

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061208.D
 Acq On : 15 May 2024 16:21
 Operator : MA/JU
 Sample : P2469-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-A

Quant Time: May 15 16:56:54 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)

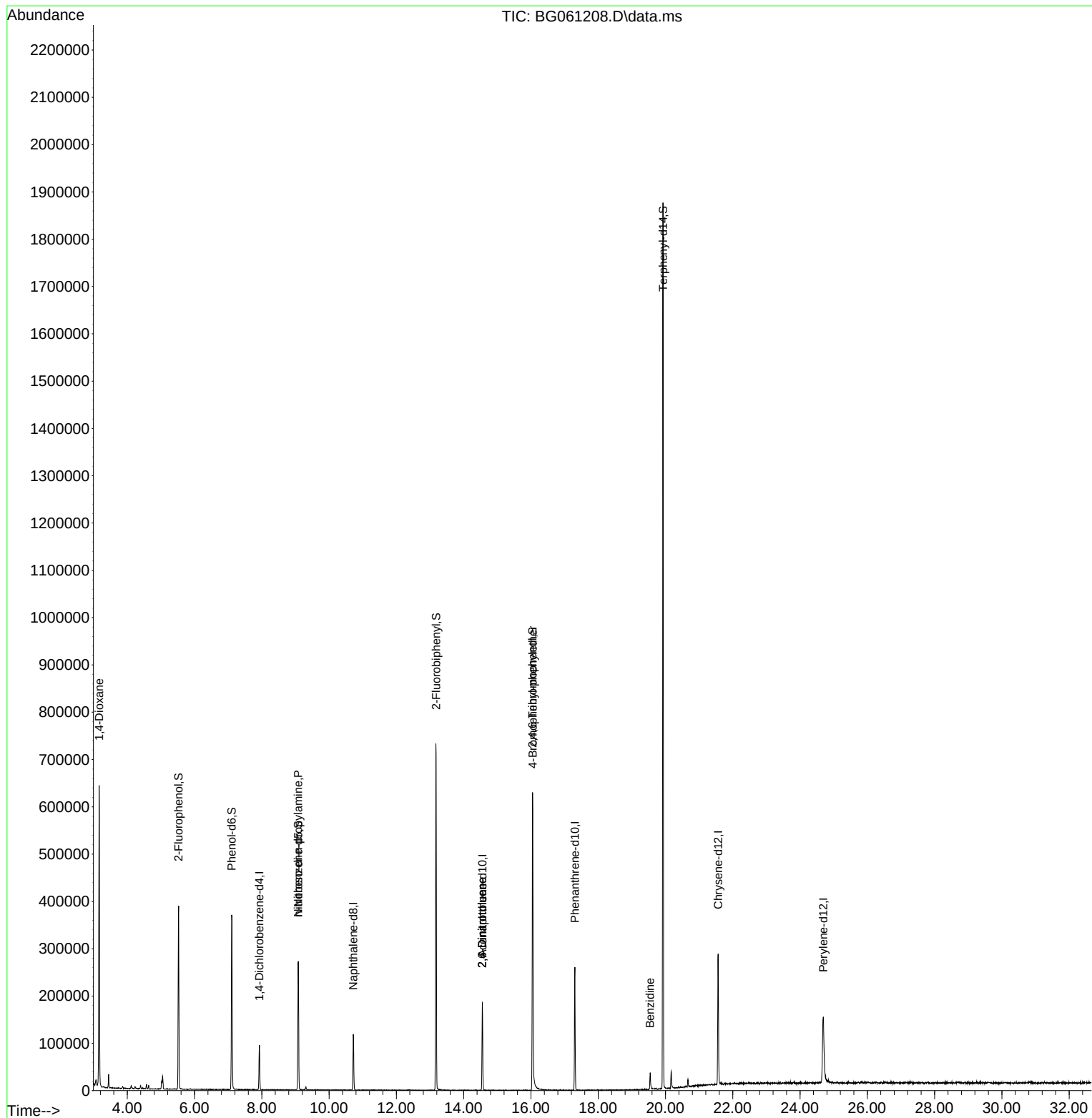
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	23769	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	92365	20.000	ng	#-0.04
39) Acenaphthene-d10	14.557	164	71543	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	168912	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	177695	20.000	ng	-0.03
86) Perylene-d12	24.692	264	207324	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	134209	114.833	ng	-0.02
7) Phenol-d6	7.106	99	168460	97.436	ng	-0.03
23) Nitrobenzene-d5	9.081	82	138656	74.417	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	161442	112.895	ng	-0.03
45) 2-Fluorobiphenyl	13.182	172	383157	79.194	ng	-0.03
79) Terphenyl-d14	19.927	244	974928	91.249	ng	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	4237	8.966	ng	# 1
9) Benzaldehyde	7.101	77	336	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.081	70	21689	16.763	ng	# 61
51) 2,6-Dinitrotoluene	14.551	165	9204	7.787	ng	# 15
57) 2,4-Dinitrotoluene	14.551	165	9204	5.263	ng	# 17
67) 4-Bromophenyl-phenylether	16.055	248	9874	4.962	ng	# 1
77) Benizidine	19.545	184	28397	10.704	ng	97

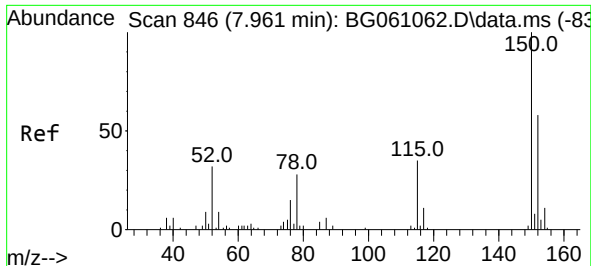
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
Data File : BG061208.D
Acq On : 15 May 2024 16:21
Operator : MA/JU
Sample : P2469-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-A

