

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060044.D
 Acq On : 15 Dec 2023 20:34
 Operator : MA/JU
 Sample : 05688-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-3

Quant Time: Dec 16 02:06:16 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)

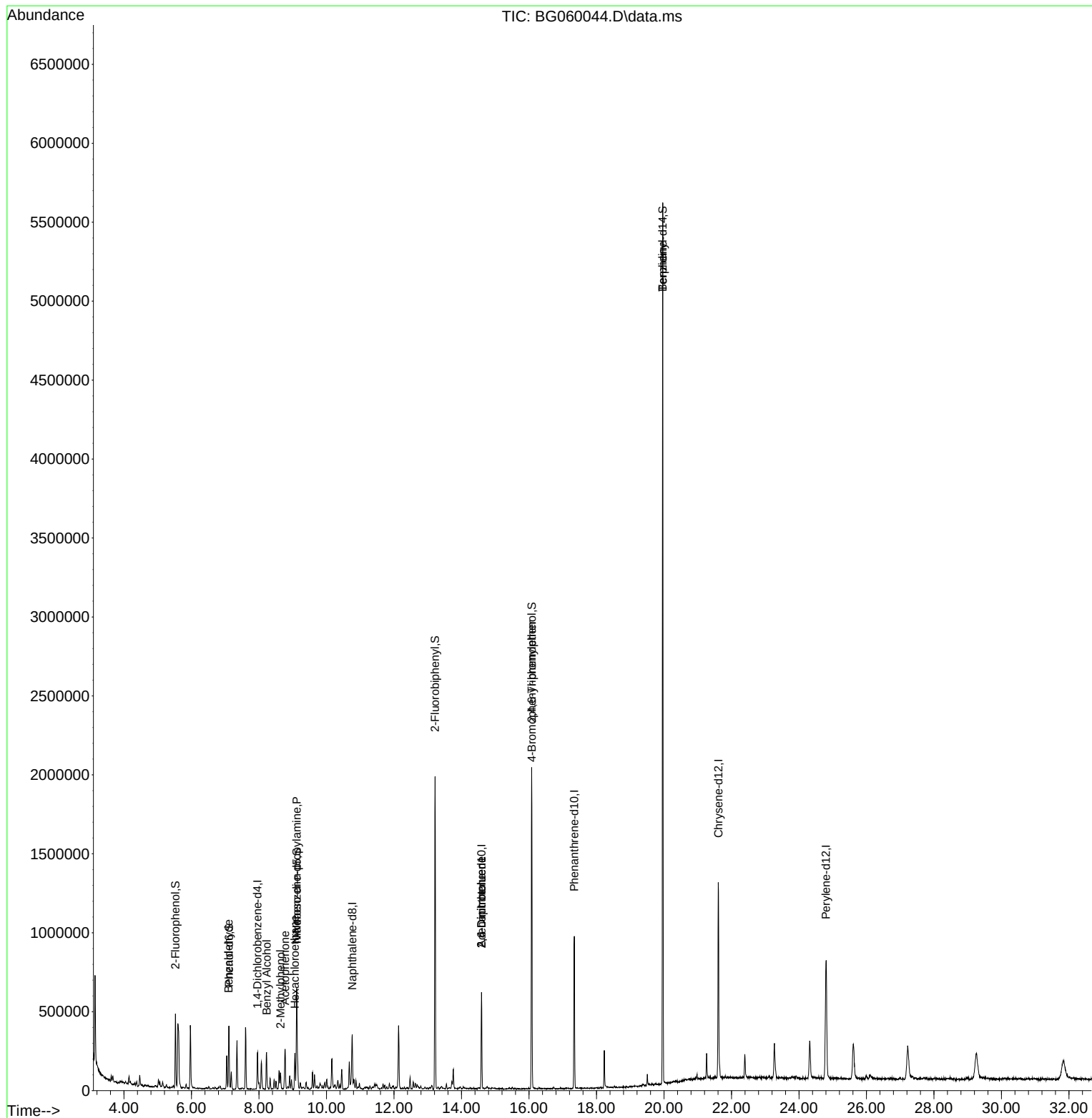
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	66577	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	259139	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	212376	20.000	ng	0.00
64) Phenanthrene-d10	17.343	188	660726	20.000	ng	0.00
76) Chrysene-d12	21.608	240	823982	20.000	ng	0.00
86) Perylene-d12	24.799	264	937970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	182345	46.885	ng	0.00
7) Phenol-d6	7.114	99	151795	27.747	ng	0.00
23) Nitrobenzene-d5	9.117	82	359640	63.019	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	484586	97.909	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1083495	62.440	ng	0.00
79) Terphenyl-d14	19.963	244	2990859	66.269	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.102	77	9384	2.821	ng	# 1
15) Benzyl Alcohol	8.230	79	9365	2.130	ng	# 38
17) 2-Methylphenol	8.635	107	25116	6.855	ng	# 18
18) Hexachloroethane	9.064	117	20054	12.909	ng	# 1
19) n-Nitroso-di-n-propyla...	9.117	70	47569	13.477	ng	# 78
22) Acetophenone	8.776	105	146224	19.363	ng	# 94
51) 2,6-Dinitrotoluene	14.593	165	26252	7.688	ng	# 23
57) 2,4-Dinitrotoluene	14.593	165	26252	5.469	ng	# 27
67) 4-Bromophenyl-phenylether	16.085	248	29584	3.173	ng	# 1
69) Atrazine	16.732	200	67	Below Cal		# 34
77) Benzidine	19.963	184	44785	4.231	ng	# 92

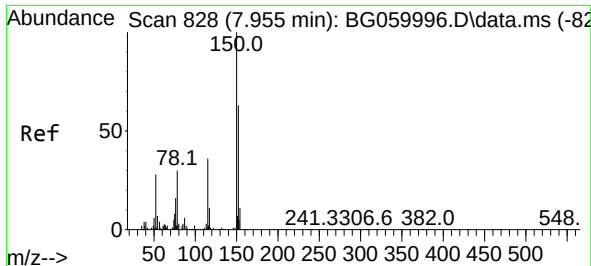
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 10 01:47:12 2023
Response via : Initial Calibration

