

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060023.D
 Acq On : 14 Dec 2023 22:25
 Operator : MA/JU
 Sample : 05631-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Quant Time: Dec 15 02:39:52 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)

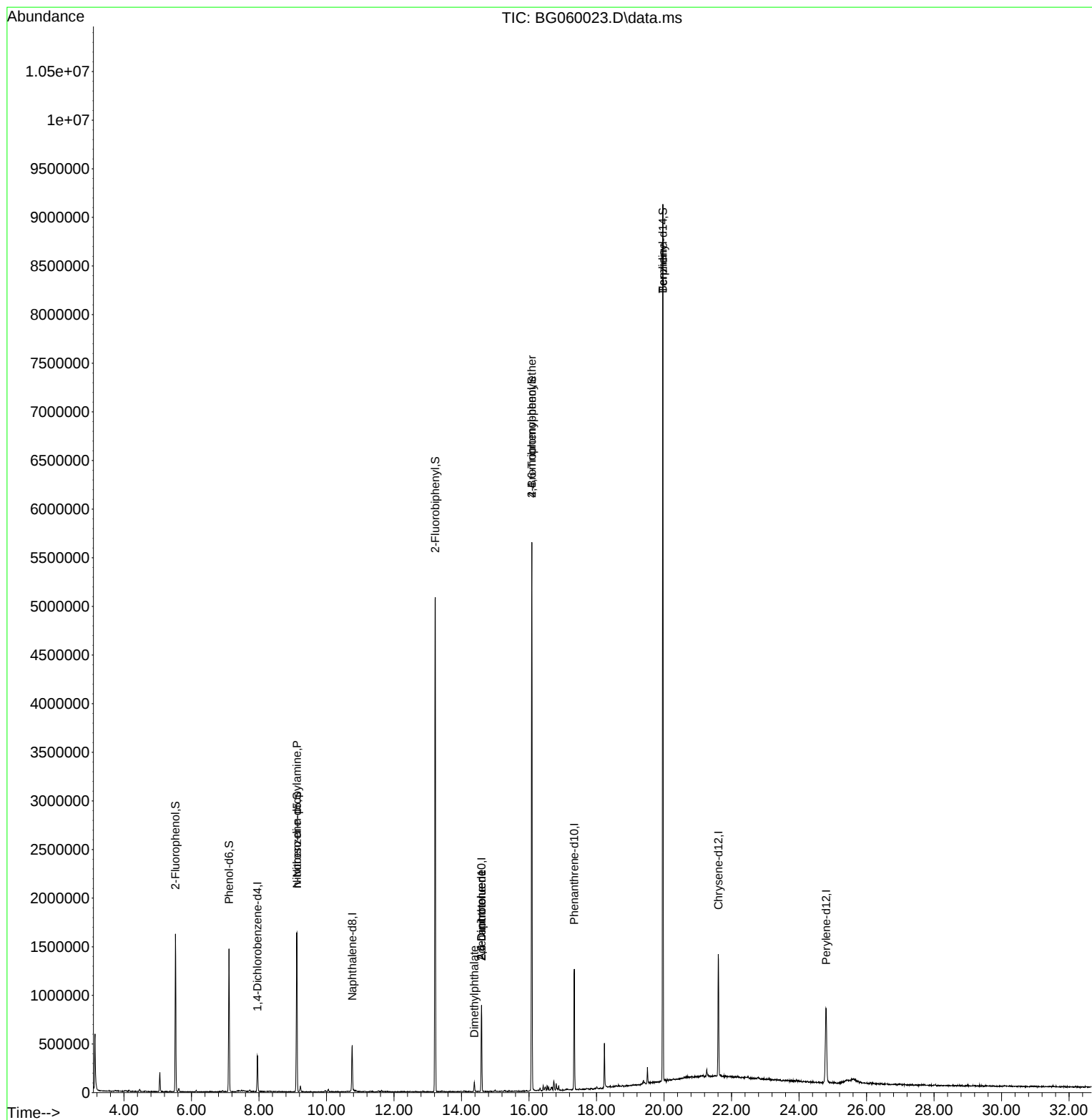
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	101935	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	368485	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	321976	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	878544	20.000	ng	0.00
76) Chrysene-d12	21.607	240	841181	20.000	ng	# 0.00
86) Perylene-d12	24.803	264	984799	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	599354	100.653	ng	0.00
7) Phenol-d6	7.112	99	739750	88.316	ng	0.00
23) Nitrobenzene-d5	9.121	82	986202	121.529	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	1300869	173.368	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2806509	106.681	ng	0.00
79) Terphenyl-d14	19.967	244	4651657	100.960	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.121	70	137880	25.514	ng	# 72
50) Dimethylphthalate	14.380	163	51727	2.070	ng	# 96
51) 2,6-Dinitrotoluene	14.591	165	42637	8.236	ng	# 25
57) 2,4-Dinitrotoluene	14.591	165	42637	5.859	ng	# 28
67) 4-Bromophenyl-phenylether	16.084	248	81438	6.570	ng	# 1
69) Atrazine	16.800	200	162	Below Cal		82
77) Benzidine	19.967	184	84917	7.859	ng	# 93