Quant Time: May 15 16:56:54 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

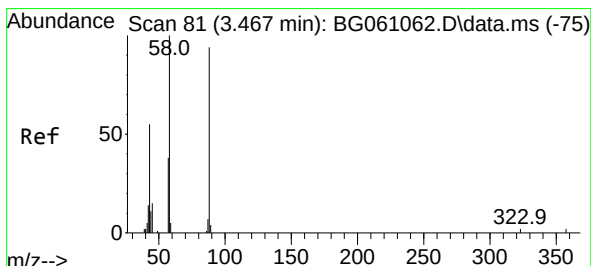
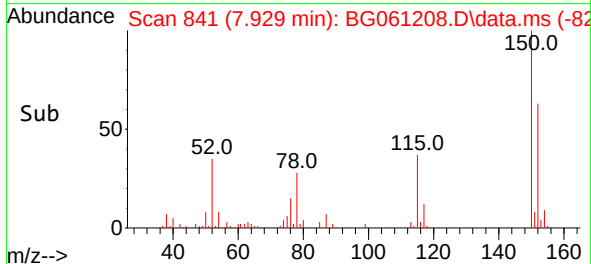
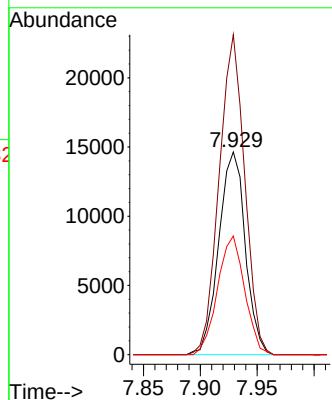
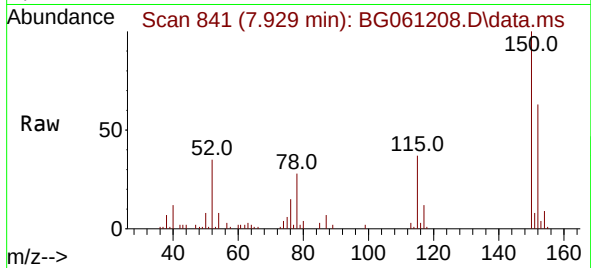




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.929 min Scan# 84
 Delta R.T. -0.032 min
 Lab File: BG061208.D
 Acq: 15 May 2024 16:21

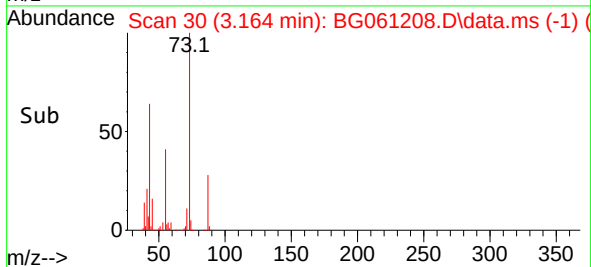
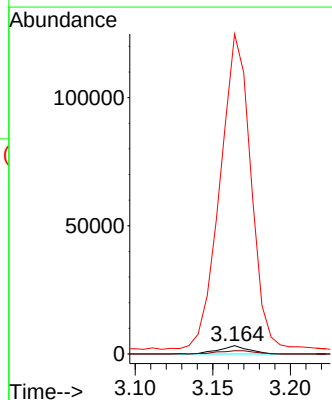
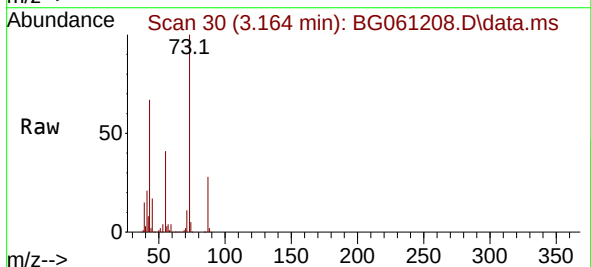
Instrument :
 BNA_G
 ClientSampleId :
 MH-A

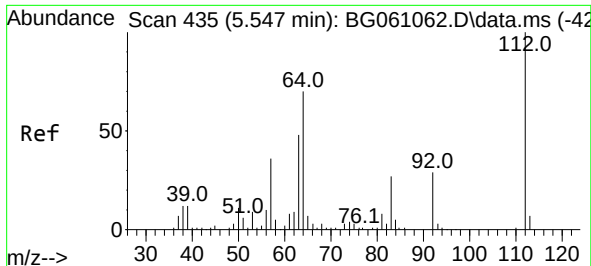
Tgt Ion:152 Resp: 23769
 Ion Ratio Lower Upper
 152 100
 150 157.8 138.3 207.5
 115 58.6 48.0 72.0



#2
 1,4-Dioxane
 Concen: 8.966 ng
 RT: 3.164 min Scan# 30
 Delta R.T. -0.303 min
 Lab File: BG061208.D
 Acq: 15 May 2024 16:21

Tgt Ion: 88 Resp: 4237
 Ion Ratio Lower Upper
 88 100
 58 50.4 81.2 121.8#
 43 4084.6 45.0 67.4#

