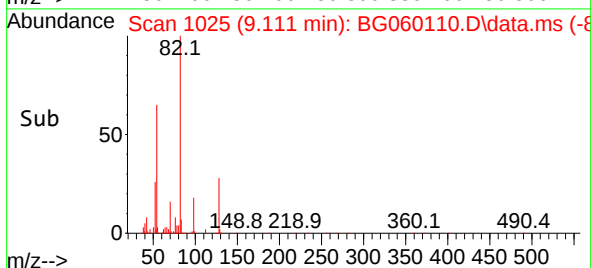
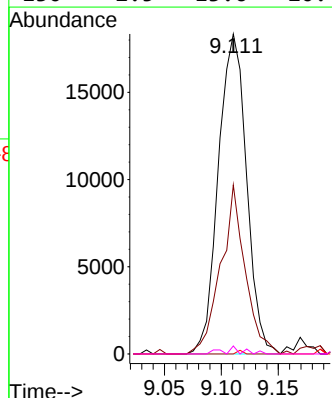
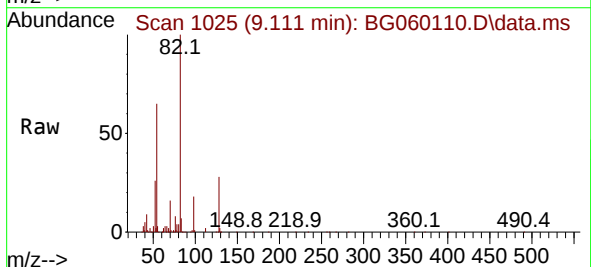
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

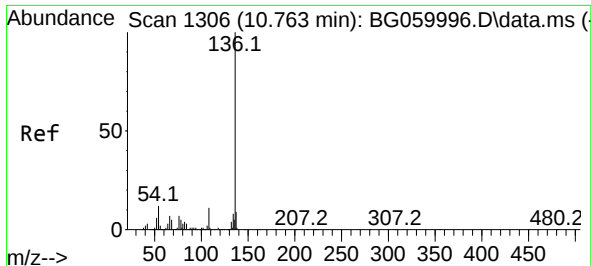
Tgt Ion:107 Resp: 18192
Ion Ratio Lower Upper
107 100
108 128.7 80.7 121.1#
77 187.8 47.8 71.6#
79 273.4 44.1 66.1#



#19
n-Nitroso-di-n-propylamine
Concen: 11.841 ng
RT: 9.111 min Scan# 1025
Delta R.T. 0.347 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

Tgt Ion: 70 Resp: 31554
Ion Ratio Lower Upper
70 100
42 52.8 48.6 73.0
101 0.0 5.7 8.5#
130 2.5 13.6 20.4#

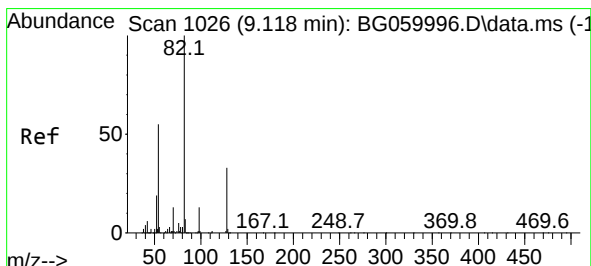
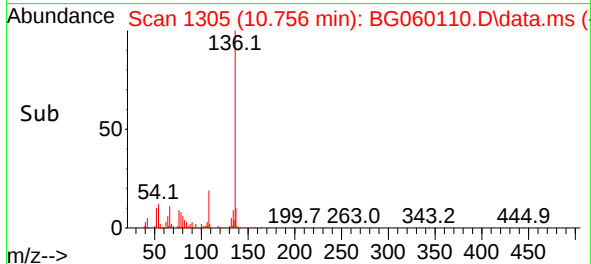
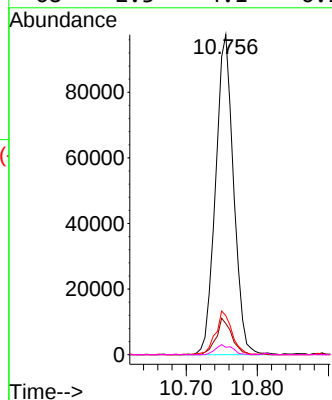
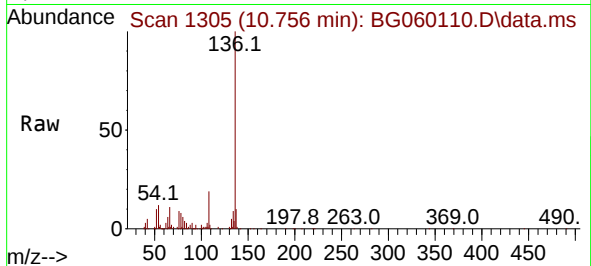