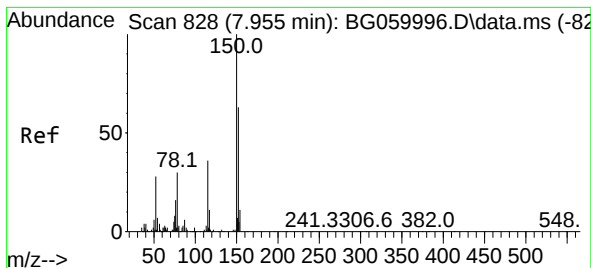
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
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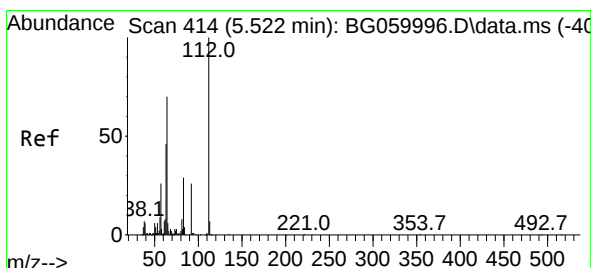
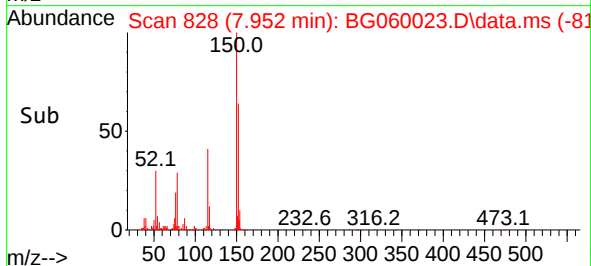
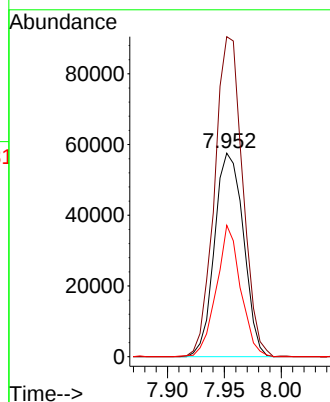
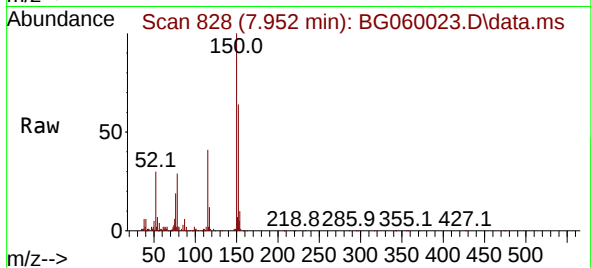




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.952 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: BG060023.D
 Acq: 14 Dec 2023 22:25

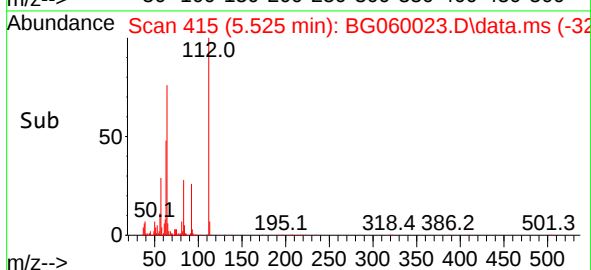
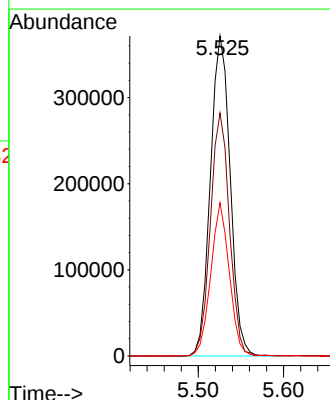
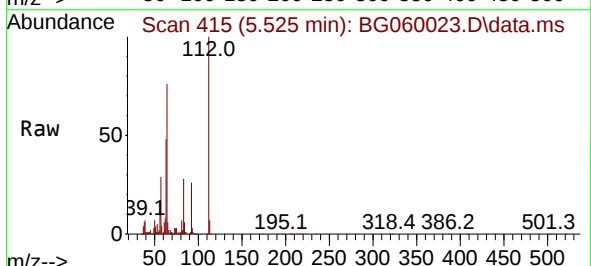
Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

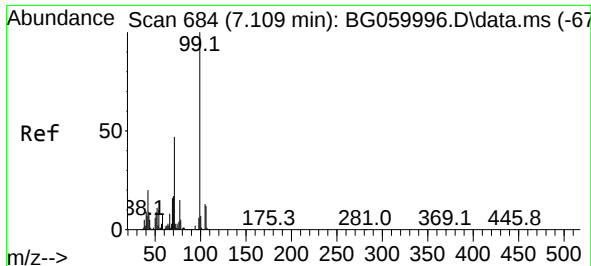
Tgt Ion:152 Resp: 101935
 Ion Ratio Lower Upper
 152 100
 150 157.2 127.0 190.6
 115 64.6 45.7 68.5



#5
 2-Fluorophenol
 Concen: 100.653 ng
 RT: 5.525 min Scan# 415
 Delta R.T. 0.003 min
 Lab File: BG060023.D
 Acq: 14 Dec 2023 22:25

Tgt Ion:112 Resp: 599354
 Ion Ratio Lower Upper
 112 100
 64 75.9 55.9 83.9
 63 47.8 36.5 54.7

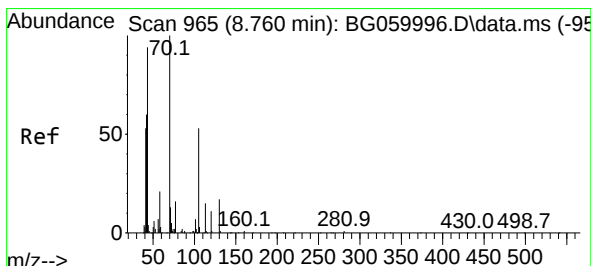
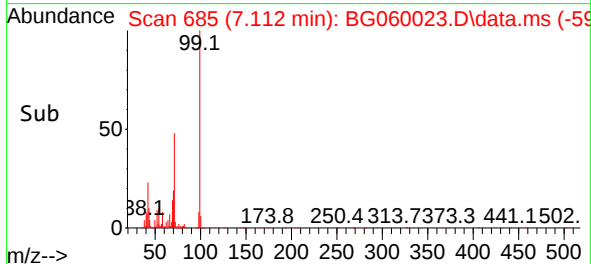
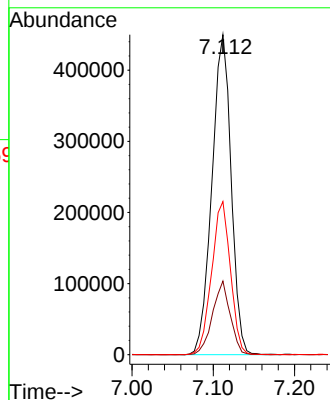
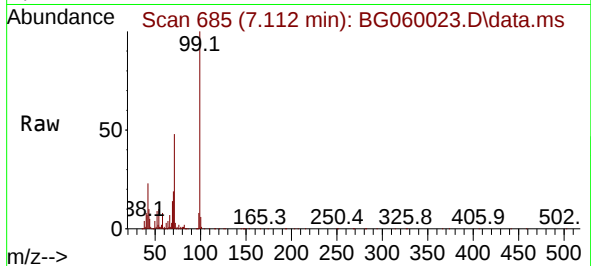