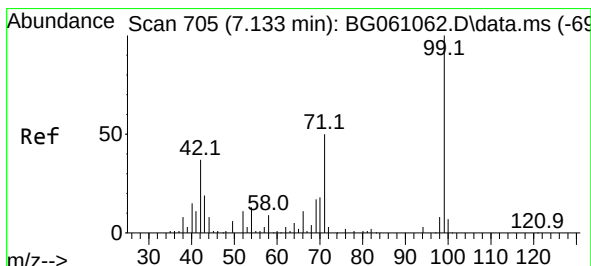
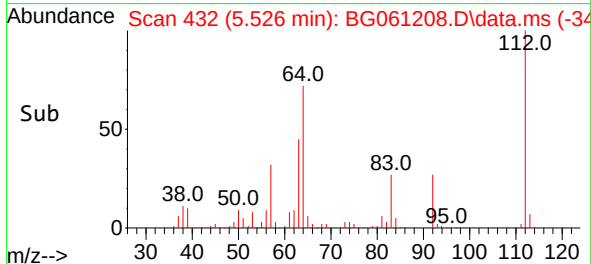
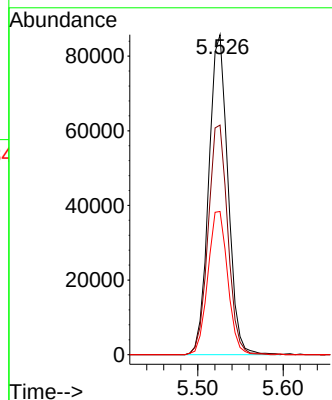
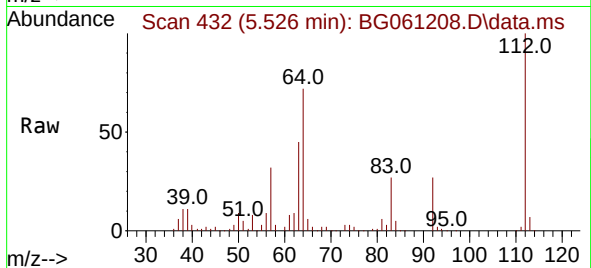




#5
2-Fluorophenol
Concen: 114.833 ng
RT: 5.526 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

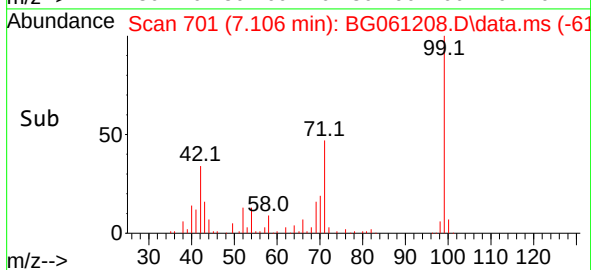
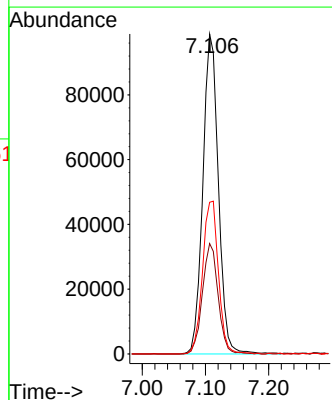
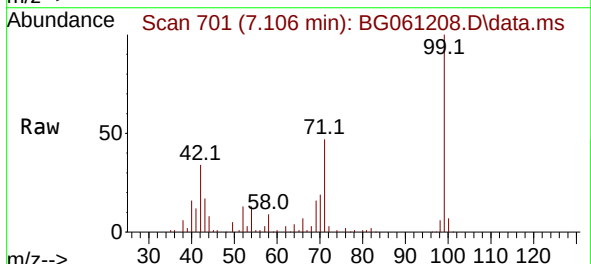
Instrument :
BNA_G
ClientSampleId :
MH-A

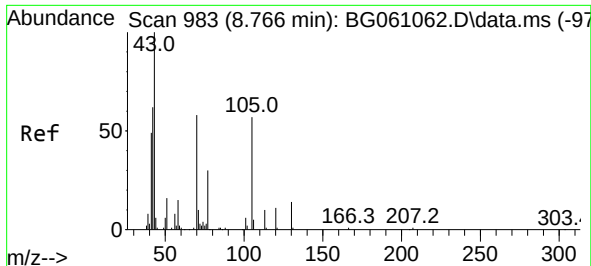
Tgt Ion:112 Resp: 134209
Ion Ratio Lower Upper
112 100
64 71.8 55.7 83.5
63 44.8 38.1 57.1



#7
Phenol-d6
Concen: 97.436 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.026 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion: 99 Resp: 168460
Ion Ratio Lower Upper
99 100
42 34.5 29.2 43.8
71 47.4 39.7 59.5

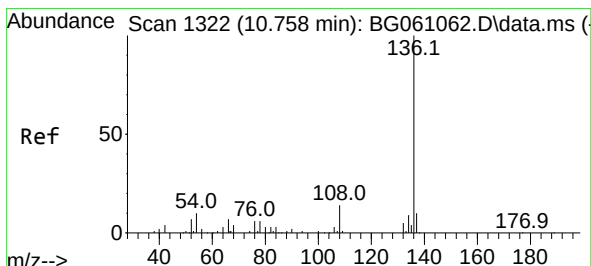
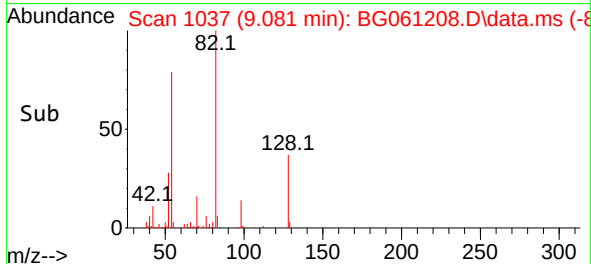
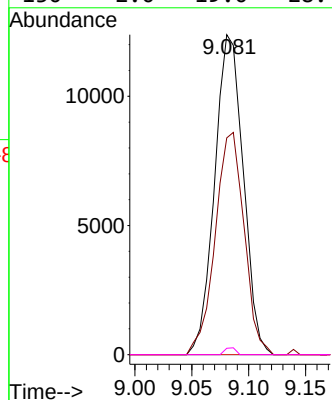
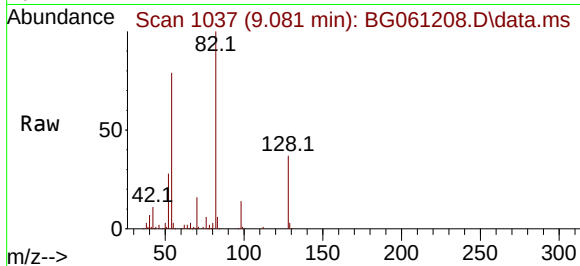




