

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061210.D
 Acq On : 15 May 2024 17:43
 Operator : MA/JU
 Sample : P2468-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-II

Quant Time: May 15 18:28:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

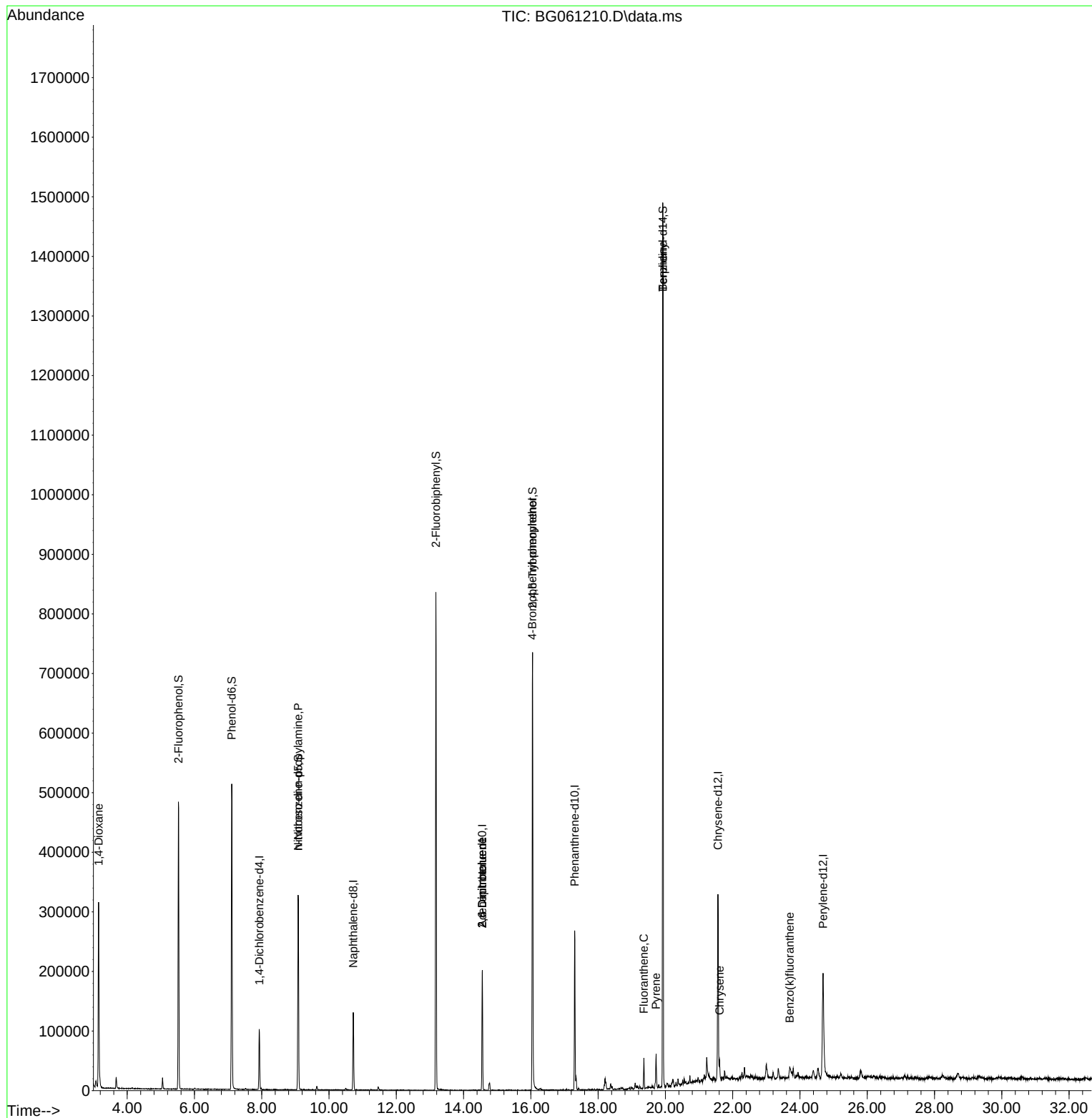
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	25879	20.000	ng	-0.04
21) Naphthalene-d8	10.722	136	101939	20.000	ng	-0.04
39) Acenaphthene-d10	14.553	164	76414	20.000	ng	-0.04
64) Phenanthrene-d10	17.302	188	174268	20.000	ng	#-0.03
76) Chrysene-d12	21.562	240	181229	20.000	ng	-0.03
86) Perylene-d12	24.688	264	217518	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	171129	134.484	ng	-0.02
7) Phenol-d6	7.108	99	230273	122.329	ng	-0.02
23) Nitrobenzene-d5	9.083	82	166380	80.909	ng	-0.04
42) 2,4,6-Tribromophenol	16.051	330	167586	109.721	ng	-0.02
45) 2-Fluorobiphenyl	13.178	172	433345	83.858	ng	-0.03
79) Terphenyl-d14	19.923	244	791545	72.640	ng	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.154	88	2133	4.146	ng	# 1
9) Benzaldehyde	7.103	77	346	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.083	70	25088	17.809	ng	# 66
51) 2,6-Dinitrotoluene	14.553	165	10240	8.111	ng	# 17
57) 2,4-Dinitrotoluene	14.553	165	10240	5.482	ng	# 19
67) 4-Bromophenyl-phenylether	16.045	248	10110	4.925	ng	# 1
75) Fluoranthene	19.359	202	32102	2.941	ng	95
77) Benzidine	19.923	184	12366	6.172	ng	# 92
78) Pyrene	19.723	202	36620	3.178	ng	96
83) Chrysene	21.609	228	23251	2.093	ng	94
89) Benzo(k)fluoranthene	23.695	252	23698	2.027	ng	# 96

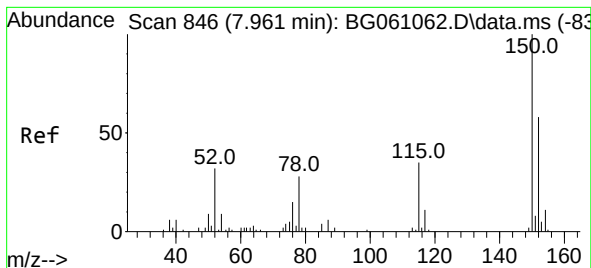
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
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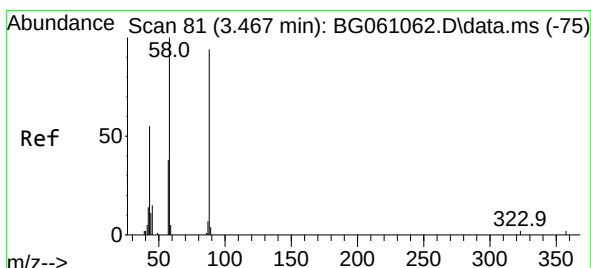
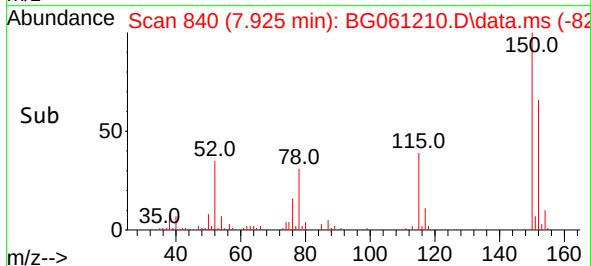
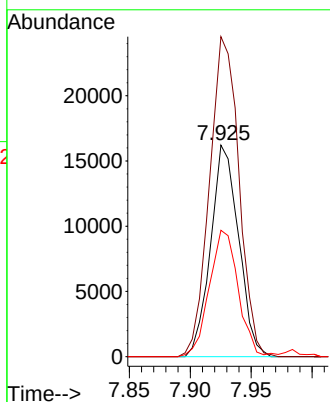
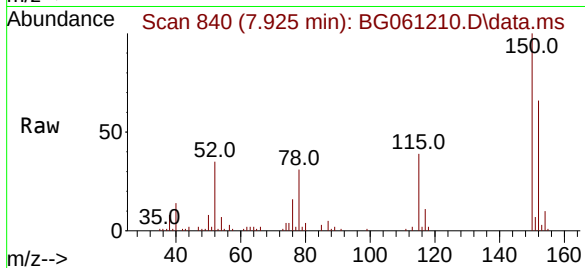