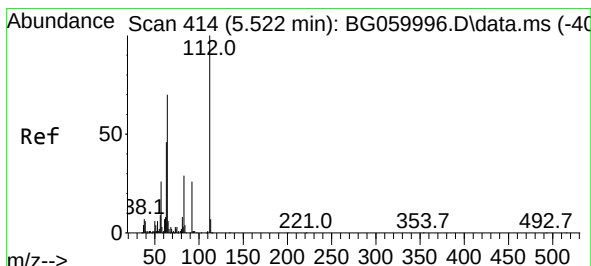
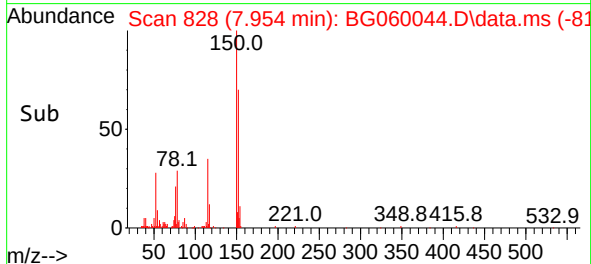
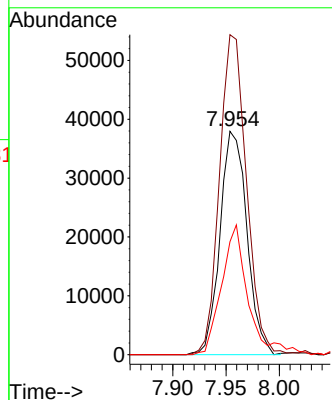
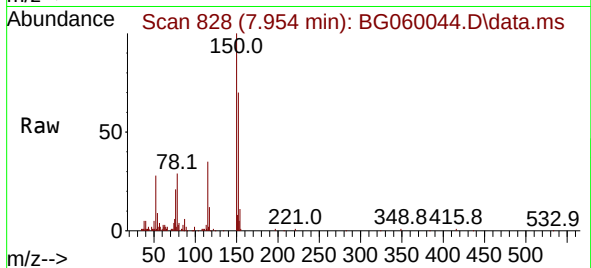




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.954 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

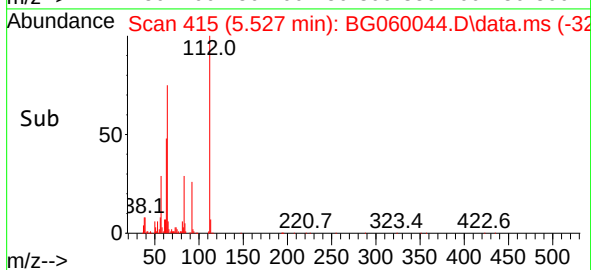
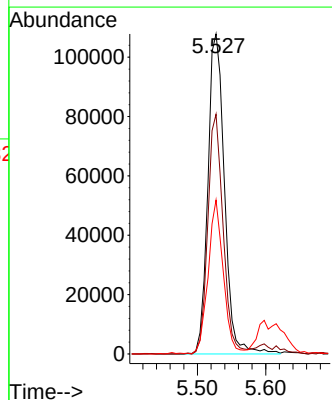
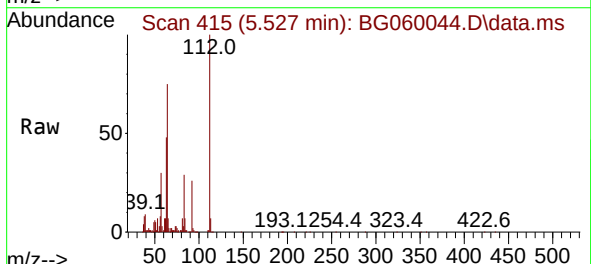
Instrument :
BNA_G
ClientSampleId :
MW-3

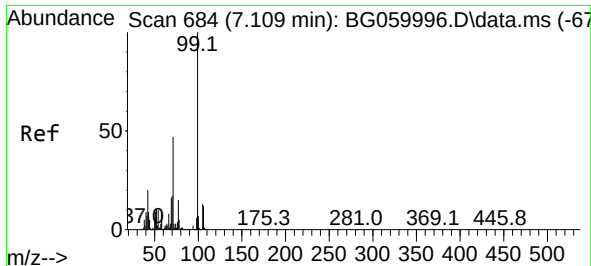
Tgt Ion:152 Resp: 66577
Ion Ratio Lower Upper
152 100
150 143.2 127.0 190.6
115 50.6 45.7 68.5



#5
2-Fluorophenol
Concen: 46.885 ng
RT: 5.527 min Scan# 415
Delta R.T. 0.005 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:112 Resp: 182345
Ion Ratio Lower Upper
112 100
64 74.9 55.9 83.9
63 48.1 36.5 54.7

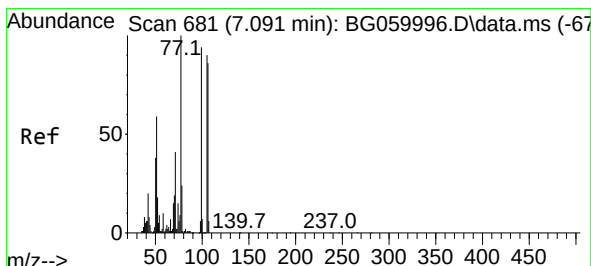
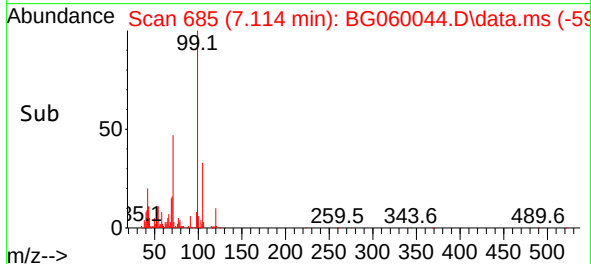
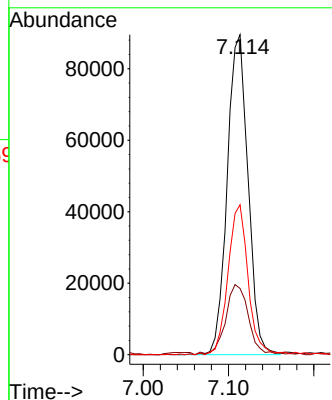
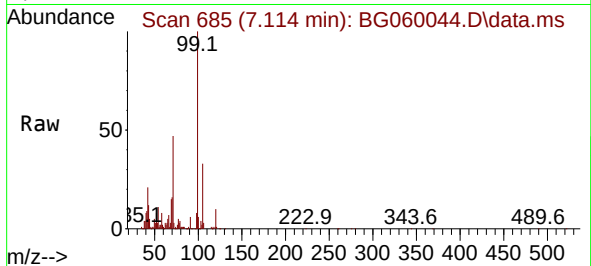




#7
Phenol-d6
Concen: 27.747 ng
RT: 7.114 min Scan# 685
Delta R.T. 0.005 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

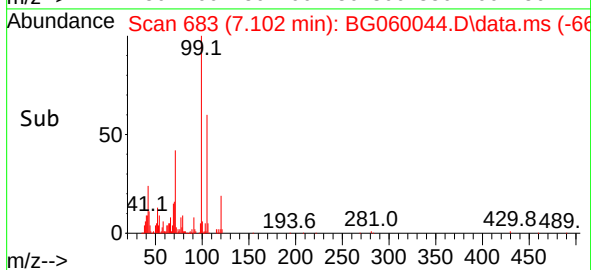
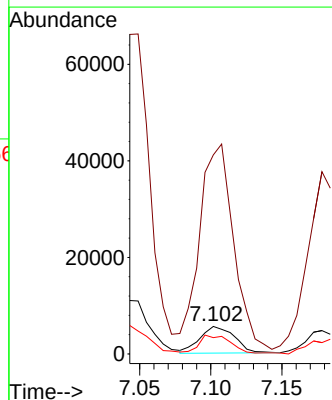
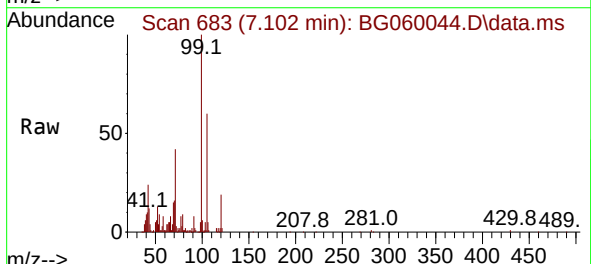
Instrument :
BNA_G
ClientSampleId :
MW-3