#7
Phenol-d6
Concen: 88.316 ng
RT: 7.112 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

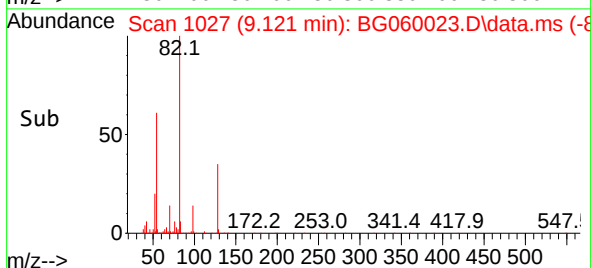
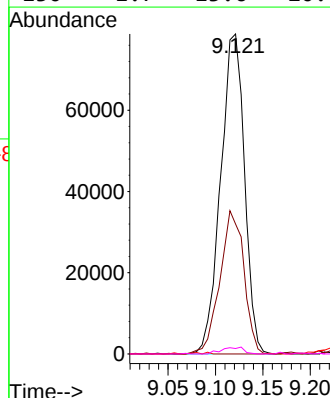
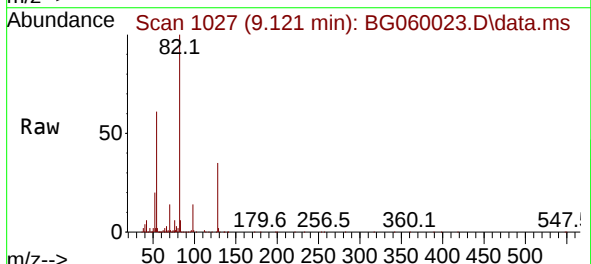
Instrument :
BNA_G
ClientSampleId :
MW-2A

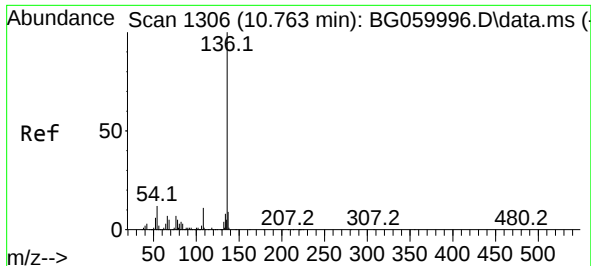
Tgt Ion: 99 Resp: 739750
Ion Ratio Lower Upper
99 100
42 23.0 16.2 24.4
71 47.8 37.6 56.4



#19
n-Nitroso-di-n-propylamine
Concen: 25.514 ng
RT: 9.121 min Scan# 1027
Delta R.T. 0.361 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion: 70 Resp: 137880
Ion Ratio Lower Upper
70 100
42 40.6 48.6 73.0#
101 0.2 5.7 8.5#
130 1.7 13.6 20.4#

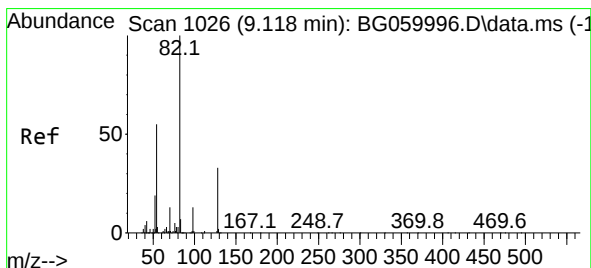
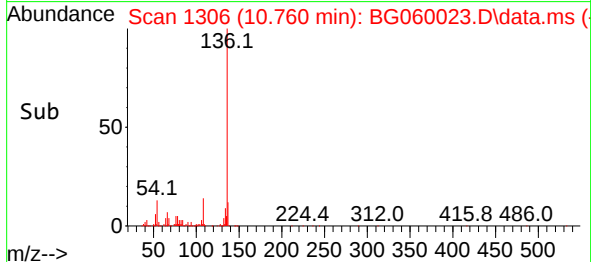
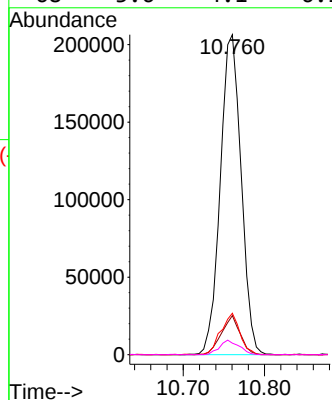
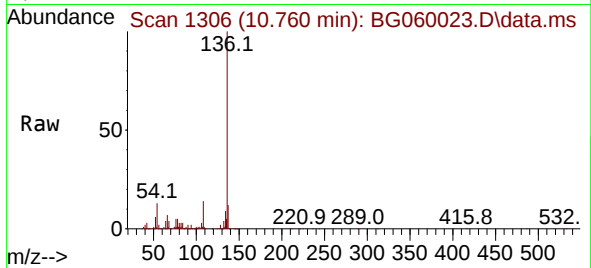