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

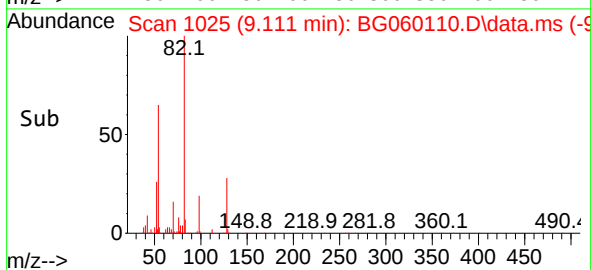
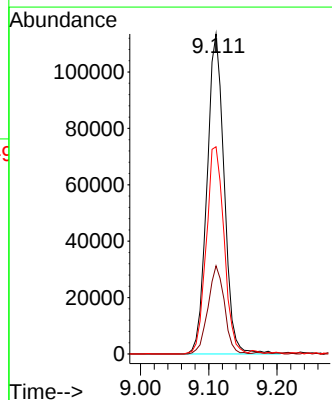
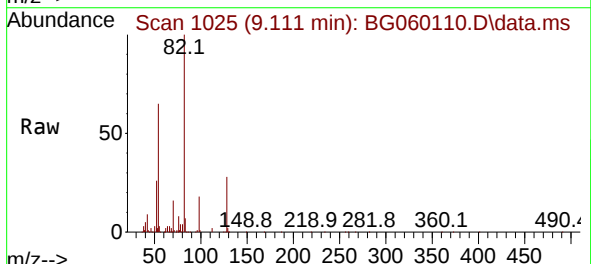
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

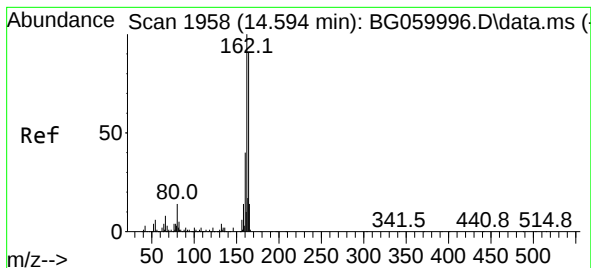
Tgt Ion:136 Resp: 171324
Ion Ratio Lower Upper
136 100
137 9.7 7.3 10.9
54 12.2 9.6 14.4
68 2.3 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 52.699 ng
RT: 9.111 min Scan# 1025
Delta R.T. -0.011 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

Tgt Ion: 82 Resp: 198832
Ion Ratio Lower Upper
82 100
128 27.6 26.3 39.5
54 64.7 44.3 66.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.586 min Scan# 1957

Delta R.T. -0.011 min

Lab File: BG060110.D

Acq: 20 Dec 2023 22:34

Instrument :

BNA_G

ClientSampleId :