#19
n-Nitroso-di-n-propylamine
Concen: 16.763 ng
RT: 9.081 min Scan# 11
Delta R.T. 0.314 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

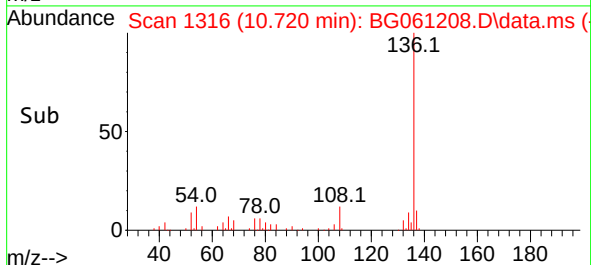
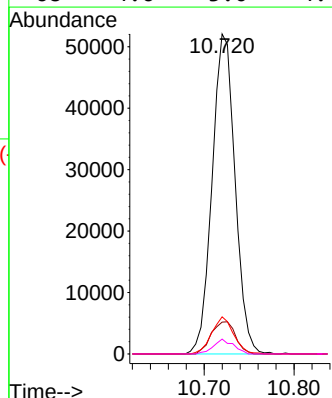
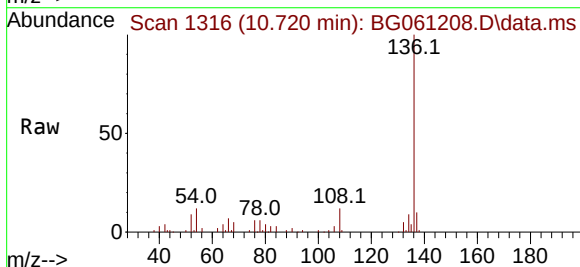
Instrument :
BNA_G
ClientSampleId :
MH-A

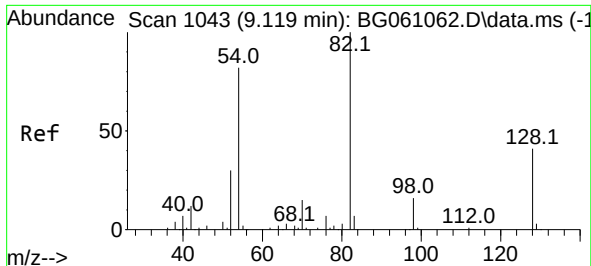
Tgt Ion: 70 Resp: 21689
Ion Ratio Lower Upper
70 100
42 67.7 86.4 129.6#
101 0.0 7.8 11.8#
130 2.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.038 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion: 136 Resp: 92365
Ion Ratio Lower Upper
136 100
137 10.0 7.8 11.6
54 11.6 8.1 12.1
68 4.6 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 74.417 ng

RT: 9.081 min Scan# 1

Delta R.T. -0.038 min

Lab File: BG061208.D

Acq: 15 May 2024 16:21

Instrument :

BNA_G

ClientSampleId :

MH-A

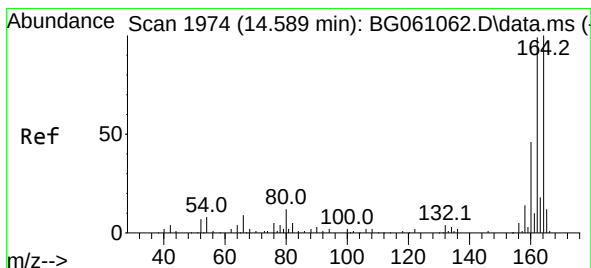
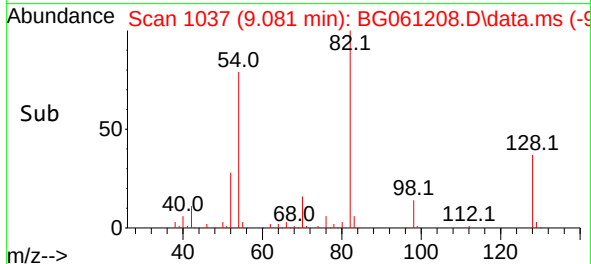
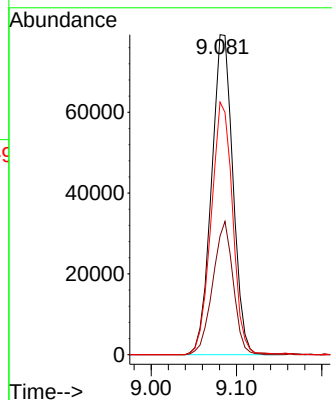
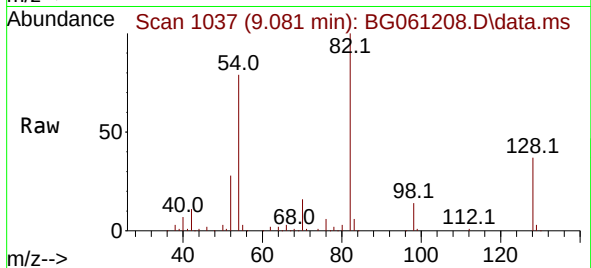
Tgt Ion: 82 Resp: 138656