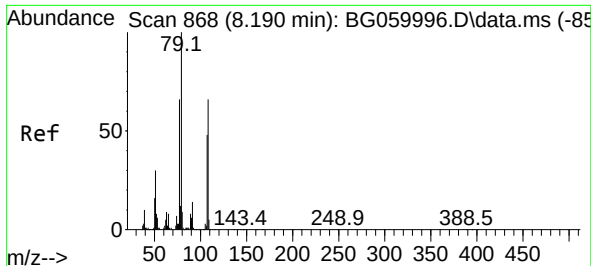
Tgt Ion: 99 Resp: 151795
Ion Ratio Lower Upper
99 100
42 20.7 16.2 24.4
71 46.9 37.6 56.4



#9
Benzaldehyde
Concen: 2.821 ng
RT: 7.102 min Scan# 683
Delta R.T. 0.011 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion: 77 Resp: 9384
Ion Ratio Lower Upper
77 100
105 721.7 70.5 110.5#
106 59.1 66.0 106.0#

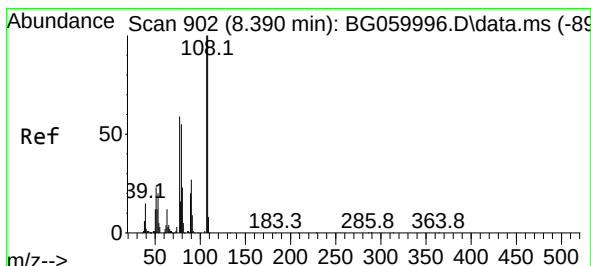
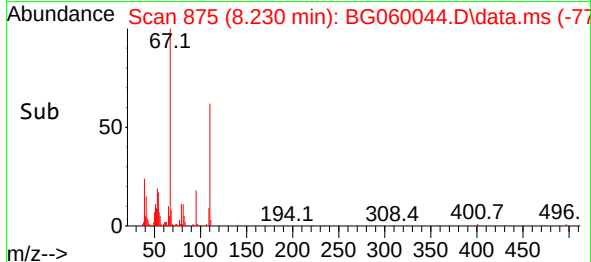
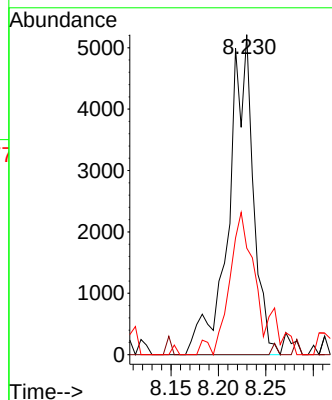
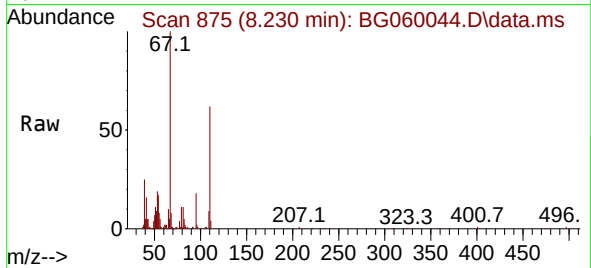




#15
Benzyl Alcohol
Concen: 2.130 ng
RT: 8.230 min Scan# 81
Delta R.T. 0.040 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

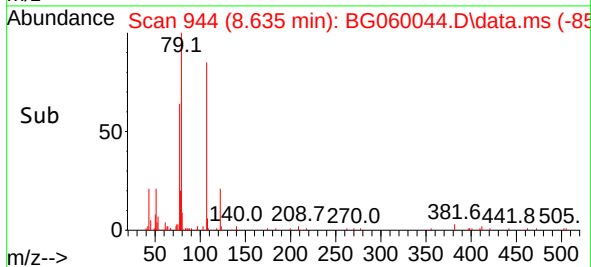
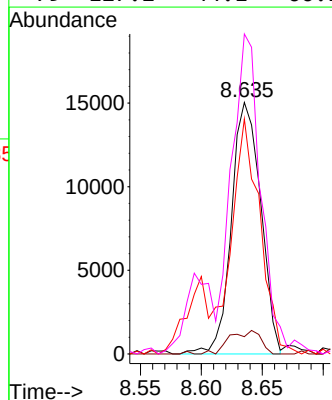
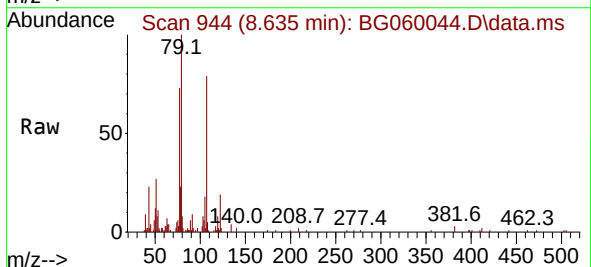
Instrument :
BNA_G
ClientSampleId :
MW-3

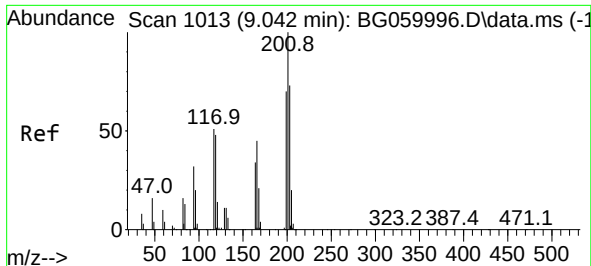
Tgt Ion: 79 Resp: 9365
Ion Ratio Lower Upper
79 100
108 0.0 53.1 79.7#
77 33.3 52.8 79.2#



#17
2-Methylphenol
Concen: 6.855 ng
RT: 8.635 min Scan# 944
Delta R.T. 0.246 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion: 107 Resp: 25116
Ion Ratio Lower Upper
107 100
108 6.9 80.7 121.1#
77 93.4 47.8 71.6#
79 127.2 44.1 66.1#