MW-1B-EE-NN

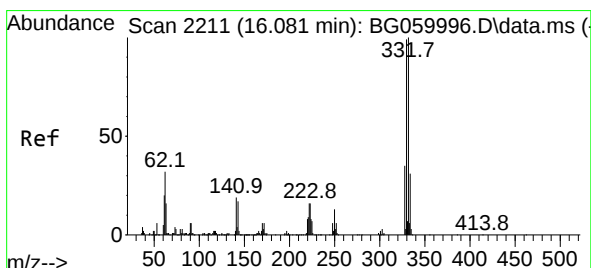
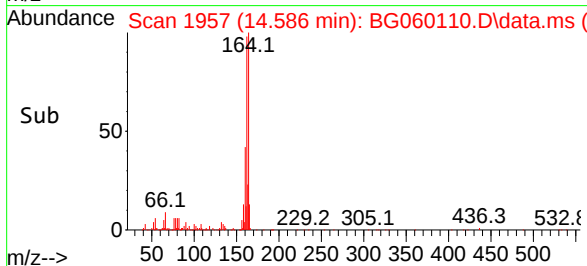
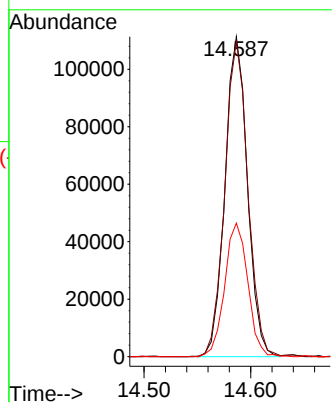
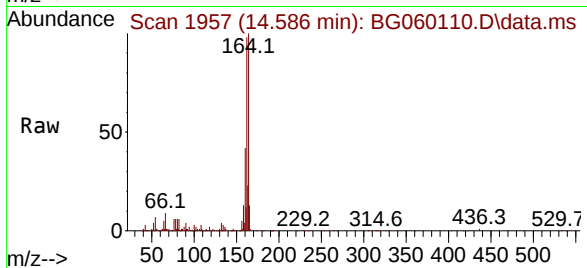
Tgt Ion:164 Resp: 162845

Ion Ratio Lower Upper

164 100

162 98.5 88.1 132.1

160 41.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 161.623 ng

RT: 16.079 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BG060110.D

Acq: 20 Dec 2023 22:34

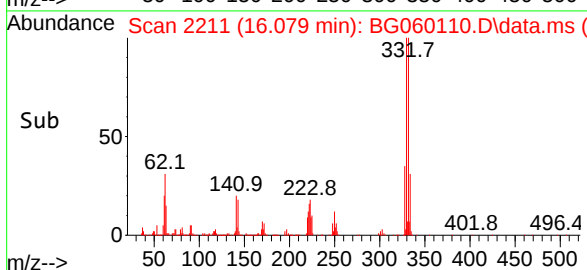
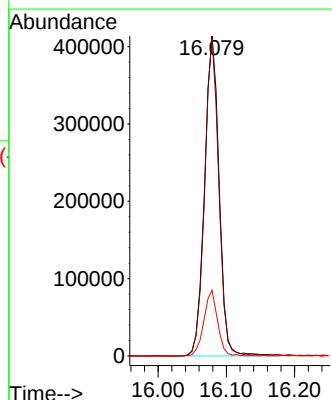
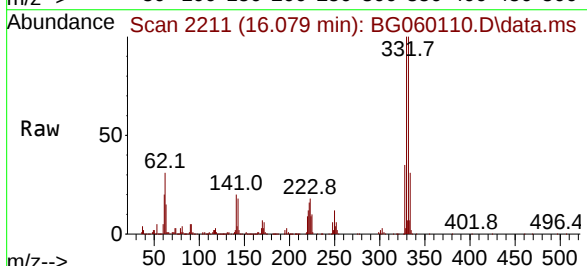
Tgt Ion:330 Resp: 613368

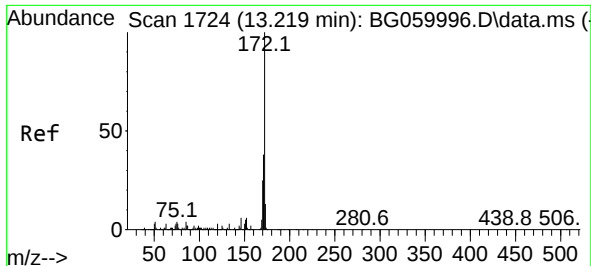
Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