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

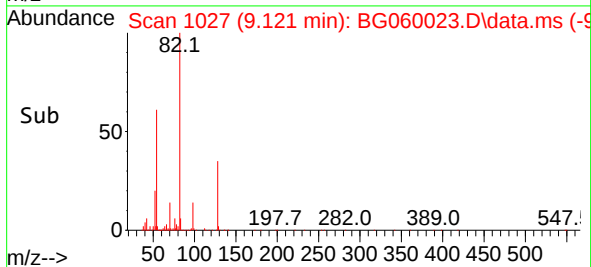
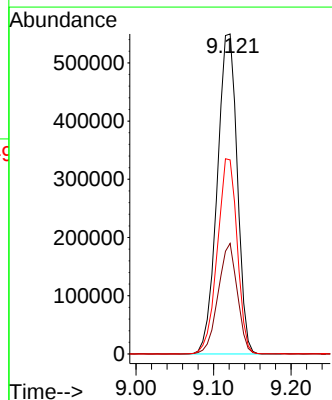
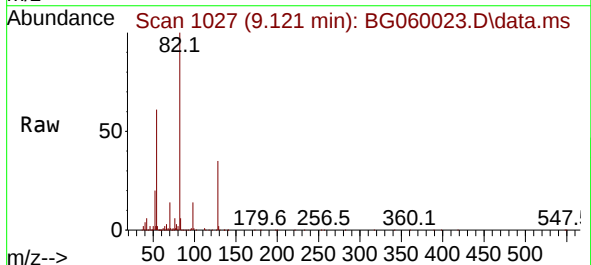
Instrument :
BNA_G
ClientSampleId :
MW-2A

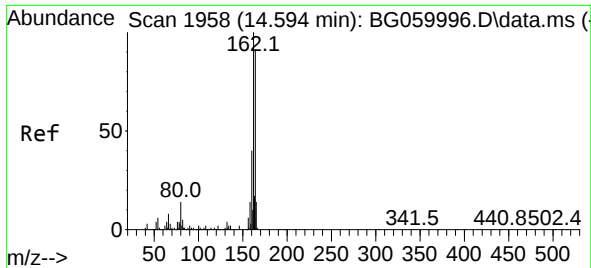
Tgt Ion:136 Resp: 368485
Ion Ratio Lower Upper
136 100
137 12.2 7.3 10.9#
54 13.0 9.6 14.4
68 3.6 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 121.529 ng
RT: 9.121 min Scan# 1027
Delta R.T. 0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion: 82 Resp: 986202
Ion Ratio Lower Upper
82 100
128 34.6 26.3 39.5
54 60.7 44.3 66.5

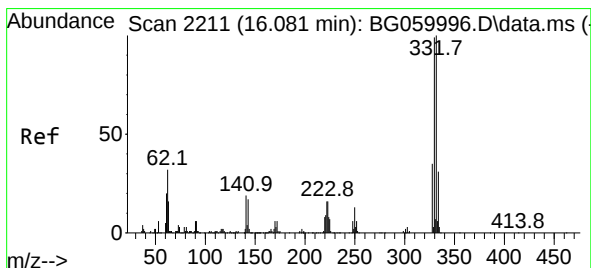
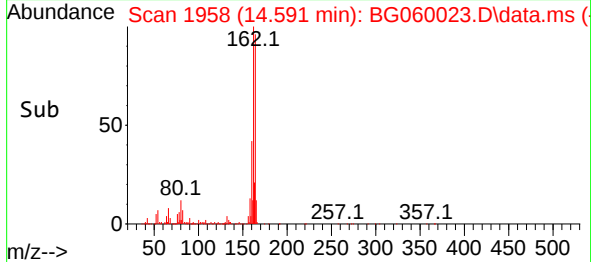
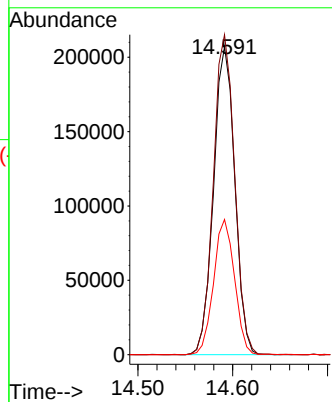
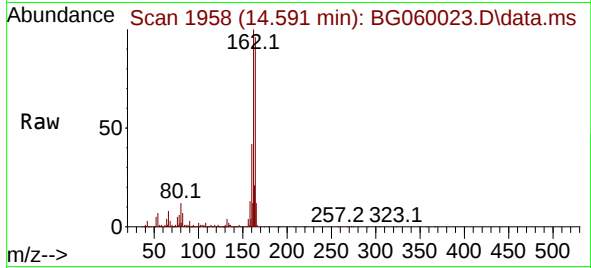




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

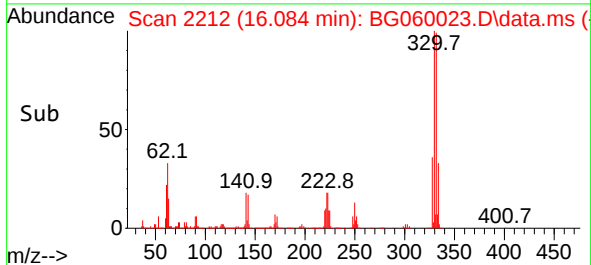
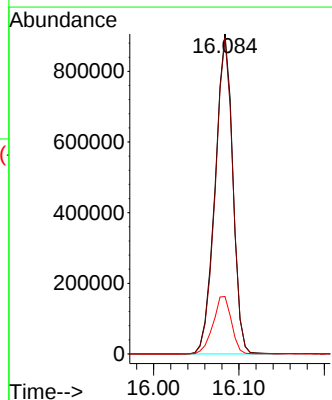
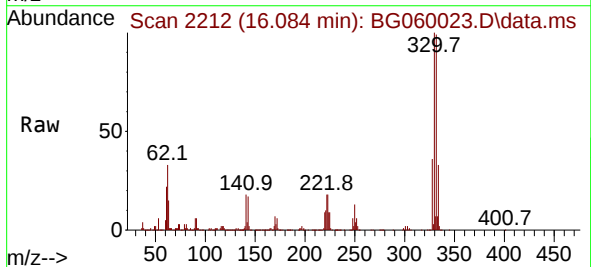
Instrument :
BNA_G
ClientSampleId :
MW-2A