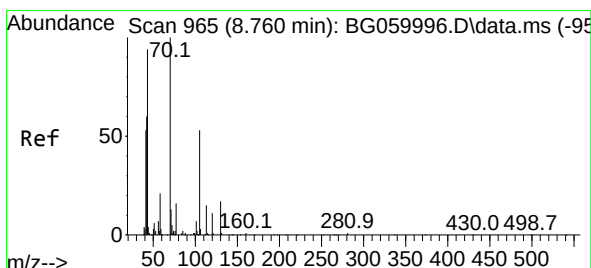
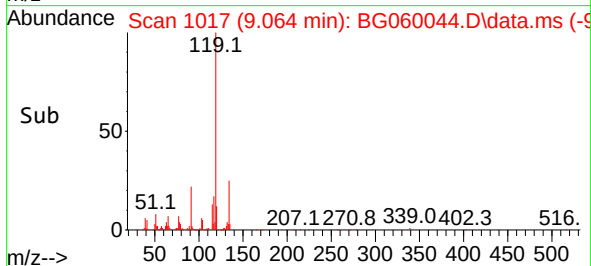
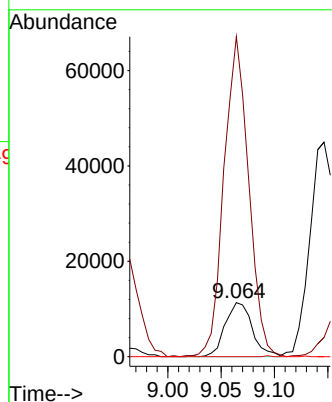
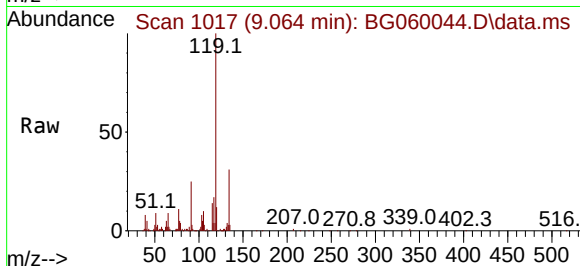




#18
Hexachloroethane
Concen: 12.909 ng
RT: 9.064 min Scan# 1013
Delta R.T. 0.022 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

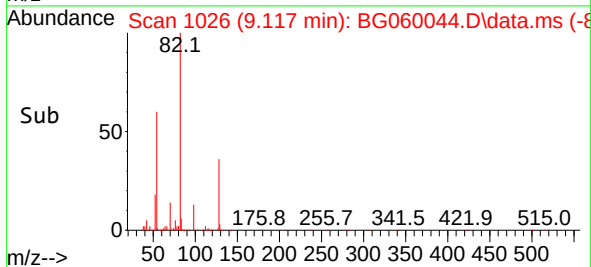
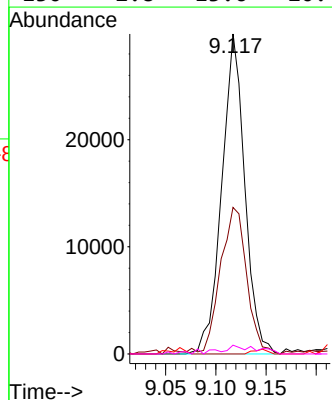
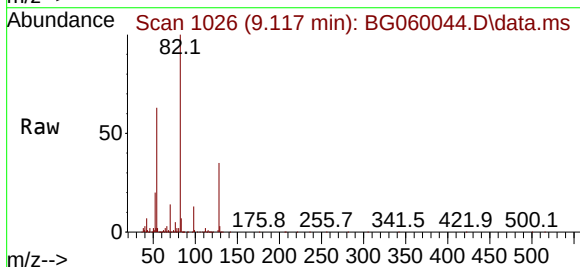
Instrument :
BNA_G
ClientSampleId :
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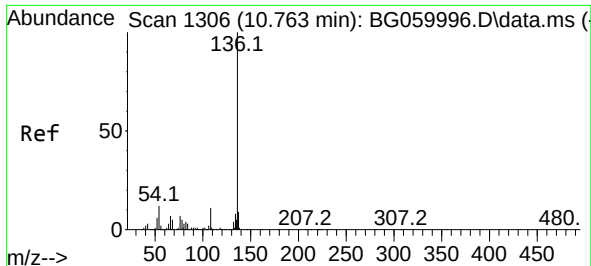
Tgt Ion:117 Resp: 20054
Ion Ratio Lower Upper
117 100
119 591.1 74.5 111.7#
201 0.0 156.5 234.7#



#19
n-Nitroso-di-n-propylamine
Concen: 13.477 ng
RT: 9.117 min Scan# 1026
Delta R.T. 0.357 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion: 70 Resp: 47569
Ion Ratio Lower Upper
70 100
42 45.8 48.6 73.0#
101 0.0 5.7 8.5#
130 2.8 13.6 20.4#

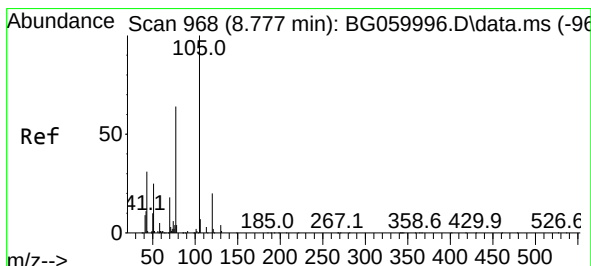
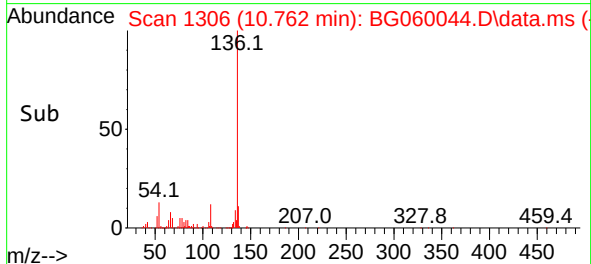
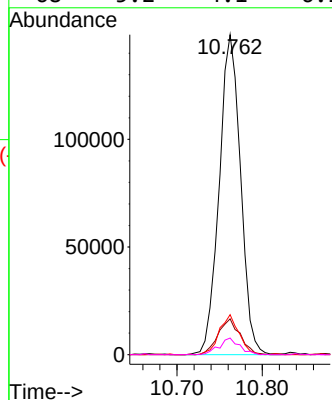
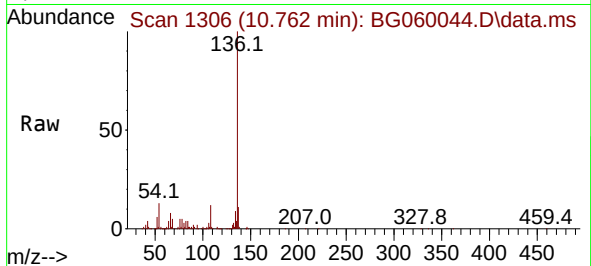