Ion Ratio Lower Upper

82 100

128 37.1 32.7 49.1

54 78.9 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.032 min

Lab File: BG061208.D

Acq: 15 May 2024 16:21

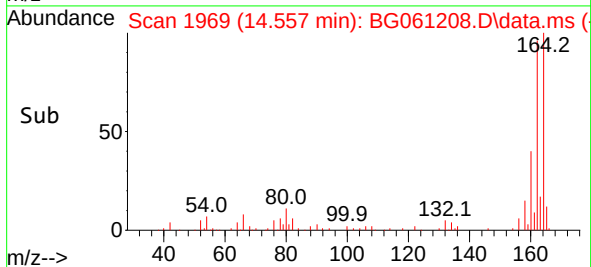
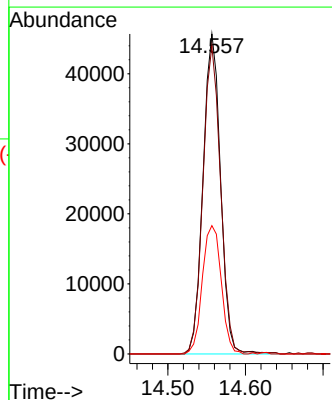
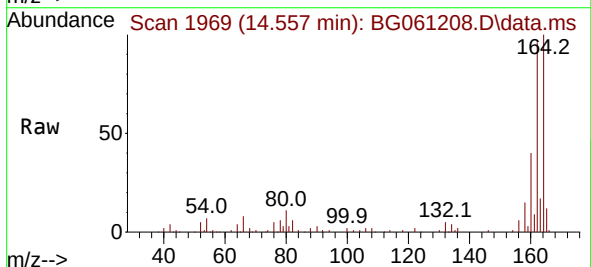
Tgt Ion:164 Resp: 71543

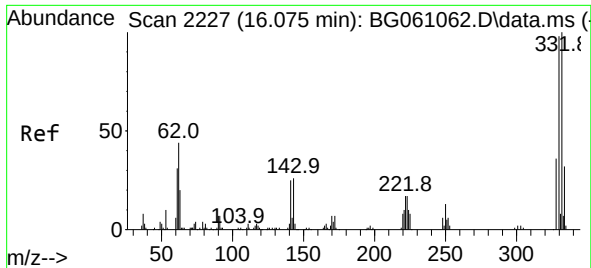
Ion Ratio Lower Upper

164 100

162 96.2 79.4 119.2

160 40.1 37.0 55.6

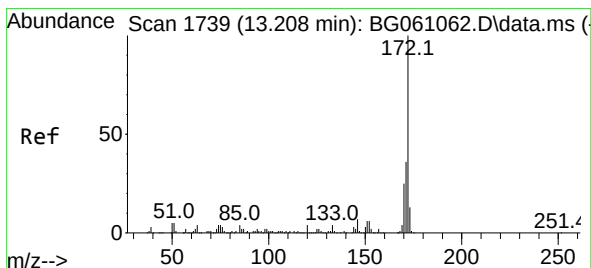
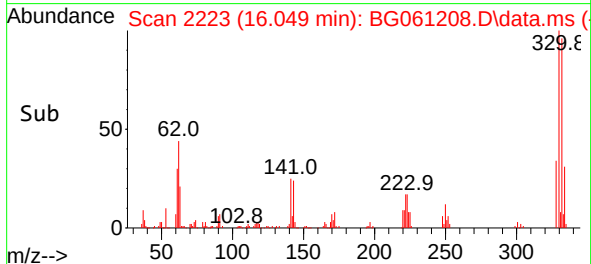
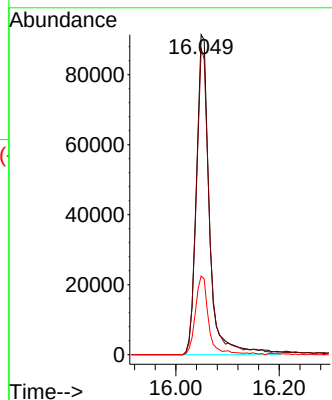
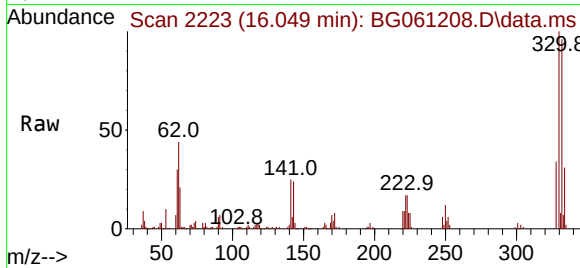




#42
2,4,6-Tribromophenol
Concen: 112.895 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.026 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

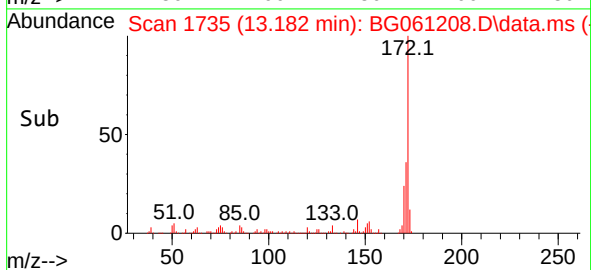
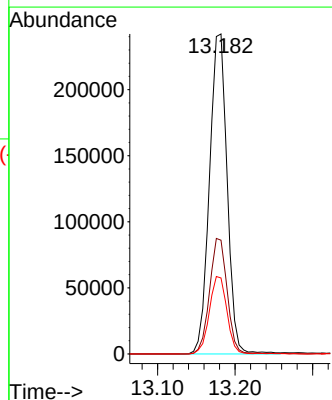
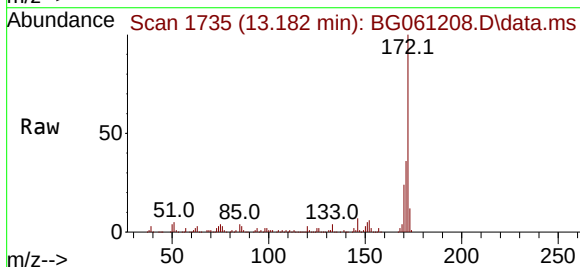
Instrument :
BNA_G
ClientSampleId :
MH-A