141 19.5 14.3 21.5

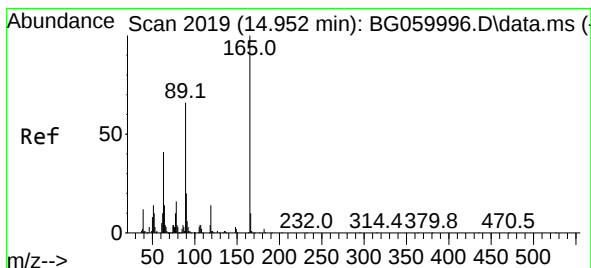
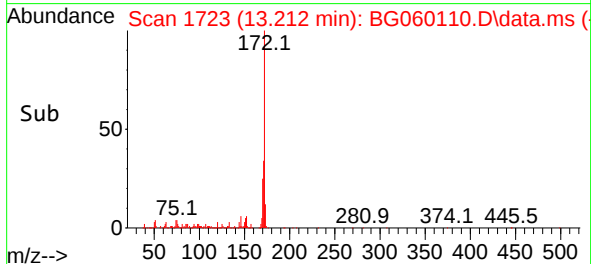
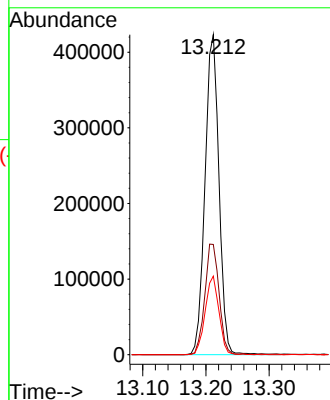
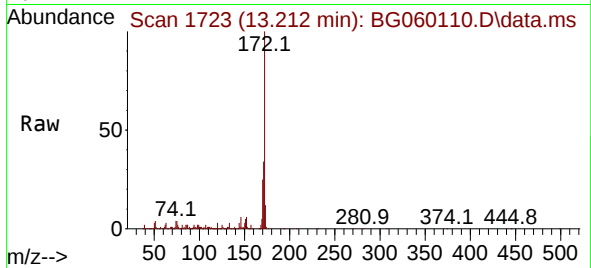




#45
2-Fluorobiphenyl
Concen: 48.675 ng
RT: 13.212 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

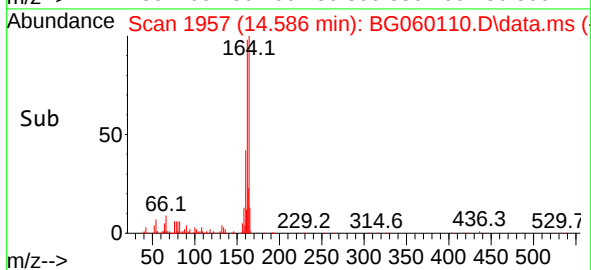
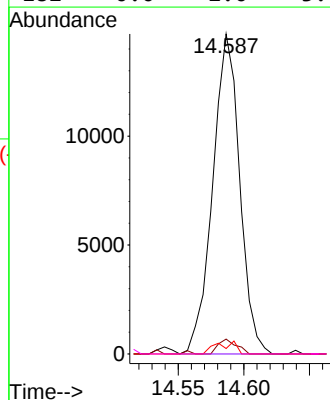
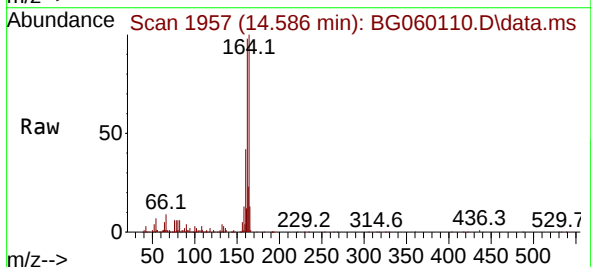
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

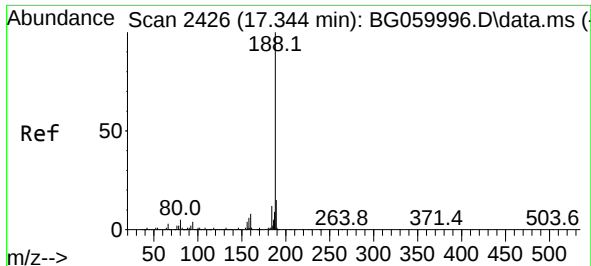
Tgt Ion:172 Resp: 647646
Ion Ratio Lower Upper
172 100
171 34.4 30.1 45.1
170 24.6 20.0 30.0



#57
2,4-Dinitrotoluene
Concen: 5.702 ng
RT: 14.586 min Scan# 1957
Delta R.T. -0.364 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