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

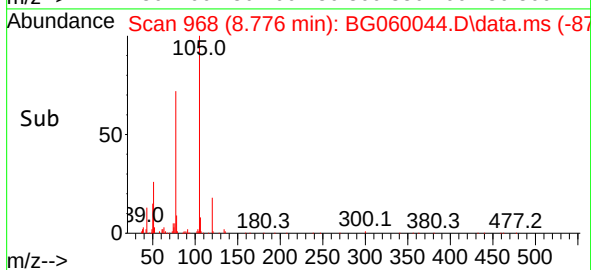
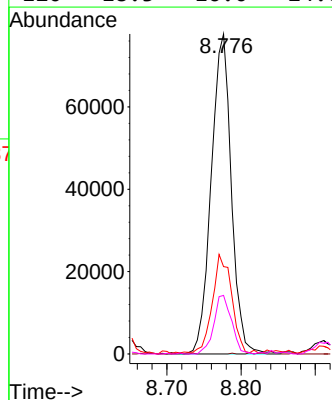
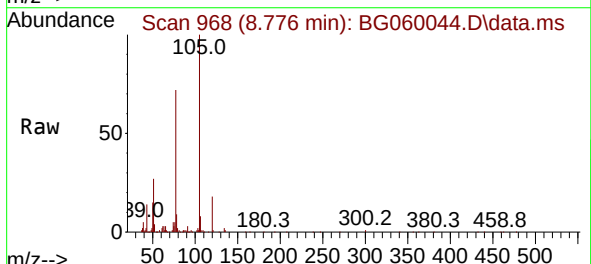
Instrument :
BNA_G
ClientSampleId :
MW-3

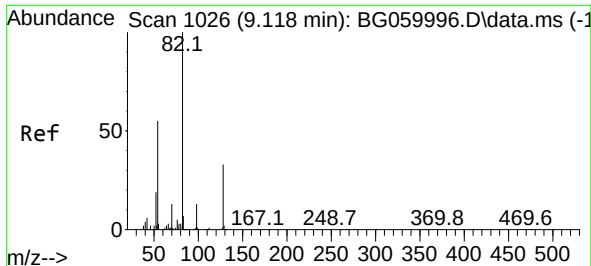
Tgt Ion:136 Resp: 259139
Ion Ratio Lower Upper
136 100
137 11.2 7.3 10.9#
54 12.5 9.6 14.4
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 19.363 ng
RT: 8.776 min Scan# 968
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:105 Resp: 146224
Ion Ratio Lower Upper
105 100
71 0.0 2.1 3.1#
51 27.3 25.4 38.0
120 18.3 16.0 24.0





#23

Nitrobenzene-d5

Concen: 63.019 ng

RT: 9.117 min Scan# 1026

Delta R.T. -0.001 min

Lab File: BG060044.D

Acq: 15 Dec 2023 20:34

Instrument :

BNA_G

ClientSampleId :

MW-3

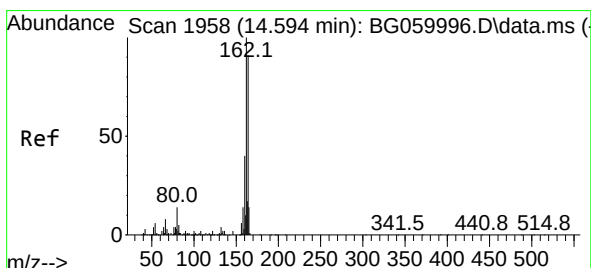
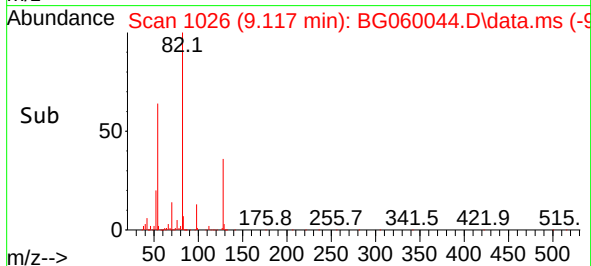
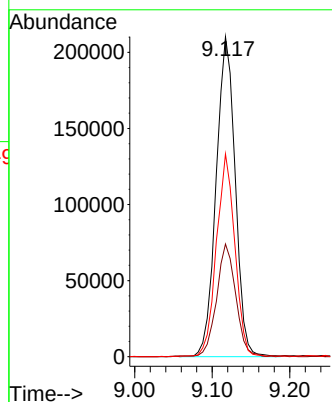
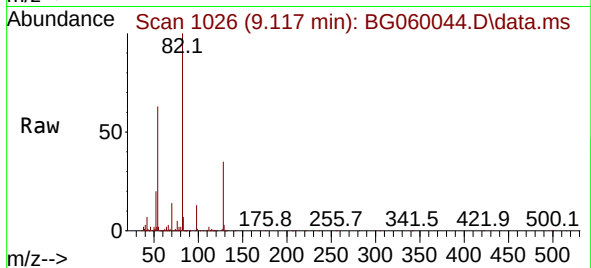
Tgt Ion: 82 Resp: 359640

Ion Ratio Lower Upper

82 100

128 35.2 26.3 39.5

54 63.4 44.3 66.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.593 min Scan# 1958

Delta R.T. -0.001 min

Lab File: BG060044.D

Acq: 15 Dec 2023 20:34

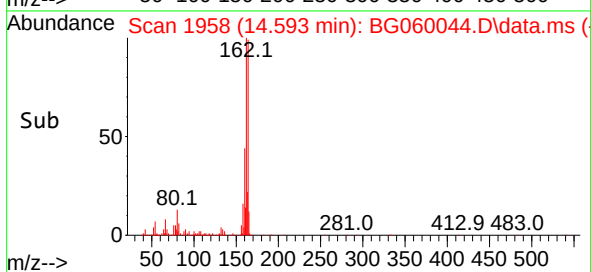
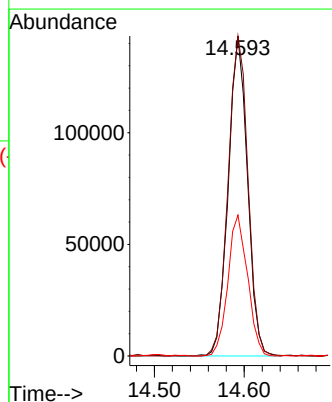
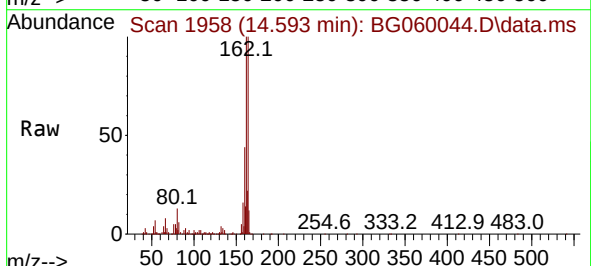
Tgt Ion:164 Resp: 212376