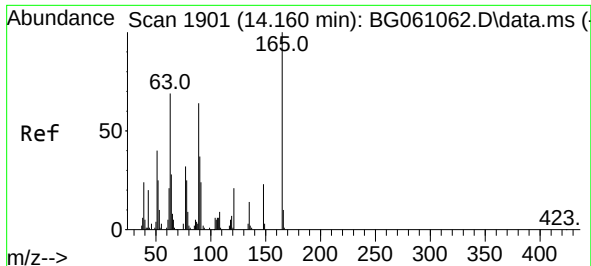
Tgt Ion:330 Resp: 161442
Ion Ratio Lower Upper
330 100
332 94.1 78.6 117.8
141 24.5 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 79.194 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion:172 Resp: 383157
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.8 20.2 30.4

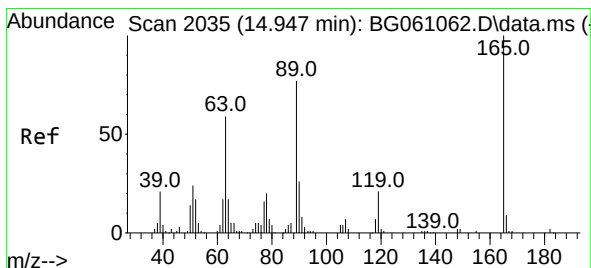
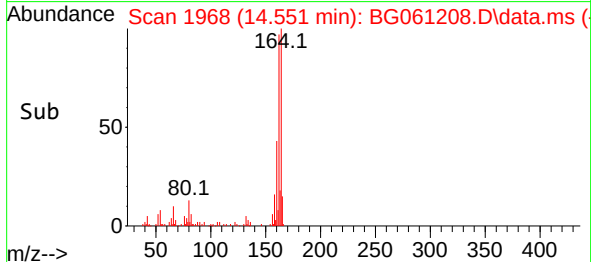
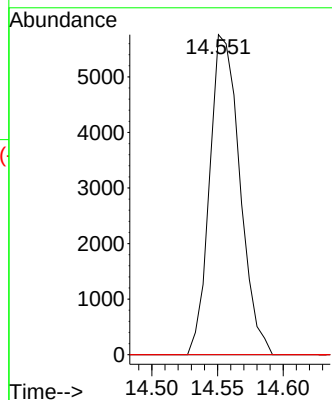
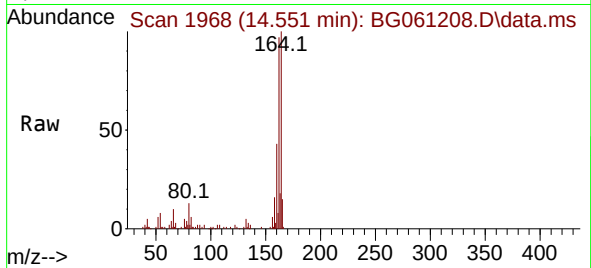




#51
2,6-Dinitrotoluene
Concen: 7.787 ng
RT: 14.551 min Scan# 1901
Delta R.T. 0.391 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

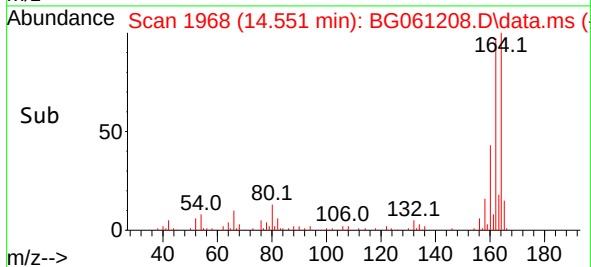
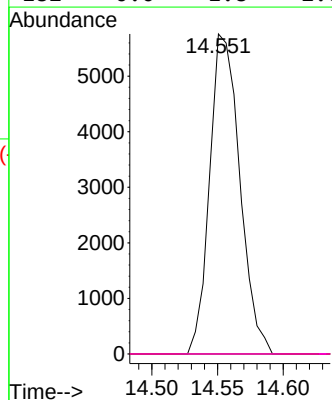
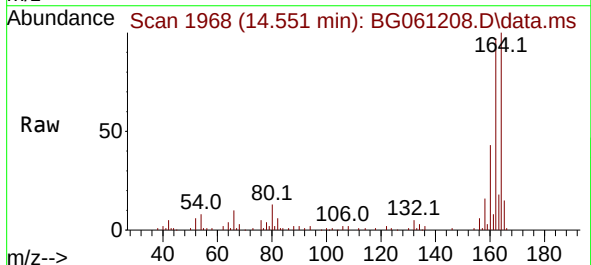
Instrument :
BNA_G
ClientSampleId :
MH-A

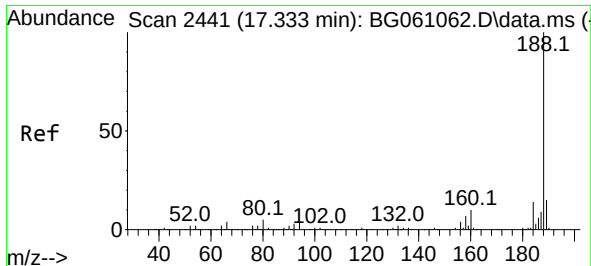
Tgt Ion:165 Resp: 9204
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.263 ng
RT: 14.551 min Scan# 1968
Delta R.T. -0.397 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion:165 Resp: 9204
Ion Ratio Lower Upper
165 100
63 0.0 47.3 70.9#
89 0.0 61.8 92.8#
182 0.0 1.8 2.6#