Tgt Ion:165 Resp: 20989
Ion Ratio Lower Upper
165 100
63 4.7 32.8 49.2#
89 1.7 53.0 79.6#
182 0.0 2.0 3.0#

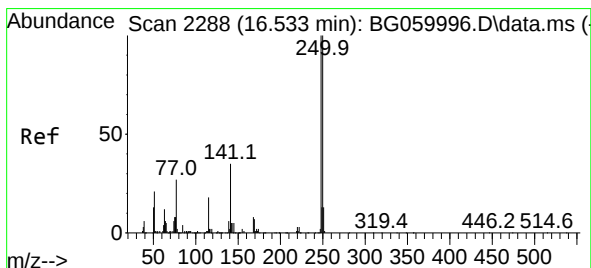
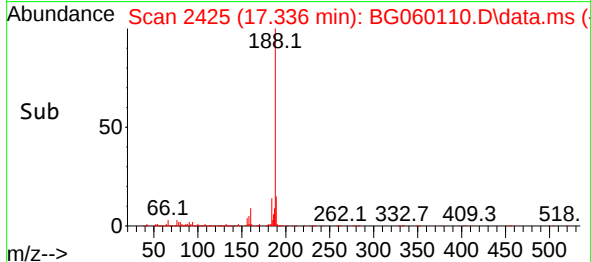
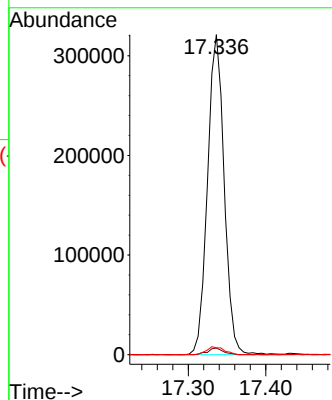
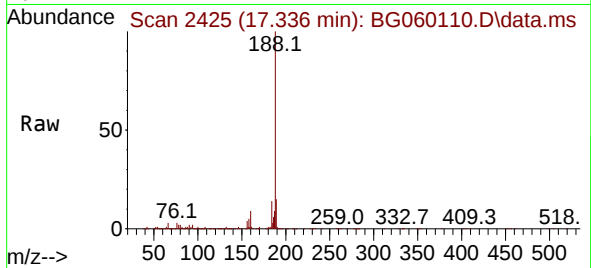




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2426
Delta R.T. -0.011 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

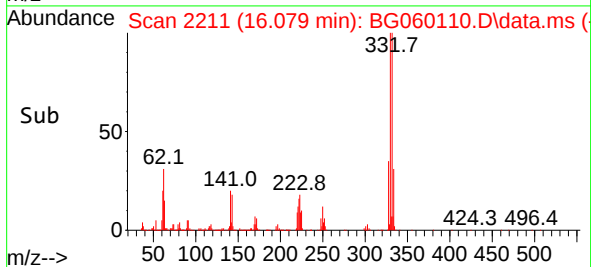
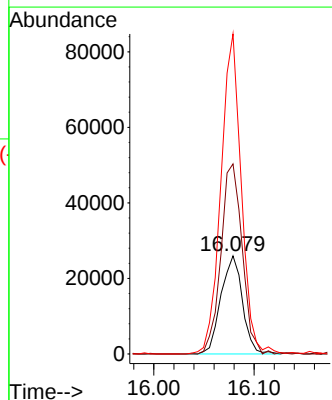
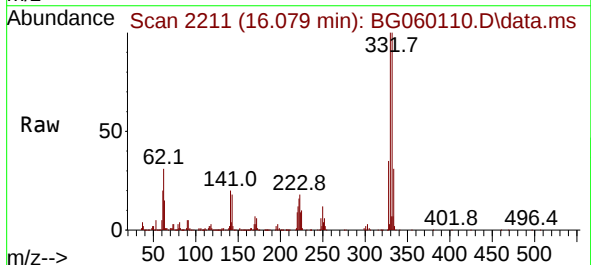
Instrument :
BNA_G
ClientSampleId :
MW-1B-EE-NN