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.925 min Scan# 84
 Delta R.T. -0.036 min
 Lab File: BG061210.D
 Acq: 15 May 2024 17:43

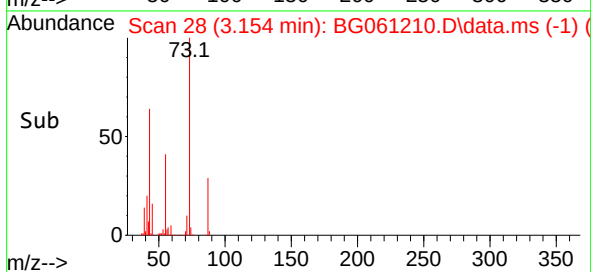
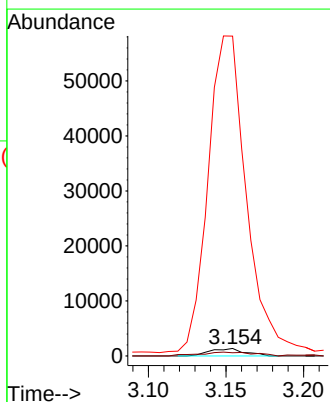
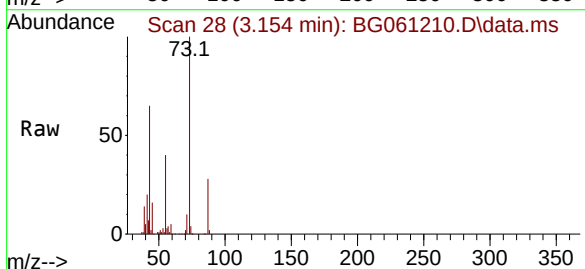
Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-II

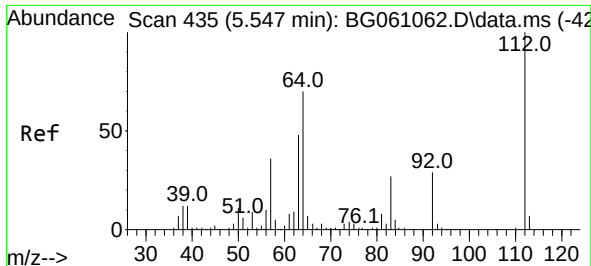
Tgt Ion:152 Resp: 25879
 Ion Ratio Lower Upper
 152 100
 150 151.3 138.3 207.5
 115 59.7 48.0 72.0



#2
 1,4-Dioxane
 Concen: 4.146 ng
 RT: 3.154 min Scan# 28
 Delta R.T. -0.312 min
 Lab File: BG061210.D
 Acq: 15 May 2024 17:43

Tgt Ion: 88 Resp: 2133
 Ion Ratio Lower Upper
 88 100
 58 79.5 81.2 121.8#
 43 4649.2 45.0 67.4#

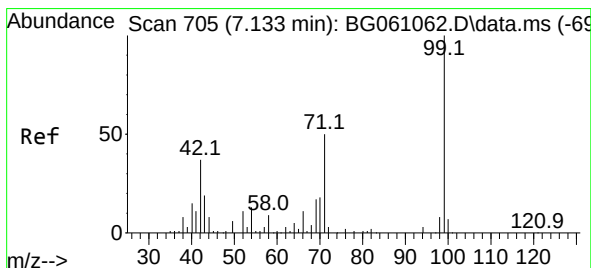
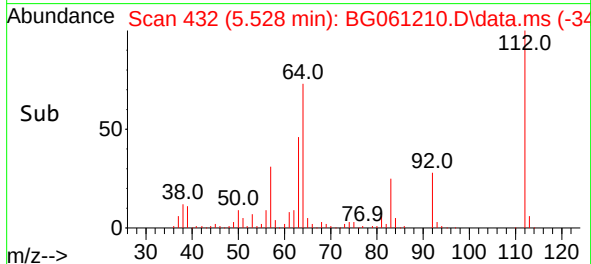
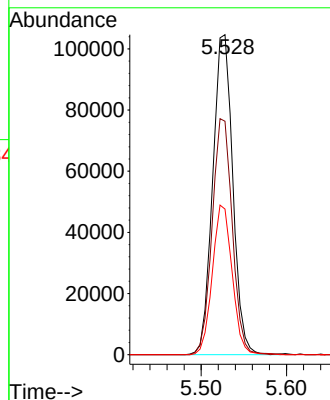
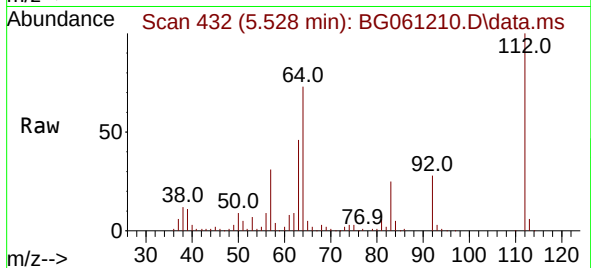




#5
2-Fluorophenol
Concen: 134.484 ng
RT: 5.528 min Scan# 435
Delta R.T. -0.019 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