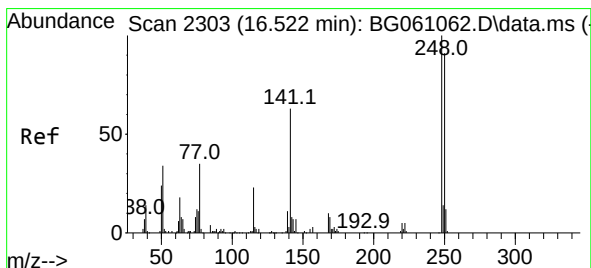
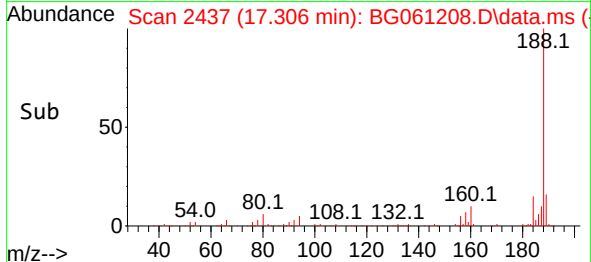
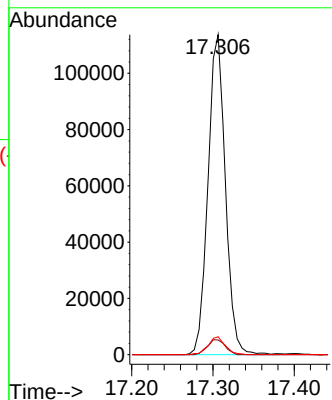
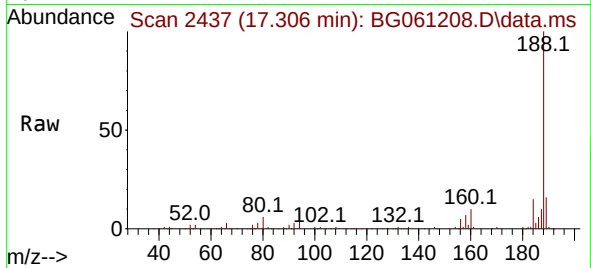




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

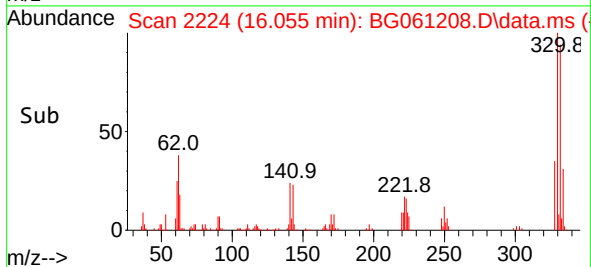
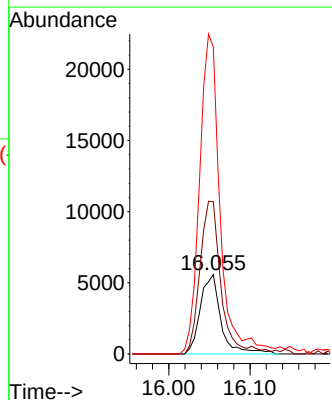
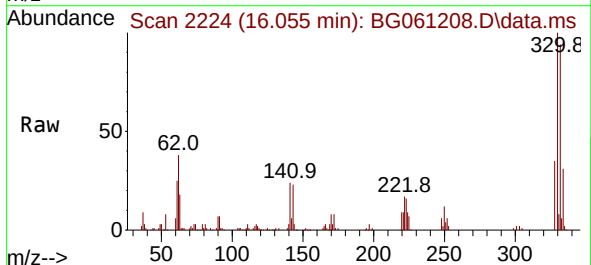
Instrument :
BNA_G
ClientSampleId :
MH-A

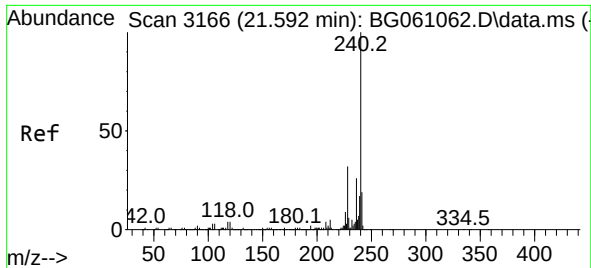
Tgt Ion:188 Resp: 168912
Ion Ratio Lower Upper
188 100
94 4.6 3.6 5.4
80 5.6 4.2 6.2



#67
4-Bromophenyl-phenylether
Concen: 4.962 ng
RT: 16.055 min Scan# 2224
Delta R.T. -0.467 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion:248 Resp: 9874
Ion Ratio Lower Upper
248 100
250 191.8 73.0 109.4#
141 386.5 50.8 76.2#

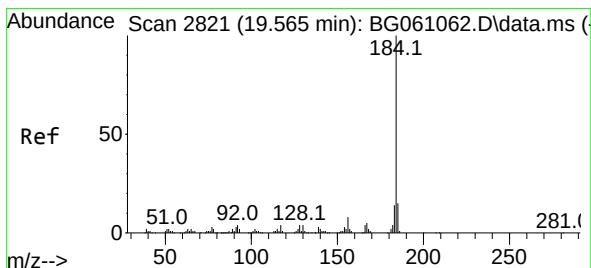
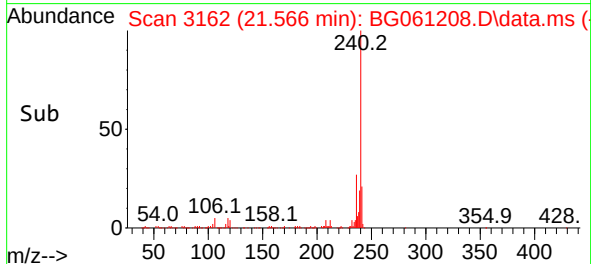
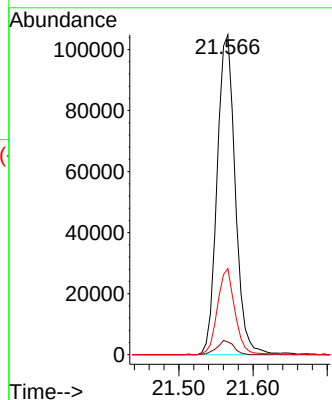
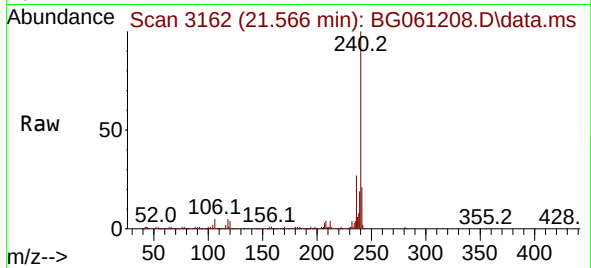