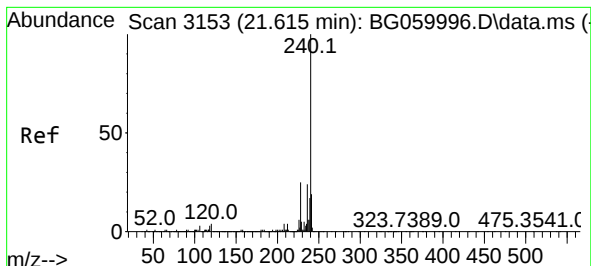
Tgt Ion:188 Resp: 478815
Ion Ratio Lower Upper
188 100
94 2.1 3.0 4.6#
80 2.2 4.0 6.0#



#67
4-Bromophenyl-phenylether
Concen: 5.733 ng
RT: 16.079 min Scan# 2211
Delta R.T. -0.458 min
Lab File: BG060110.D
Acq: 20 Dec 2023 22:34

Tgt Ion:248 Resp: 38733
Ion Ratio Lower Upper
248 100
250 193.7 79.9 119.9#
141 326.2 28.3 42.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.608 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG060110.D

Acq: 20 Dec 2023 22:34

Instrument :

BNA_G

ClientSampleId :

MW-1B-EE-NN

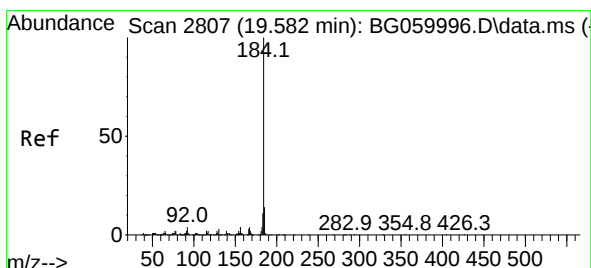
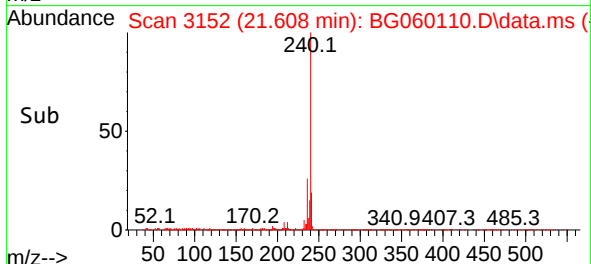
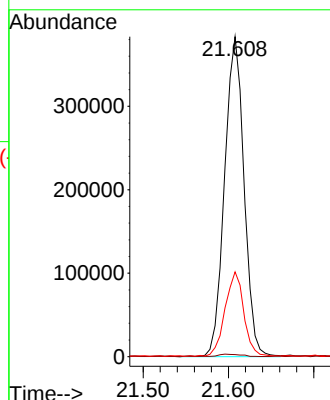
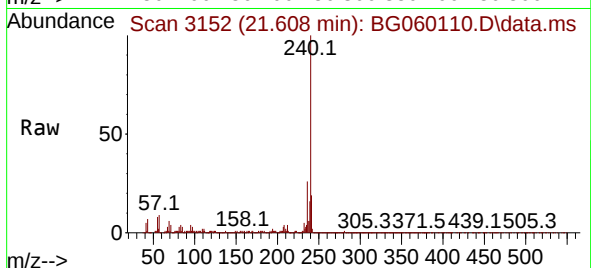
Tgt Ion:240 Resp: 609186