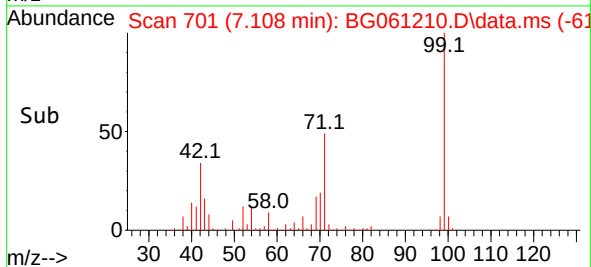
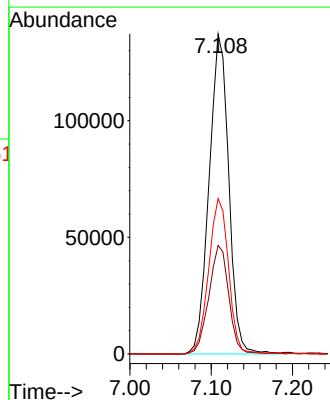
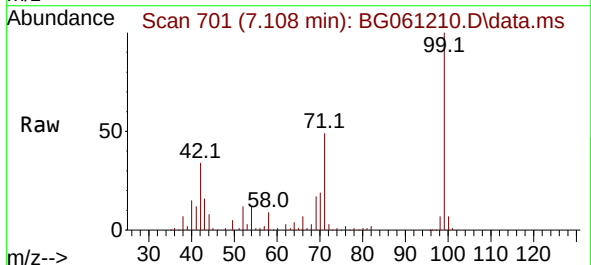
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

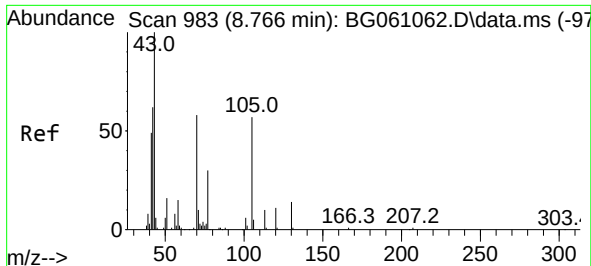
Tgt Ion:112 Resp: 171129
Ion Ratio Lower Upper
112 100
64 72.9 55.7 83.5
63 45.5 38.1 57.1



#7
Phenol-d6
Concen: 122.329 ng
RT: 7.108 min Scan# 701
Delta R.T. -0.025 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion: 99 Resp: 230273
Ion Ratio Lower Upper
99 100
42 33.9 29.2 43.8
71 48.5 39.7 59.5

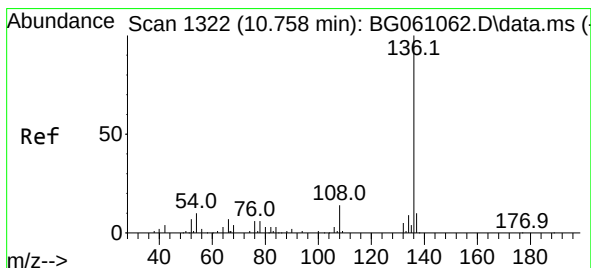
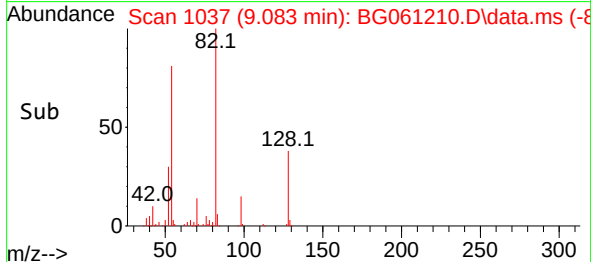
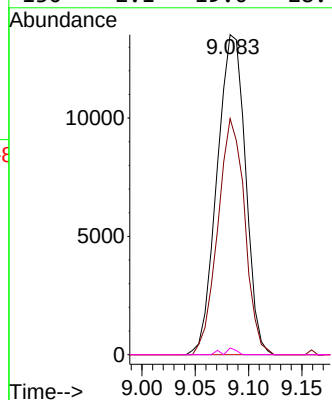
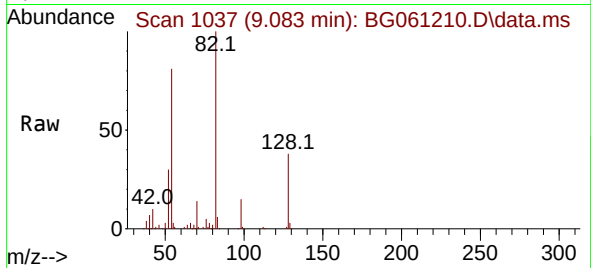




#19
n-Nitroso-di-n-propylamine
Concen: 17.809 ng
RT: 9.083 min Scan# 1037
Delta R.T. 0.316 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

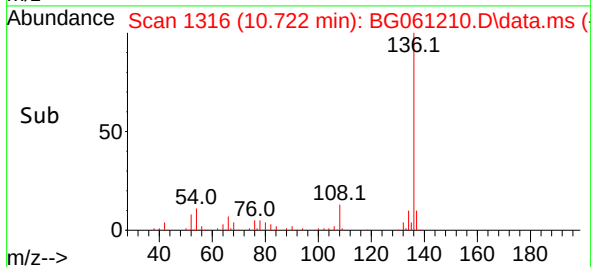
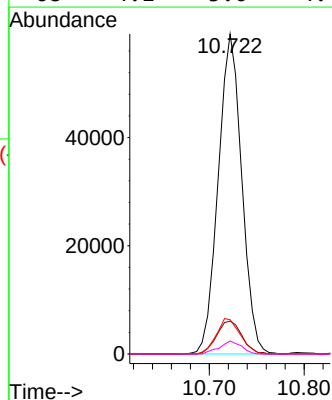
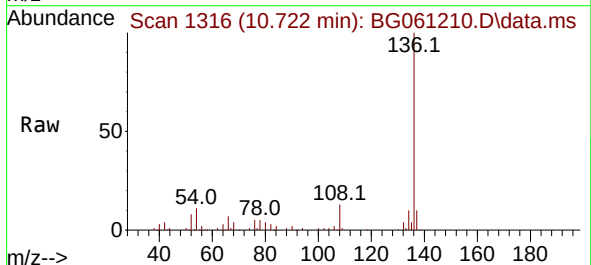
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

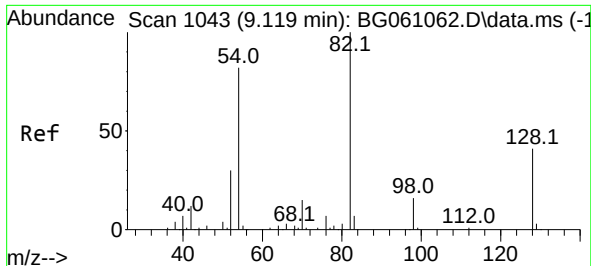
Tgt Ion: 70 Resp: 25088
Ion Ratio Lower Upper
70 100
42 73.8 86.4 129.6#
101 0.0 7.8 11.8#
130 2.1 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1316
Delta R.T. -0.036 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion: 136 Resp: 101939
Ion Ratio Lower Upper
136 100
137 10.3 7.8 11.6
54 10.7 8.1 12.1
68 4.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 80.909 ng

RT: 9.083 min Scan# 1043

Delta R.T. -0.036 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

Instrument :

BNA_G

ClientSampleId :