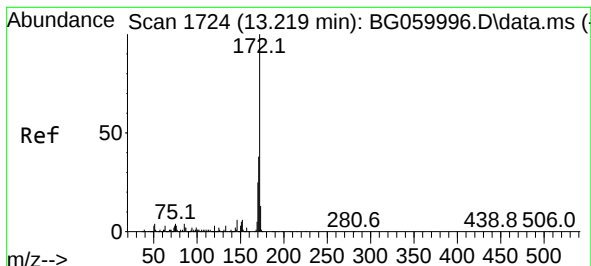
Tgt Ion:164 Resp: 321976
Ion Ratio Lower Upper
164 100
162 103.9 88.1 132.1
160 43.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 173.368 ng
RT: 16.084 min Scan# 2212
Delta R.T. 0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion:330 Resp: 1300869
Ion Ratio Lower Upper
330 100
332 98.1 76.2 114.4
141 18.7 14.3 21.5





#45

2-Fluorobiphenyl

Concen: 106.681 ng

RT: 13.222 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

Instrument :

BNA_G

ClientSampleId :

MW-2A

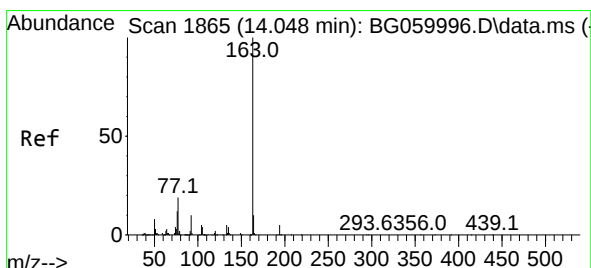
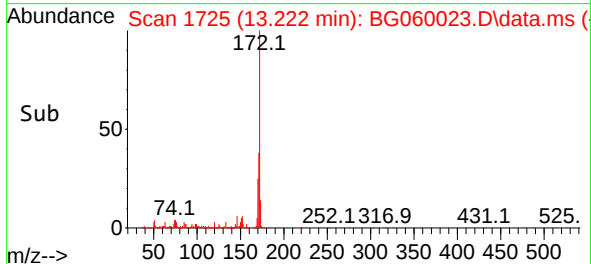
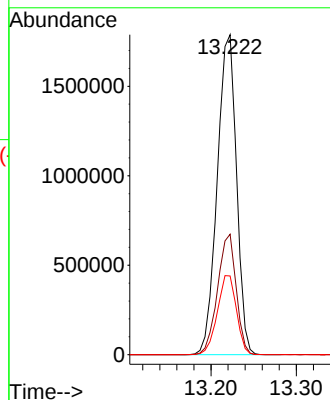
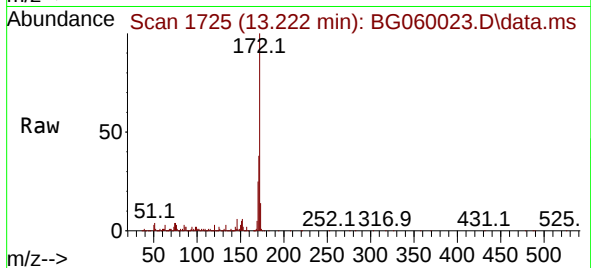
Tgt Ion:172 Resp: 2806509

Ion Ratio Lower Upper

172 100

171 37.7 30.1 45.1

170 24.6 20.0 30.0



#50

Dimethylphthalate

Concen: 2.070 ng

RT: 14.380 min Scan# 1922

Delta R.T. 0.332 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

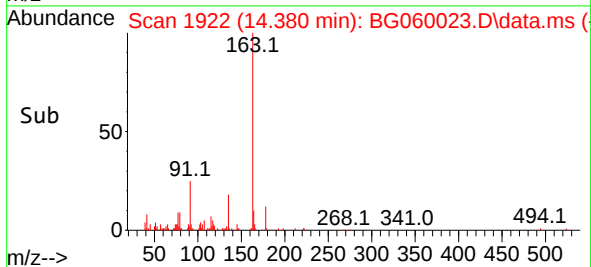
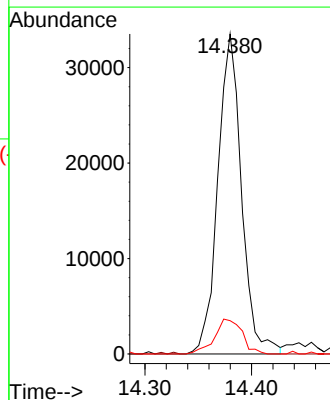
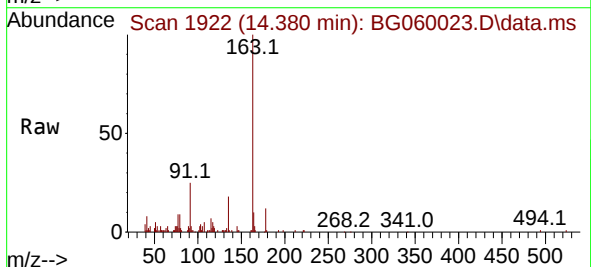
Tgt Ion:163 Resp: 51727