Ion Ratio Lower Upper

240 100

120 0.7 2.9 4.3#

236 26.5 19.4 29.2



#77

Benzidine

Concen: 3.347 ng

RT: 19.957 min Scan# 2871

Delta R.T. 0.370 min

Lab File: BG060110.D

Acq: 20 Dec 2023 22:34

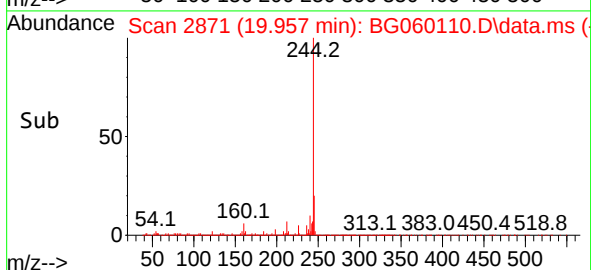
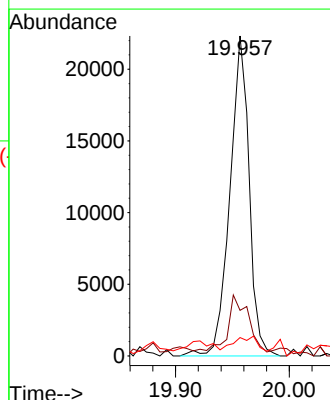
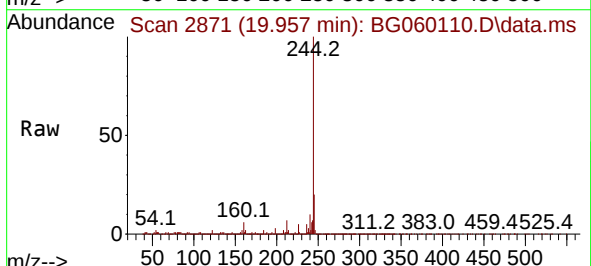
Tgt Ion:184 Resp: 26189

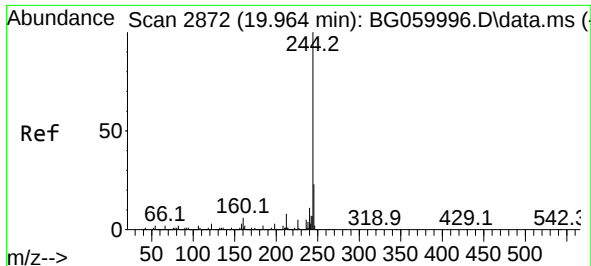
Ion Ratio Lower Upper

184 100

185 14.3 11.1 16.7

183 5.8 9.0 13.4#

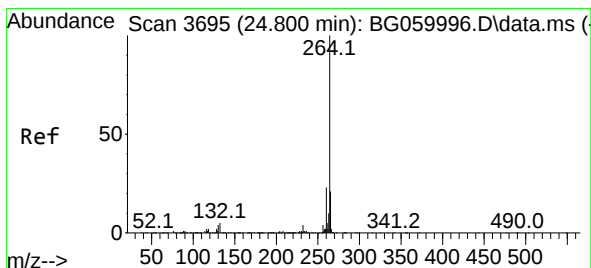
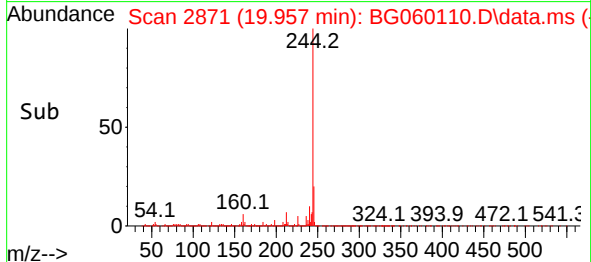
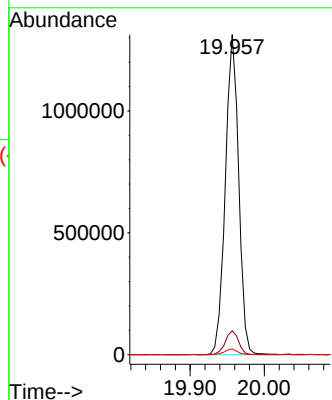
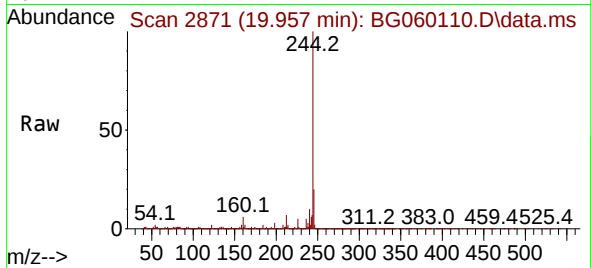




#79
 Terphenyl-d14
 Concen: 49.075 ng
 RT: 19.957 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG060110.D
 Acq: 20 Dec 2023 22:34

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

Tgt Ion:244 Resp: 1637498
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.8 10.2
 122 1.8 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 3696
 Delta R.T. -0.011 min
 Lab File: BG060110.D
 Acq: 20 Dec 2023 22:34

Tgt Ion:264 Resp: 685240
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.5 27.7
 265 21.0 17.3 25.9