WC-MH-II

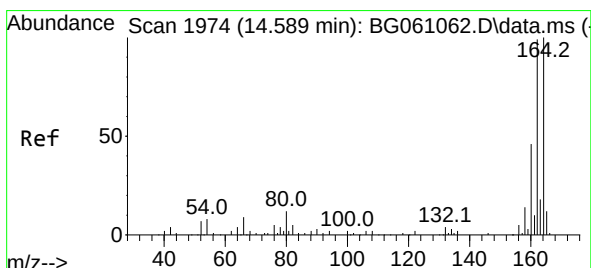
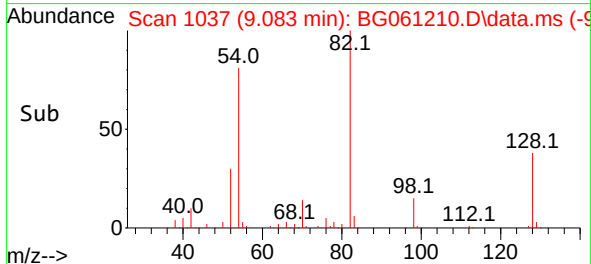
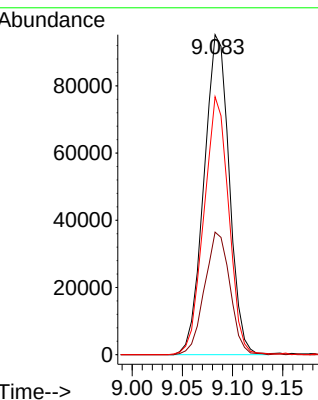
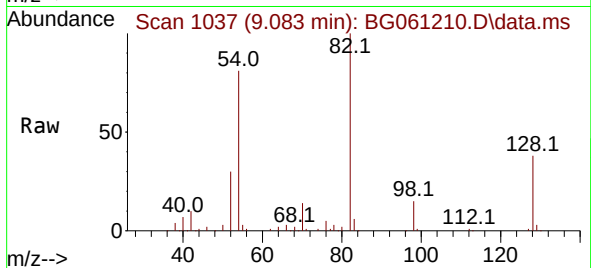
Tgt Ion: 82 Resp: 166380

Ion Ratio Lower Upper

82 100

128 38.3 32.7 49.1

54 80.6 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1968

Delta R.T. -0.036 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

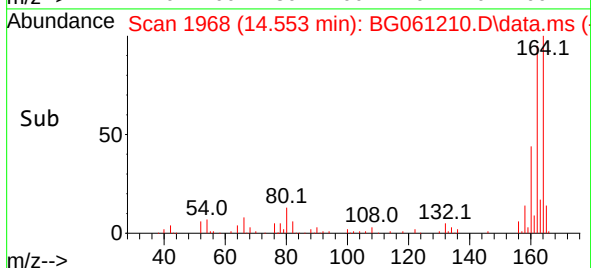
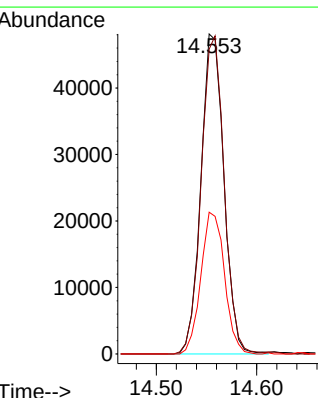
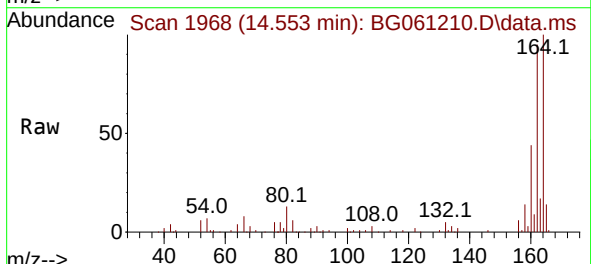
Tgt Ion:164 Resp: 76414

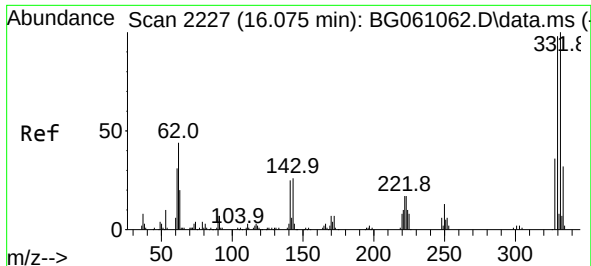
Ion Ratio Lower Upper

164 100

162 95.2 79.4 119.2

160 44.3 37.0 55.6

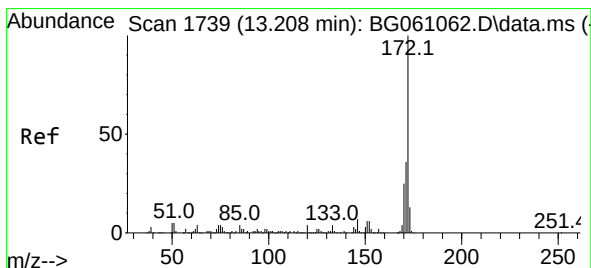
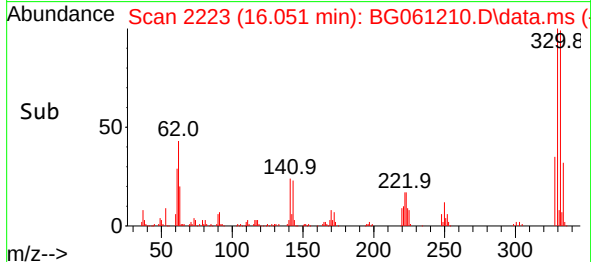
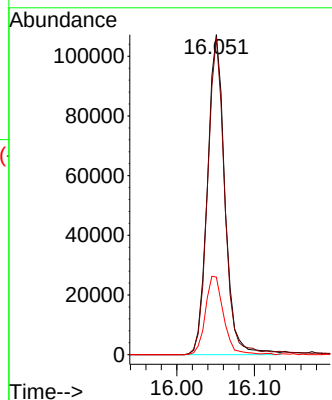
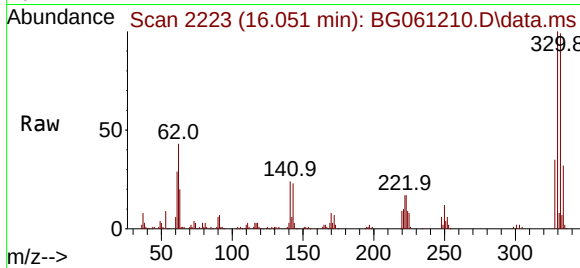




#42
2,4,6-Tribromophenol
Concen: 109.721 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.025 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