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3166
Delta R.T. -0.026 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

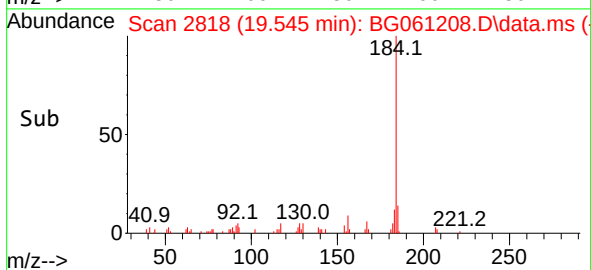
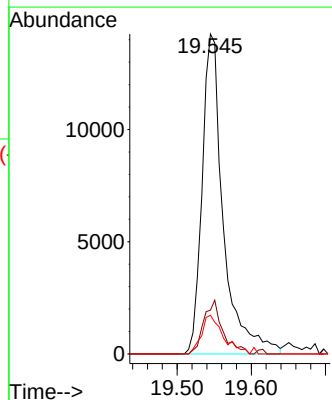
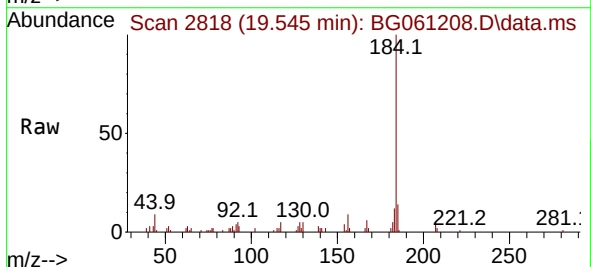
Instrument :
BNA_G
ClientSampleId :
MH-A

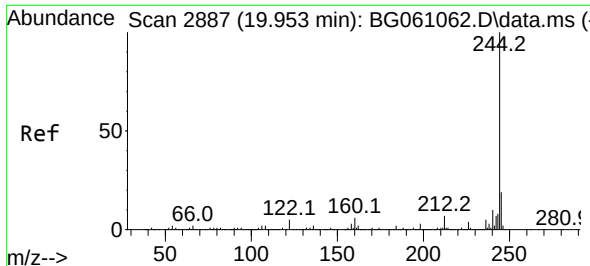
Tgt Ion:240 Resp: 177695
Ion Ratio Lower Upper
240 100
120 4.0 3.2 4.8
236 26.9 21.0 31.6



#77
Benzidine
Concen: 10.704 ng
RT: 19.545 min Scan# 2818
Delta R.T. -0.020 min
Lab File: BG061208.D
Acq: 15 May 2024 16:21

Tgt Ion:184 Resp: 28397
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 12.1 10.9 16.3

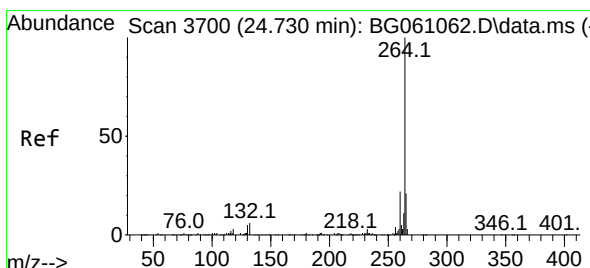
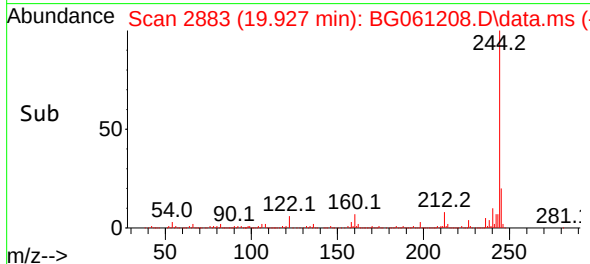
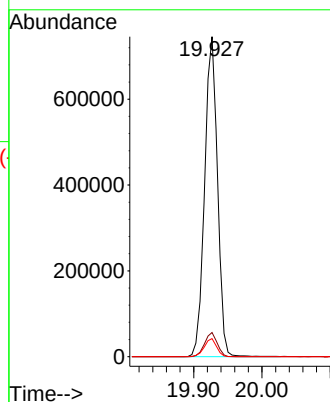
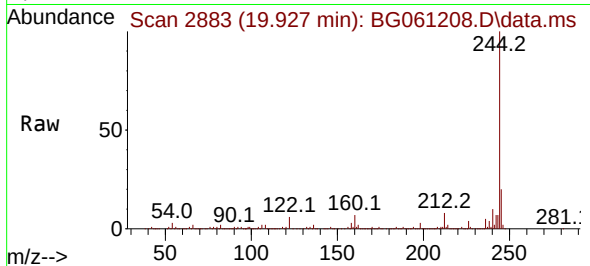




#79
 Terphenyl-d14
 Concen: 91.249 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BG061208.D
 Acq: 15 May 2024 16:21

Instrument :
 BNA_G
 ClientSampleId :
 MH-A

Tgt Ion:244 Resp: 974928
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.7 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.038 min
 Lab File: BG061208.D
 Acq: 15 May 2024 16:21

Tgt Ion:264 Resp: 207324
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.7 26.5
 265 22.4 16.4 24.6