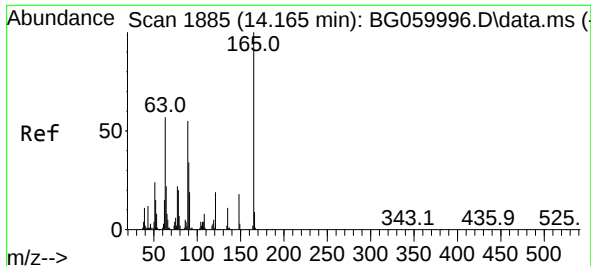
Ion Ratio Lower Upper

163 100

194 0.0 3.7 5.5#

164 10.4 8.2 12.4

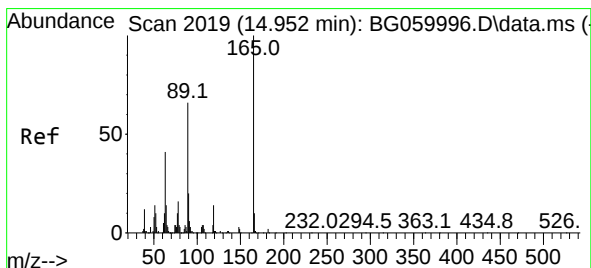
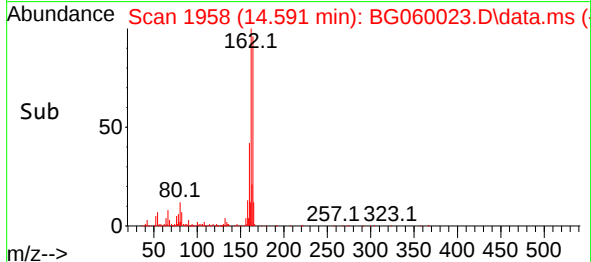
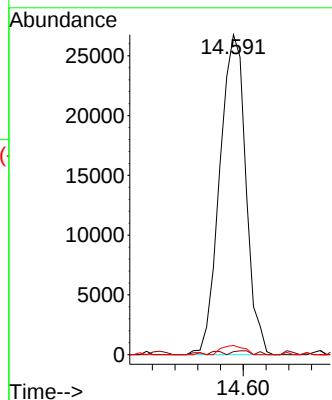
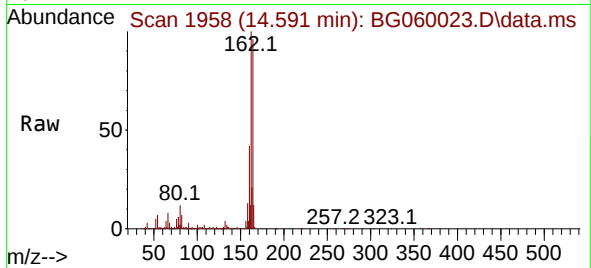




#51
2,6-Dinitrotoluene
Concen: 8.236 ng
RT: 14.591 min Scan# 1958
Delta R.T. 0.426 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

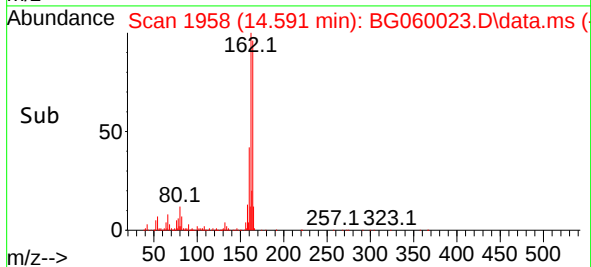
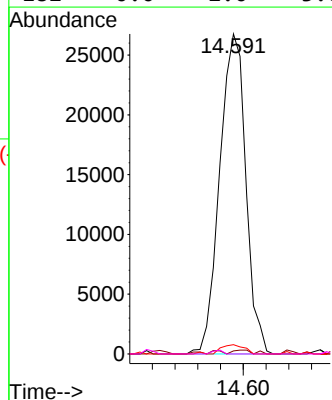
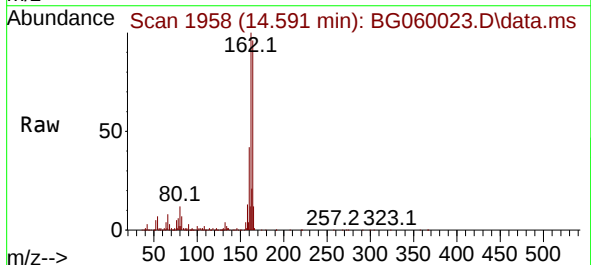
Instrument :
BNA_G
ClientSampleId :
MW-2A

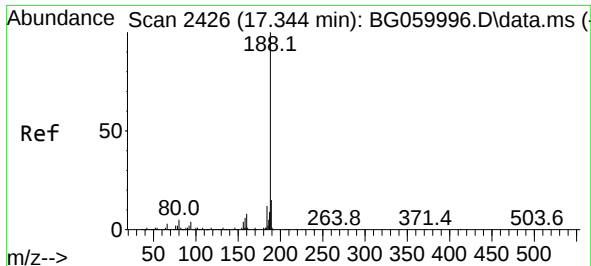
Tgt Ion:165 Resp: 42637
Ion Ratio Lower Upper
165 100
63 1.0 48.2 72.2#
89 2.9 44.4 66.6#



#57
2,4-Dinitrotoluene
Concen: 5.859 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.361 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion:165 Resp: 42637
Ion Ratio Lower Upper
165 100
63 1.0 32.8 49.2#
89 2.9 53.0 79.6#
182 0.0 2.0 3.0#