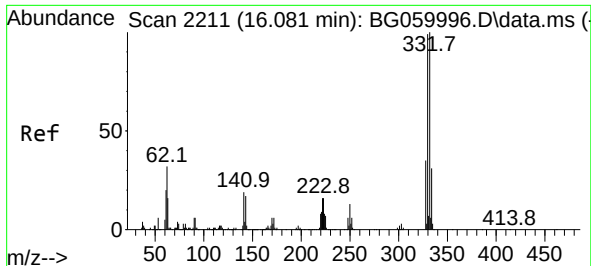
Ion Ratio Lower Upper

164 100

162 100.3 88.1 132.1

160 44.2 35.4 53.0

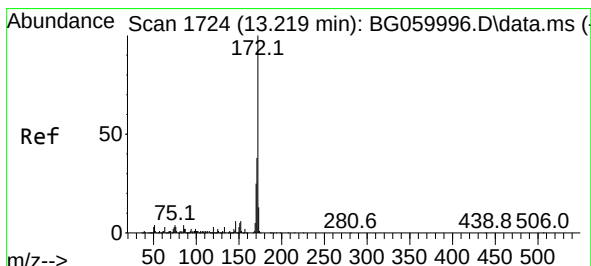
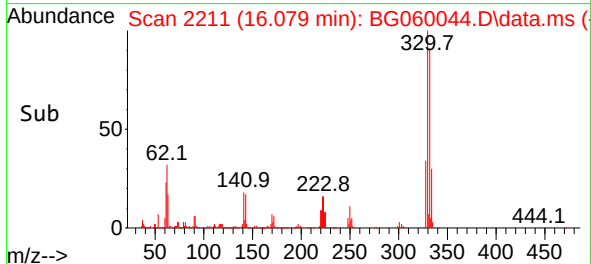
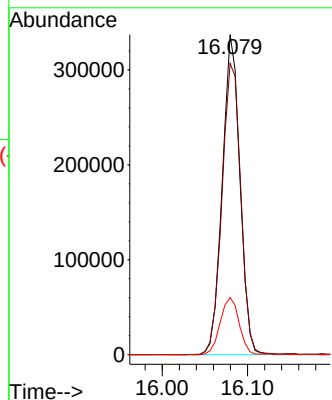
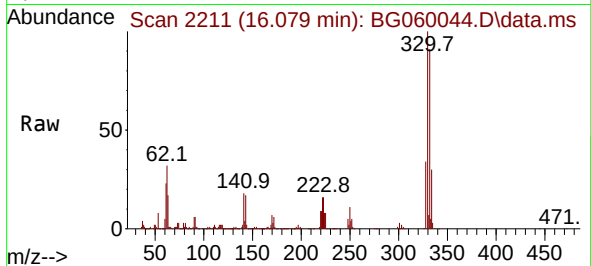




#42
2,4,6-Tribromophenol
Concen: 97.909 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

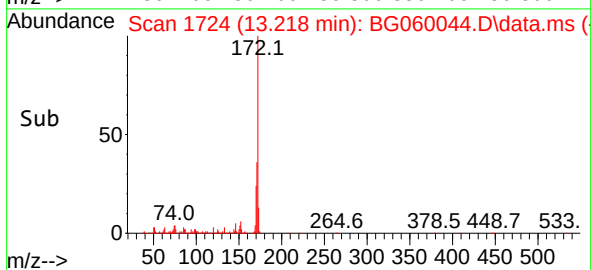
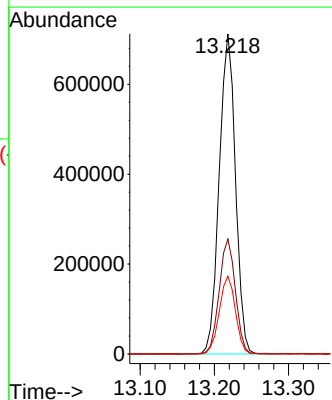
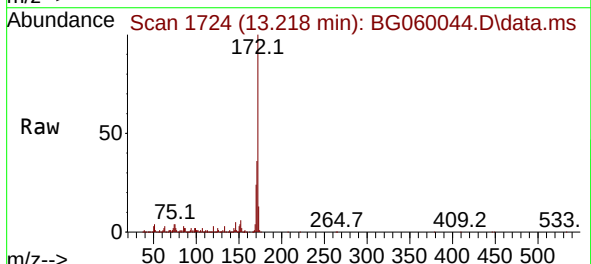
Instrument :
BNA_G
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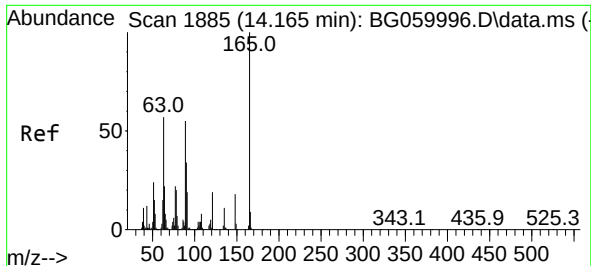
Tgt Ion:330 Resp: 484586
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 19.2 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 62.440 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:172 Resp: 1083495
Ion Ratio Lower Upper
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171 35.9 30.1 45.1
170 24.3 20.0 30.0

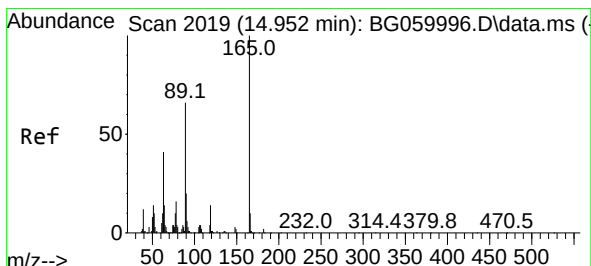
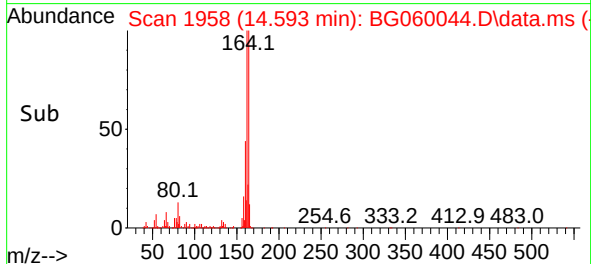
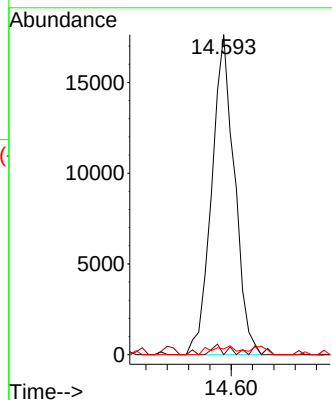
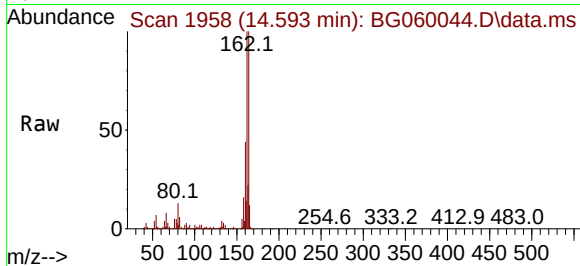




#51
2,6-Dinitrotoluene
Concen: 7.688 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.428 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