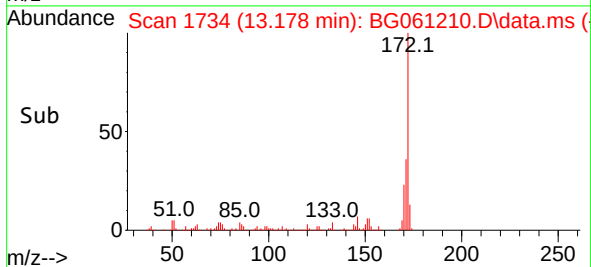
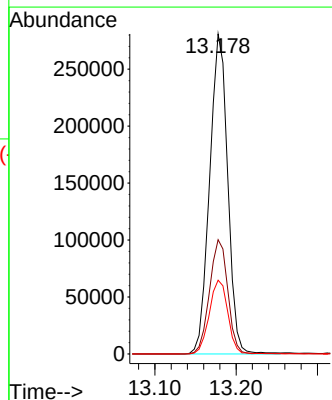
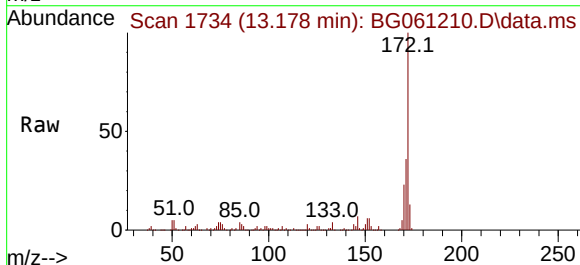
Instrument :
BNA_G
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WC-MH-II

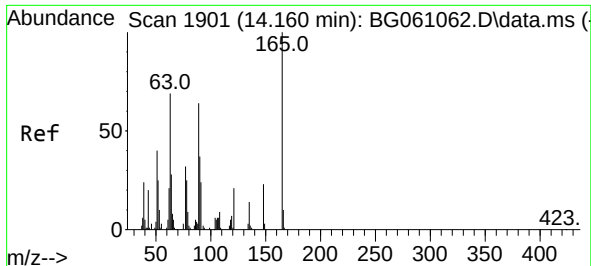
Tgt Ion:330 Resp: 167586
Ion Ratio Lower Upper
330 100
332 98.5 78.6 117.8
141 25.6 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 83.858 ng
RT: 13.178 min Scan# 1734
Delta R.T. -0.030 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:172 Resp: 433345
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 23.1 20.2 30.4

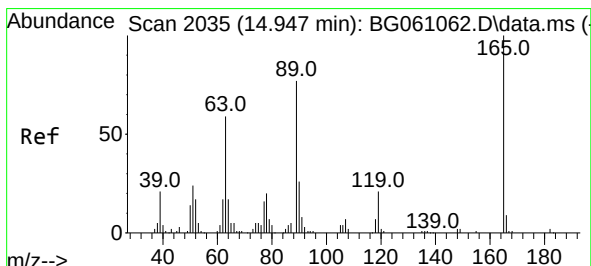
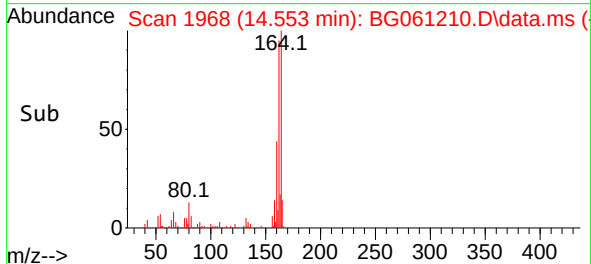
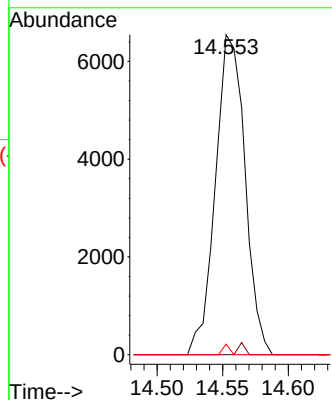
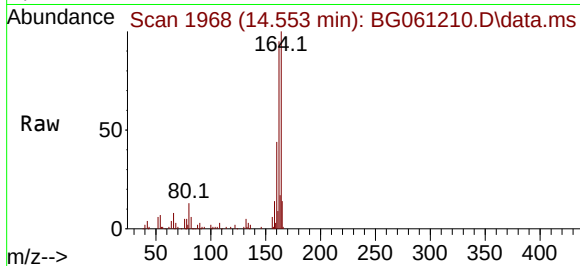




#51
2,6-Dinitrotoluene
Concen: 8.111 ng
RT: 14.553 min Scan# 1901
Delta R.T. 0.393 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

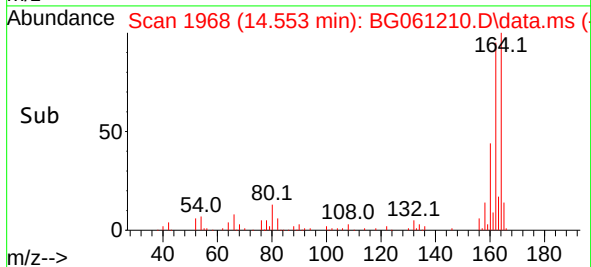
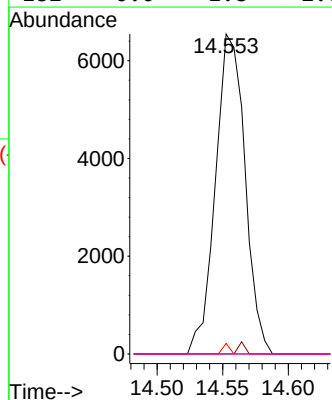
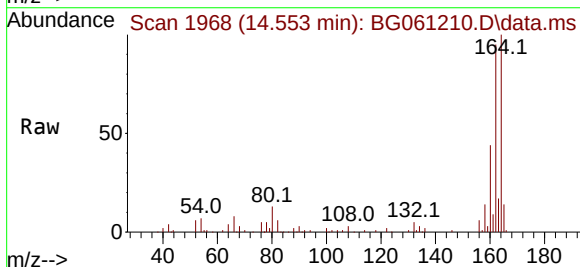
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ClientSampleId :
WC-MH-II

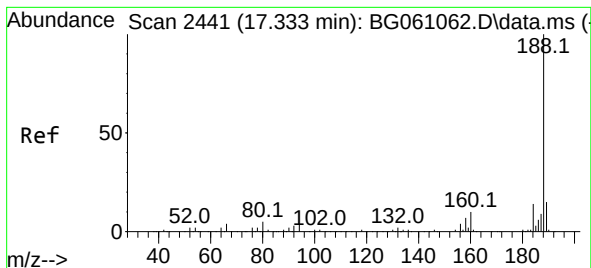
Tgt Ion:165 Resp: 10240
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 3.3 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.482 ng
RT: 14.553 min Scan# 1968
Delta R.T. -0.395 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:165 Resp: 10240
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 3.3 61.8 92.8#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.302 min Scan# 2441

Delta R.T. -0.030 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

Instrument :

BNA_G

ClientSampleId :