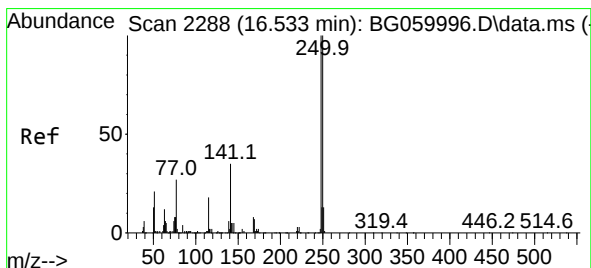
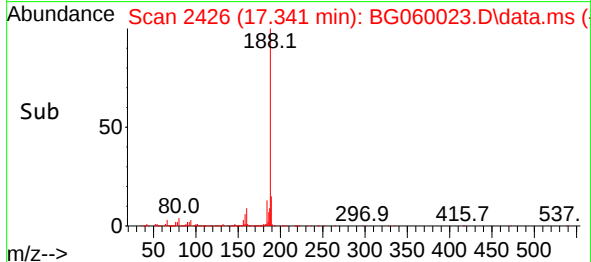
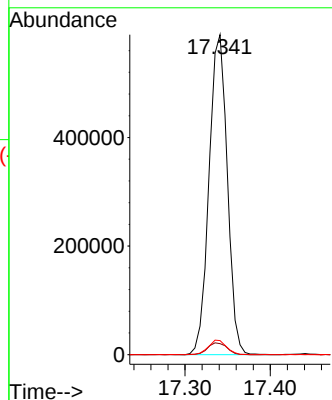
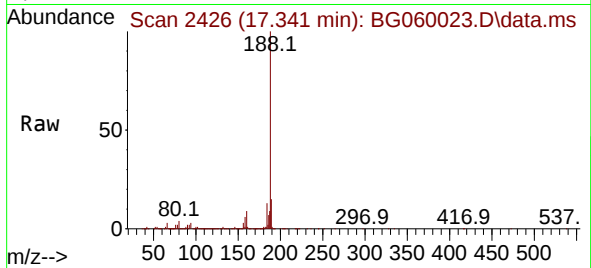




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.341 min Scan# 2426
Delta R.T. -0.003 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

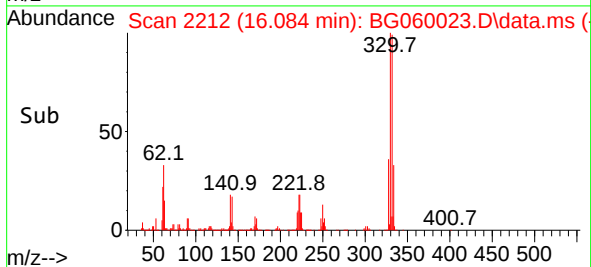
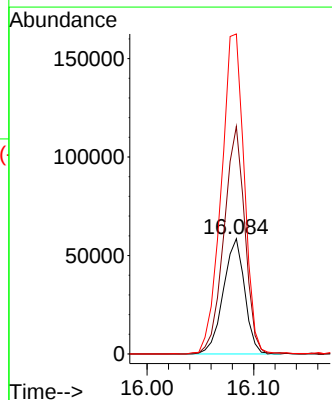
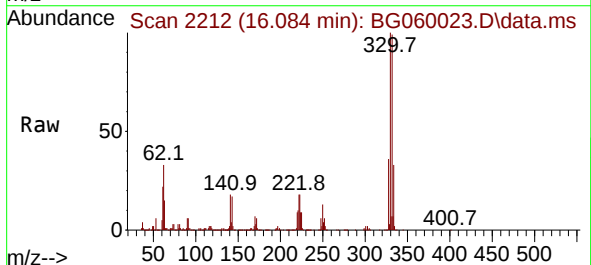
Instrument :
BNA_G
ClientSampleId :
MW-2A

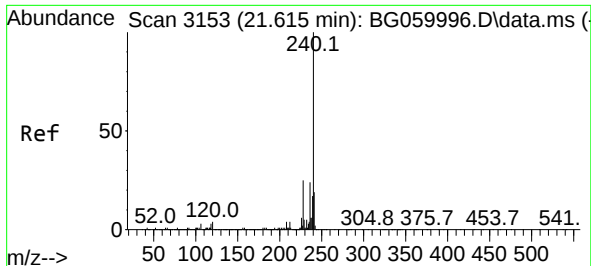
Tgt Ion:188 Resp: 878544
Ion Ratio Lower Upper
188 100
94 3.5 3.0 4.6
80 4.4 4.0 6.0



#67
4-Bromophenyl-phenylether
Concen: 6.570 ng
RT: 16.084 min Scan# 2212
Delta R.T. -0.449 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion:248 Resp: 81438
Ion Ratio Lower Upper
248 100
250 197.4 79.9 119.9#
141 277.7 28.3 42.5#

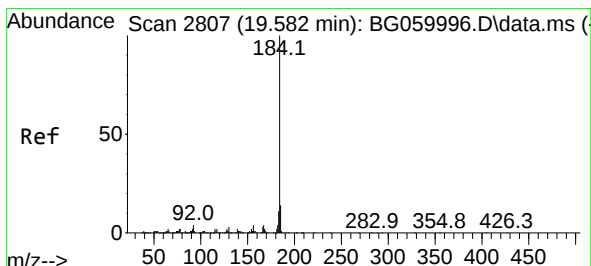
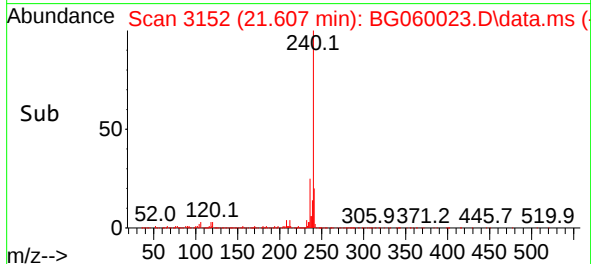
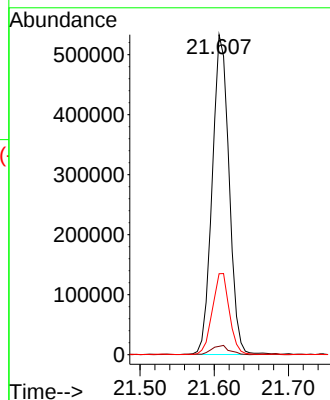
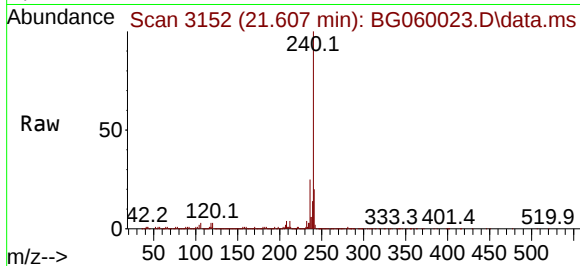