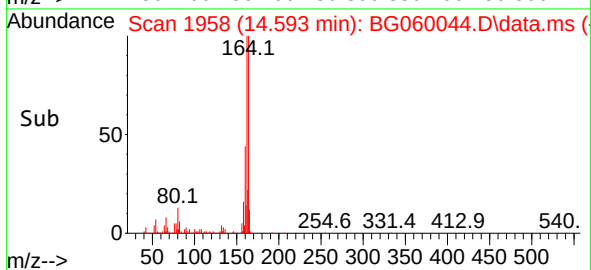
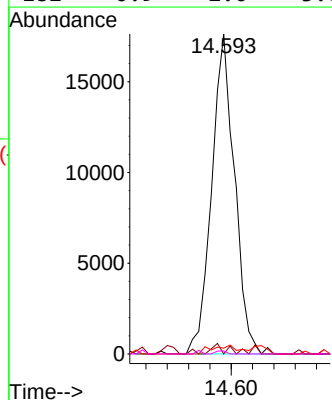
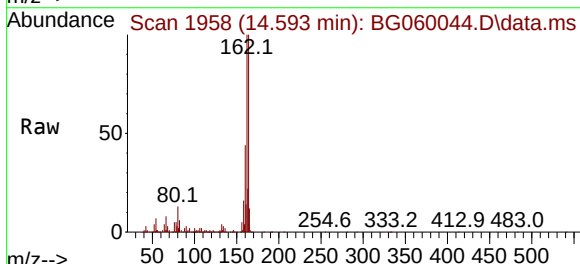
Instrument :
BNA_G
ClientSampleId :
MW-3

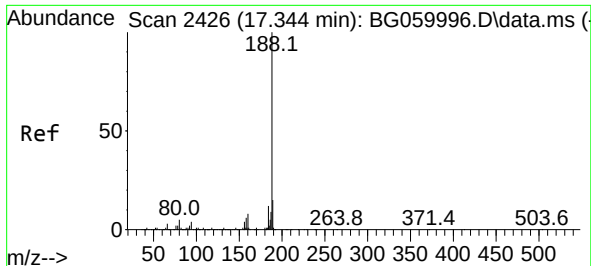
Tgt Ion:165 Resp: 26252
Ion Ratio Lower Upper
165 100
63 0.0 48.2 72.2#
89 1.8 44.4 66.6#



#57
2,4-Dinitrotoluene
Concen: 5.469 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.360 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:165 Resp: 26252
Ion Ratio Lower Upper
165 100
63 0.0 32.8 49.2#
89 1.8 53.0 79.6#
182 0.9 2.0 3.0#

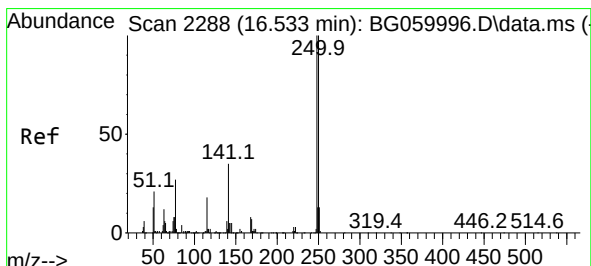
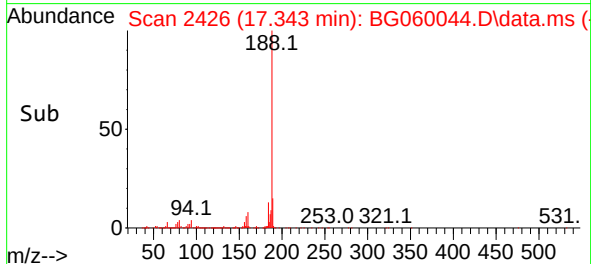
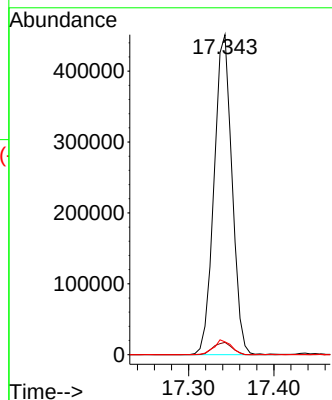
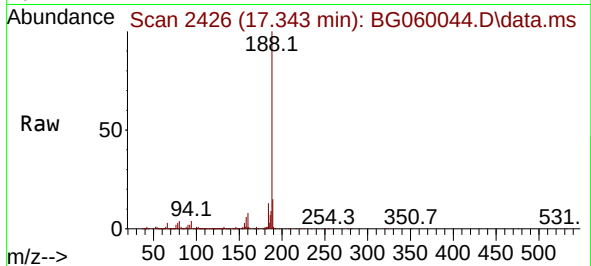




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.343 min Scan# 2426
Delta R.T. -0.001 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

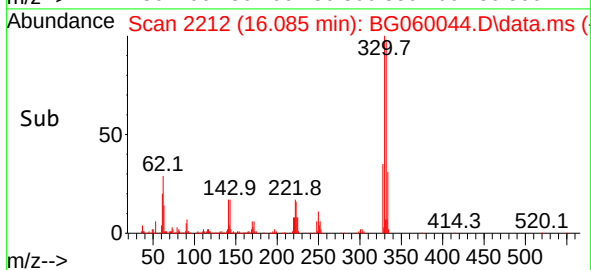
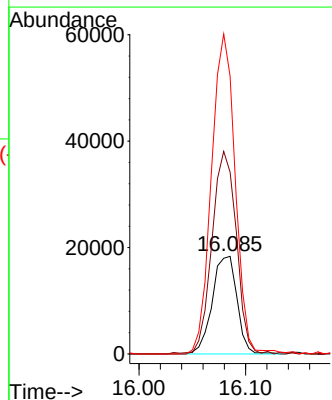
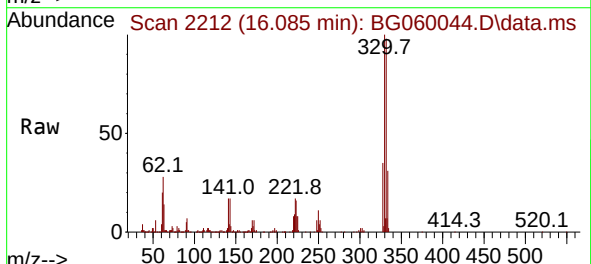
Instrument :
BNA_G
ClientSampleId :
MW-3

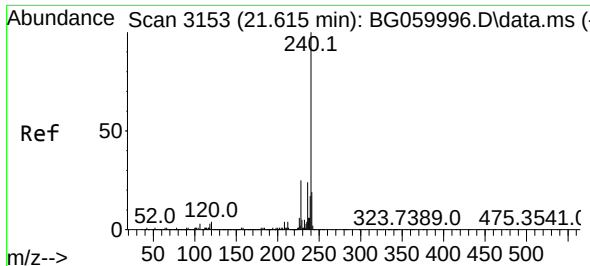
Tgt Ion:188 Resp: 660726
Ion Ratio Lower Upper
188 100
94 3.8 3.0 4.6
80 4.0 4.0 6.0



#67
4-Bromophenyl-phenylether
Concen: 3.173 ng
RT: 16.085 min Scan# 2212
Delta R.T. -0.448 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:248 Resp: 29584
Ion Ratio Lower Upper
248 100
250 186.2 79.9 119.9#
141 284.3 28.3 42.5#