WC-MH-II

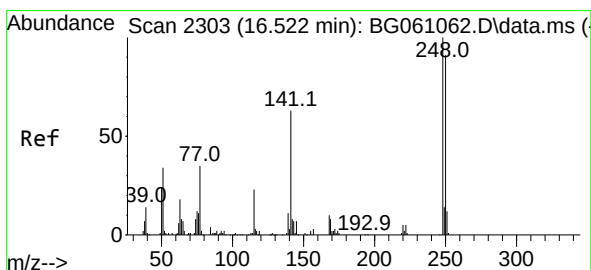
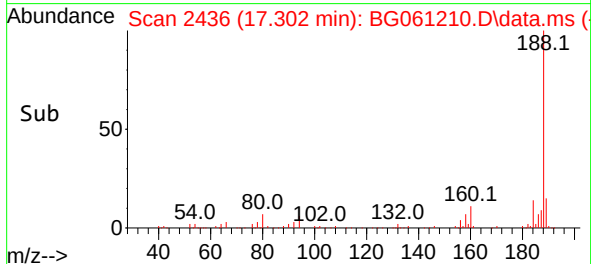
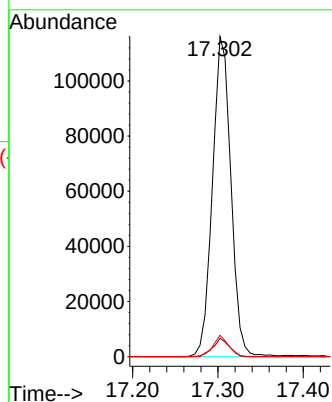
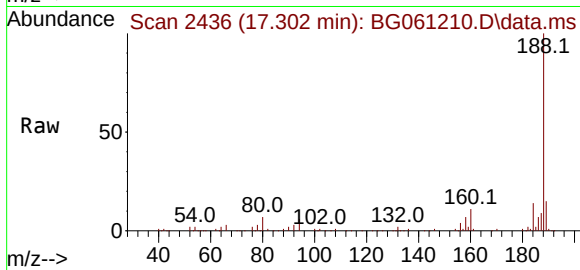
Tgt Ion:188 Resp: 174268

Ion Ratio Lower Upper

188 100

94 5.8 3.6 5.4#

80 6.7 4.2 6.2#



#67

4-Bromophenyl-phenylether

Concen: 4.925 ng

RT: 16.045 min Scan# 2222

Delta R.T. -0.477 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

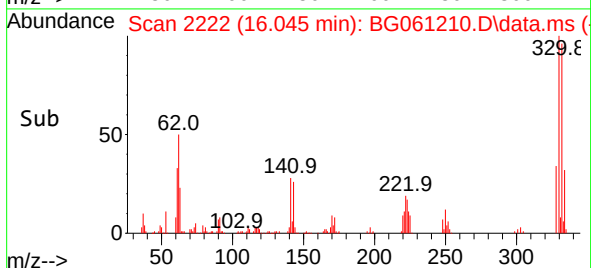
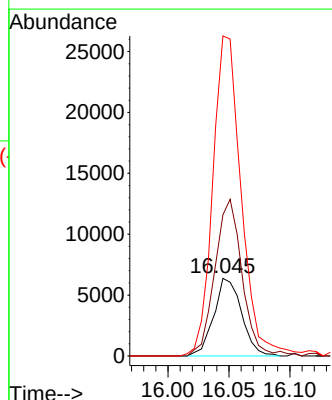
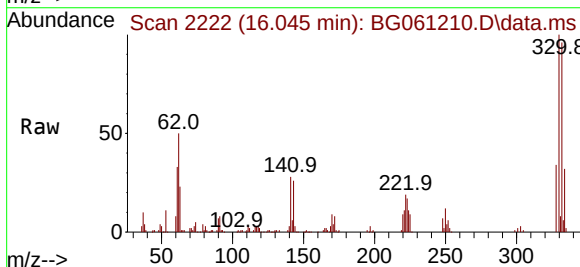
Tgt Ion:248 Resp: 10110

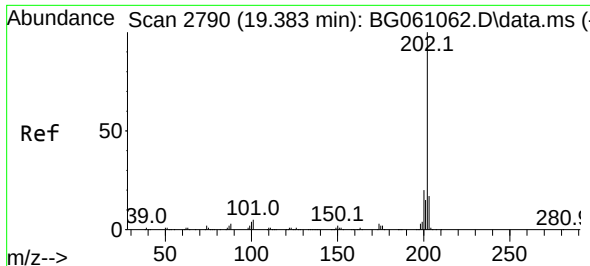
Ion Ratio Lower Upper

248 100

250 181.7 73.0 109.4#

141 412.1 50.8 76.2#

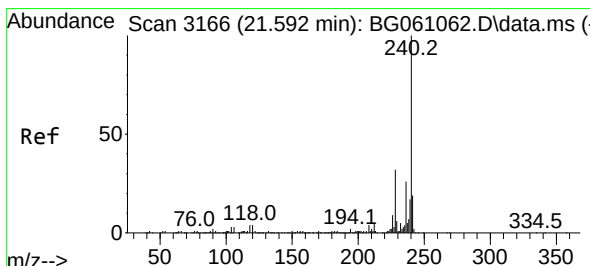
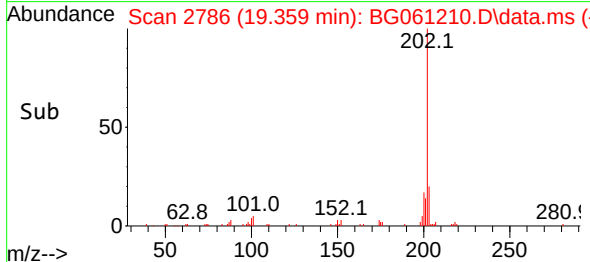
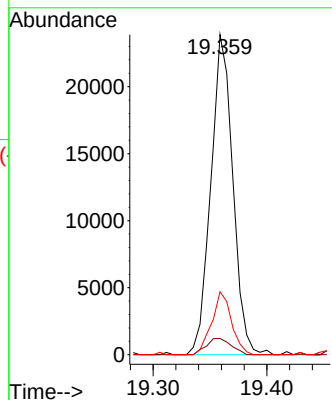
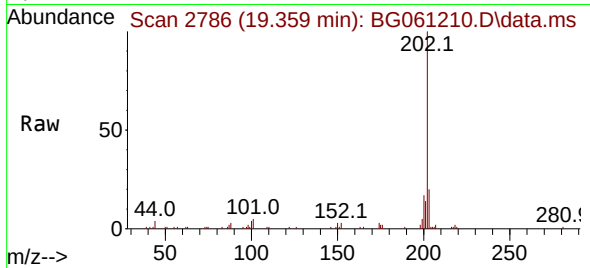




#75
Fluoranthene
Concen: 2.941 ng
RT: 19.359 min Scan# 21
Delta R.T. -0.025 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