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.607 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

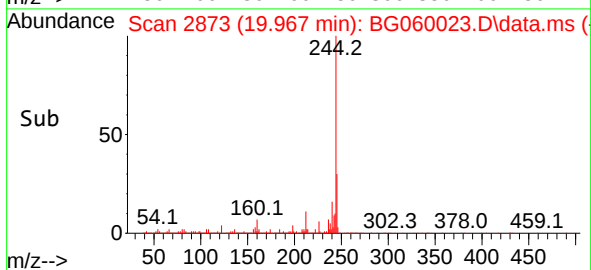
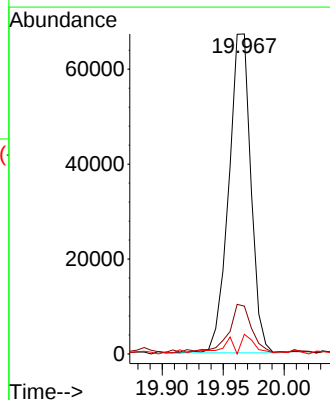
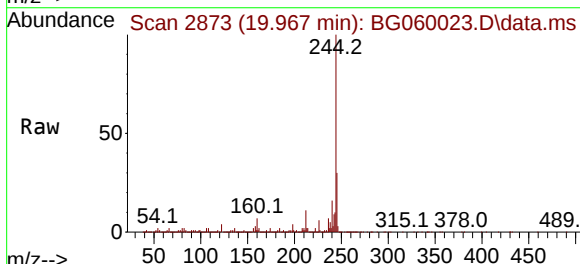
Instrument :
BNA_G
ClientSampleId :
MW-2A

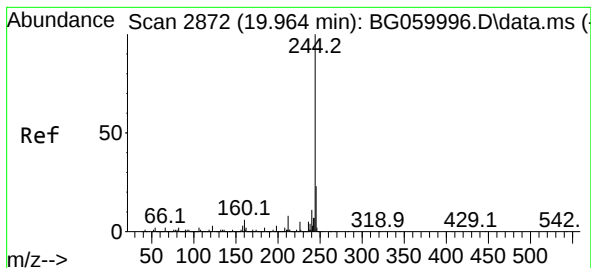
Tgt Ion:240 Resp: 841181
Ion Ratio Lower Upper
240 100
120 2.6 2.9 4.3#
236 25.3 19.4 29.2



#77
Benzidine
Concen: 7.859 ng
RT: 19.967 min Scan# 2873
Delta R.T. 0.385 min
Lab File: BG060023.D
Acq: 14 Dec 2023 22:25

Tgt Ion:184 Resp: 84917
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 6.2 9.0 13.4#





#79

Terphenyl-d14

Concen: 100.960 ng

RT: 19.967 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

Instrument :

BNA_G

ClientSampleId :

MW-2A

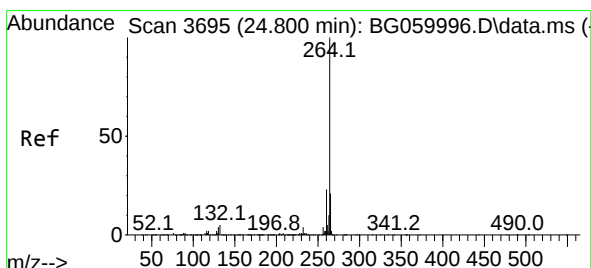
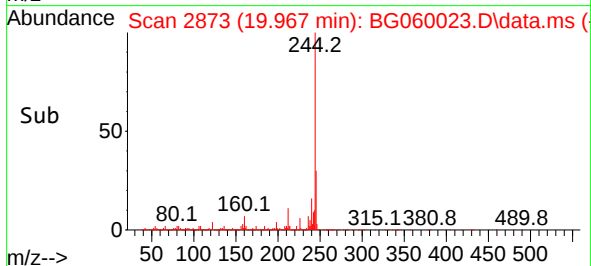
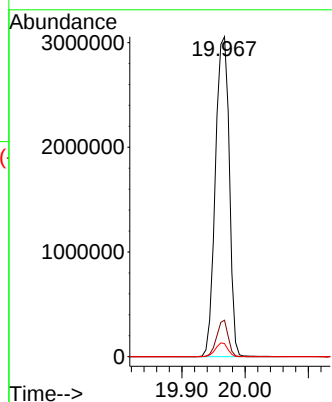
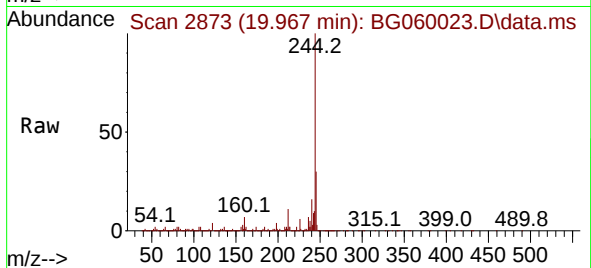
Tgt Ion:244 Resp: 4651657

Ion Ratio Lower Upper

244 100

212 11.4 6.8 10.2#

122 4.1 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.803 min Scan# 3696

Delta R.T. 0.003 min

Lab File: BG060023.D

Acq: 14 Dec 2023 22:25

Tgt Ion:264 Resp: 984799

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 19.6 17.3 25.9