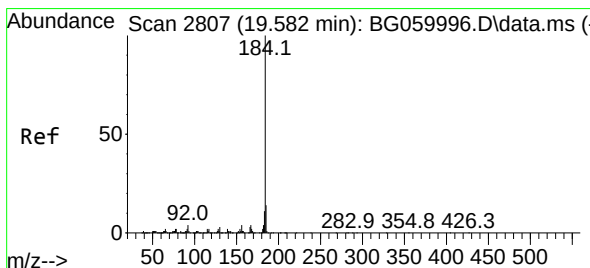
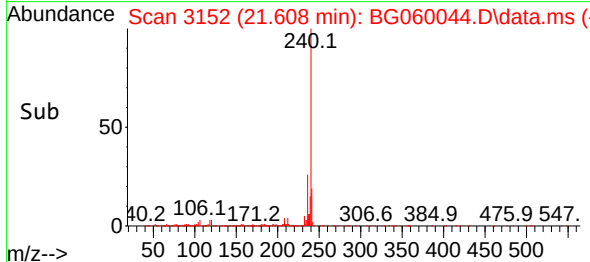
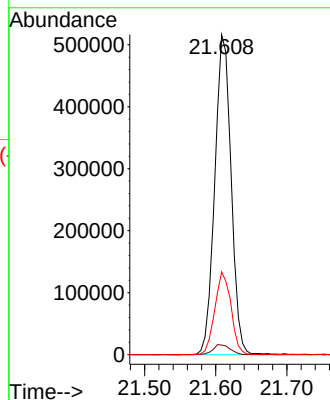
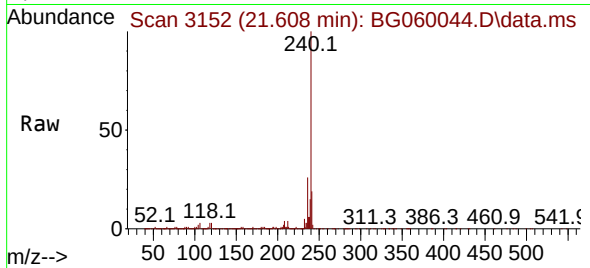




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3153
Delta R.T. -0.007 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

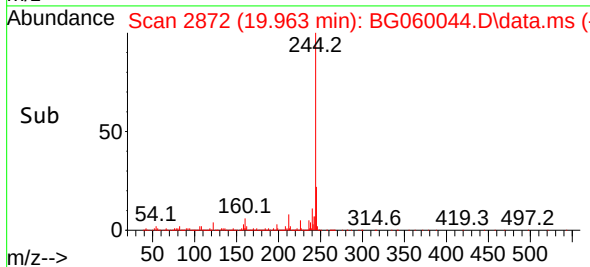
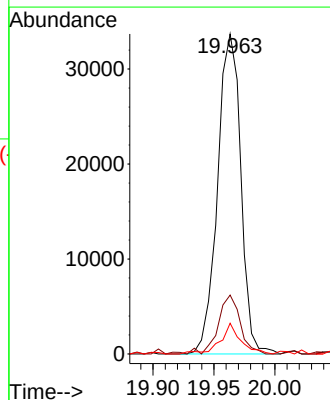
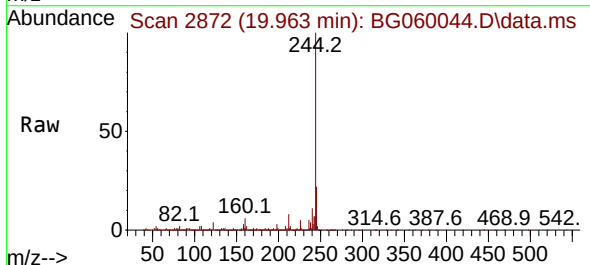
Instrument :
BNA_G
ClientSampleId :
MW-3

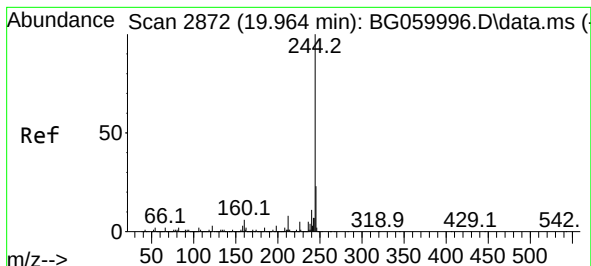
Tgt Ion:240 Resp: 823982
Ion Ratio Lower Upper
240 100
120 3.0 2.9 4.3
236 25.9 19.4 29.2



#77
Benzidine
Concen: 4.231 ng
RT: 19.963 min Scan# 2872
Delta R.T. 0.381 min
Lab File: BG060044.D
Acq: 15 Dec 2023 20:34

Tgt Ion:184 Resp: 44785
Ion Ratio Lower Upper
184 100
185 18.4 11.1 16.7#
183 9.6 9.0 13.4





#79

Terphenyl-d14

Concen: 66.269 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060044.D

Acq: 15 Dec 2023 20:34

Instrument :

BNA_G

ClientSampleId :

MW-3

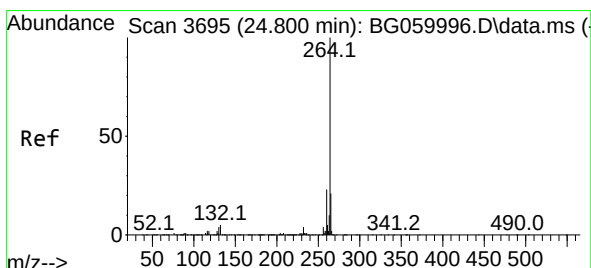
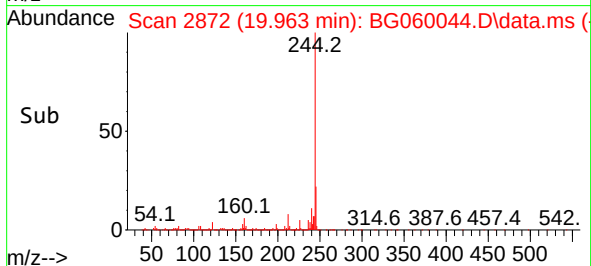
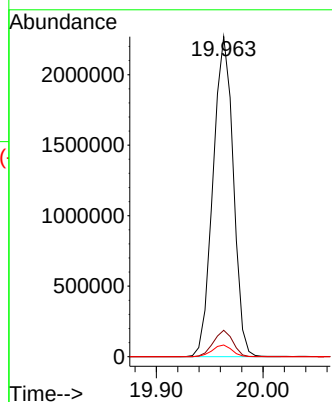
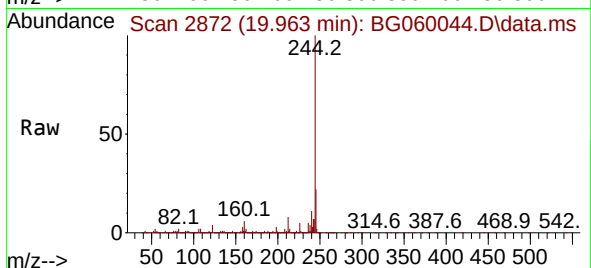
Tgt Ion:244 Resp: 2990859

Ion Ratio Lower Upper

244 100

212 8.2 6.8 10.2

122 3.7 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.799 min Scan# 3695

Delta R.T. -0.001 min

Lab File: BG060044.D

Acq: 15 Dec 2023 20:34

Tgt Ion:264 Resp: 937970

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 21.6 17.3 25.9