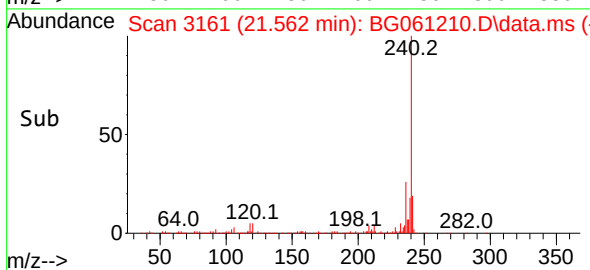
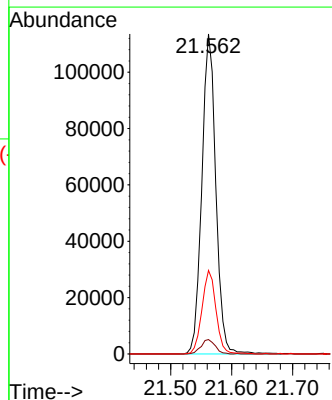
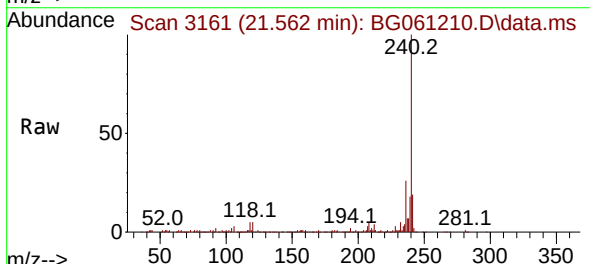
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

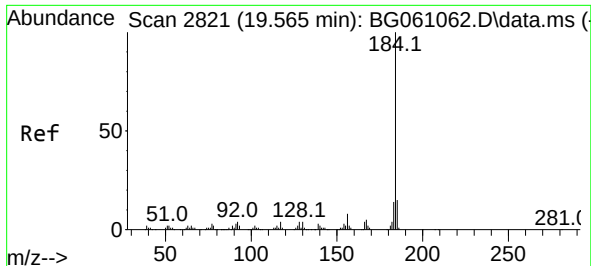
Tgt Ion:202 Resp: 32102
Ion Ratio Lower Upper
202 100
101 5.0 0.0 24.7
203 19.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.562 min Scan# 3161
Delta R.T. -0.030 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:240 Resp: 181229
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 26.1 21.0 31.6

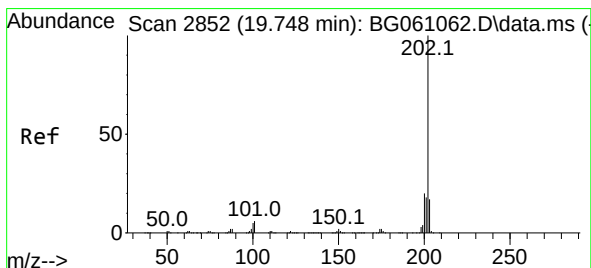
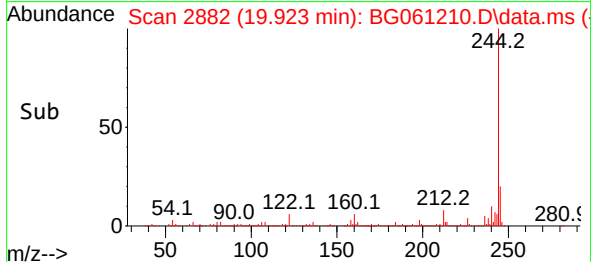
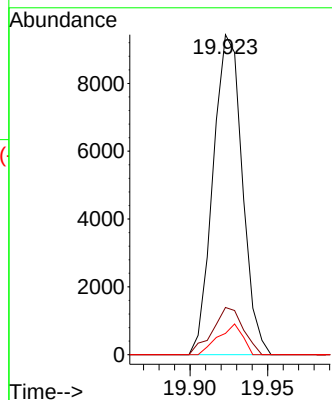
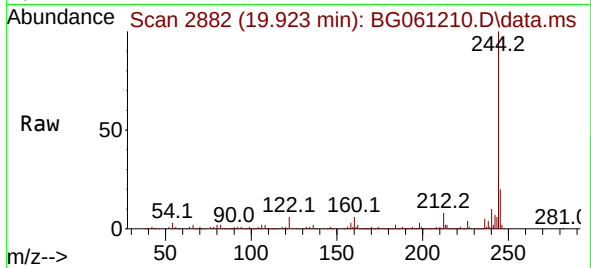




#77
Benzidine
Concen: 6.172 ng
RT: 19.923 min Scan# 21
Delta R.T. 0.358 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

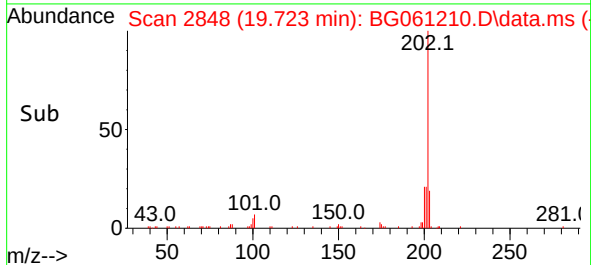
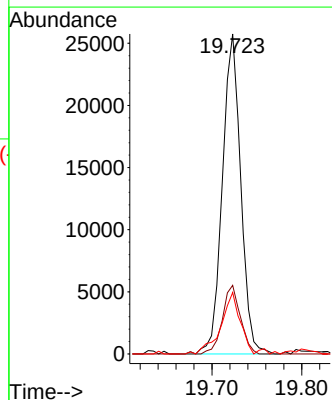
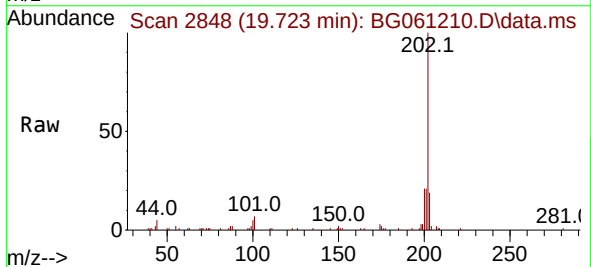
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

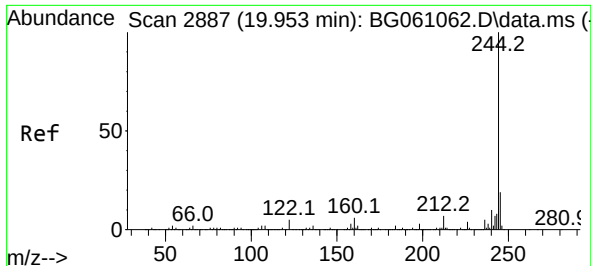
Tgt Ion:184 Resp: 12366
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 6.7 10.9 16.3#



#78
Pyrene
Concen: 3.178 ng
RT: 19.723 min Scan# 2848
Delta R.T. -0.025 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:202 Resp: 36620
Ion Ratio Lower Upper
202 100
200 21.5 16.2 24.4
203 19.2 13.3 19.9

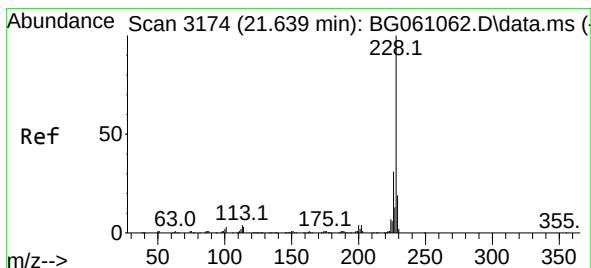
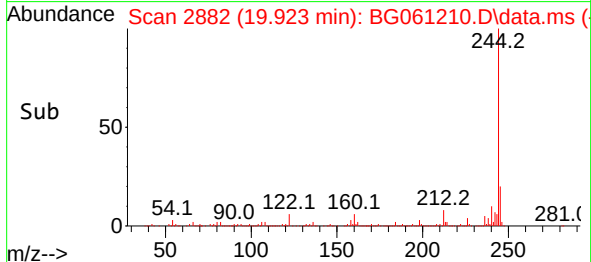
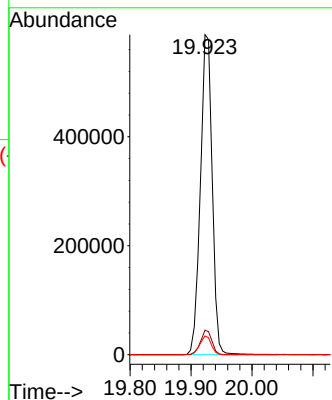
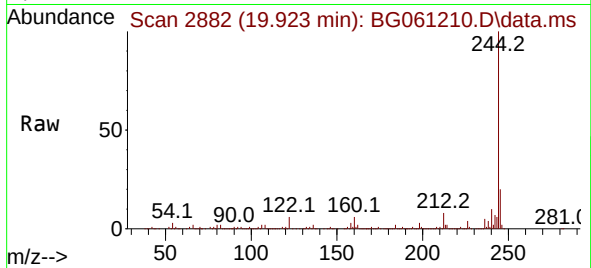




#79
Terphenyl-d14
Concen: 72.640 ng
RT: 19.923 min Scan# 21
Delta R.T. -0.030 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

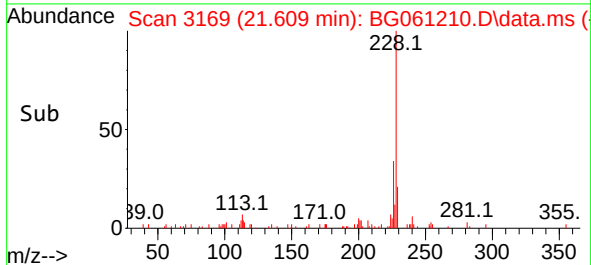
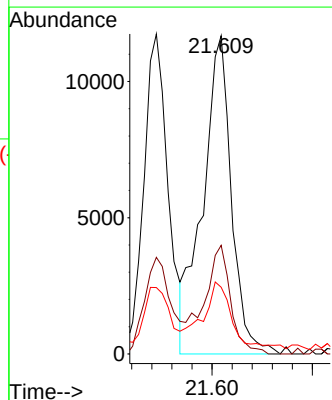
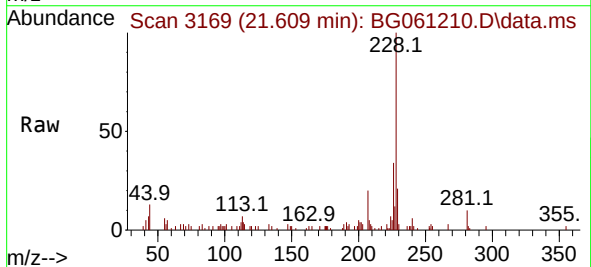
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

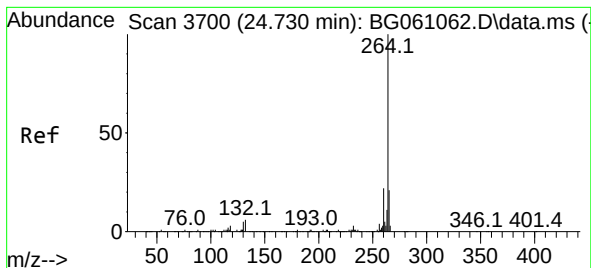
Tgt Ion:244 Resp: 791545
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 5.9 4.2 6.2



#83
Chrysene
Concen: 2.093 ng
RT: 21.609 min Scan# 3169
Delta R.T. -0.030 min
Lab File: BG061210.D
Acq: 15 May 2024 17:43

Tgt Ion:228 Resp: 23251
Ion Ratio Lower Upper
228 100
226 34.1 24.4 36.6
229 20.9 14.8 22.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.688 min Scan# 3

Delta R.T. -0.042 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

Instrument :

BNA_G

ClientSampleId :

WC-MH-II

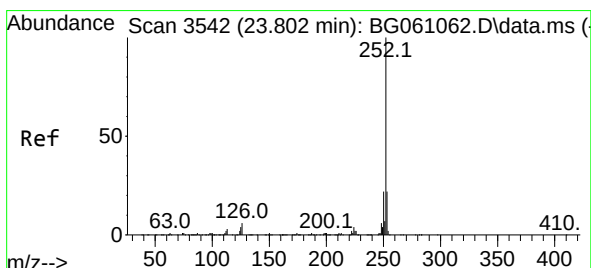
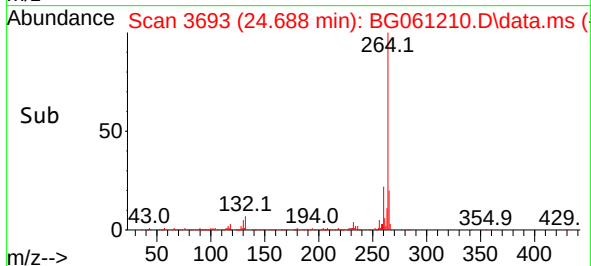
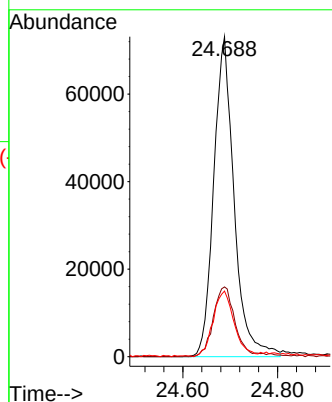
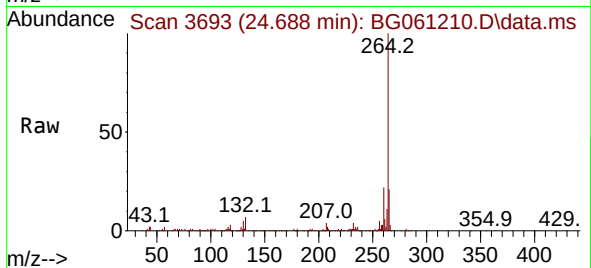
Tgt Ion:264 Resp: 217518

Ion Ratio Lower Upper

264 100

260 21.8 17.7 26.5

265 20.5 16.4 24.6



#89

Benzo(k)fluoranthene

Concen: 2.027 ng

RT: 23.695 min Scan# 3524

Delta R.T. -0.107 min

Lab File: BG061210.D

Acq: 15 May 2024 17:43

Tgt Ion:252 Resp: 23698

Ion Ratio Lower Upper

252 100

253 23.6 17.3 25.9

125 5.7 3.2 4.8#

