

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
 Data File : BG061207.D
 Acq On : 15 May 2024 15:40
 Operator : MA/JU
 Sample : P2468-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-II

Quant Time: May 15 16:23:56 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)

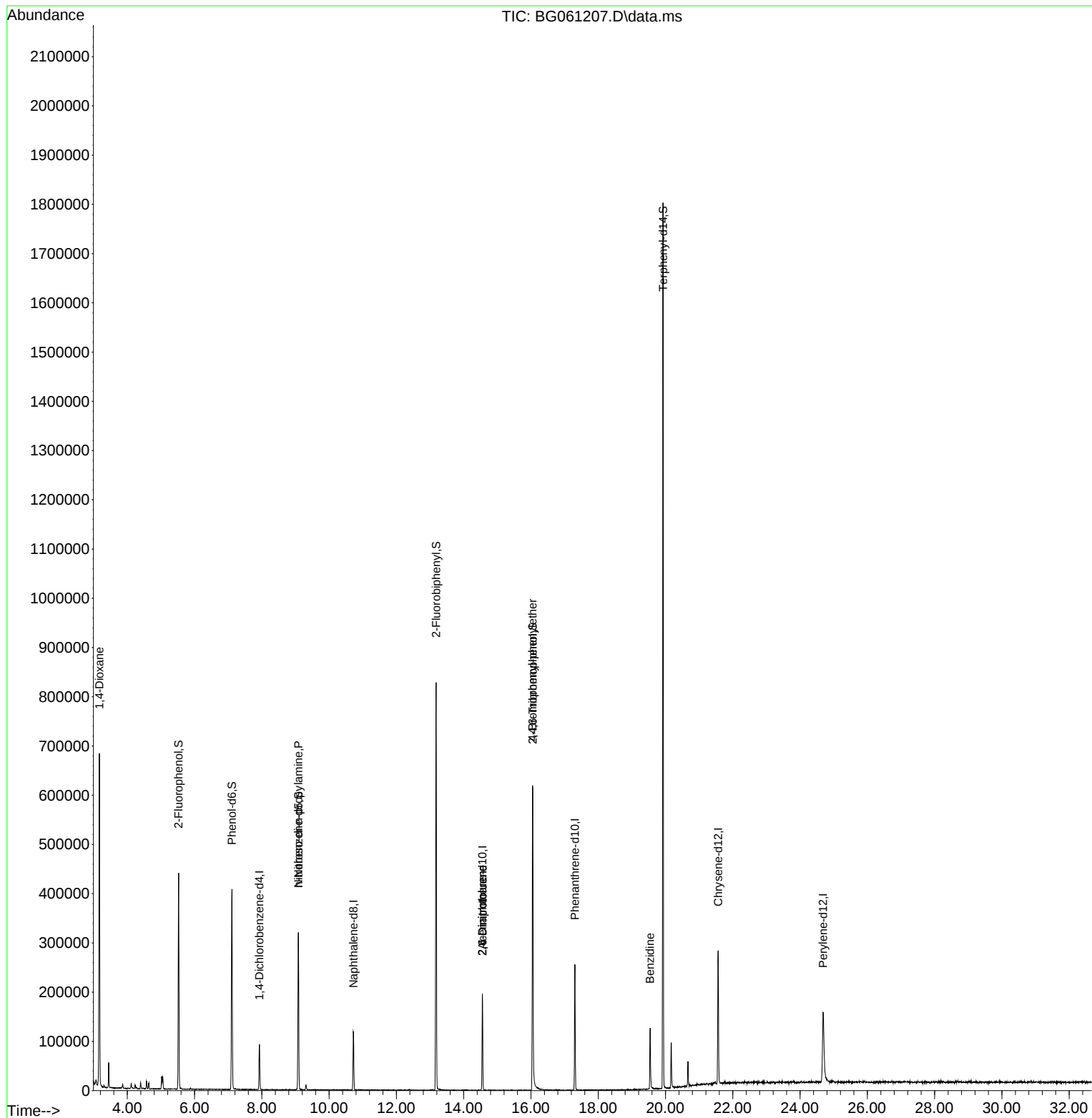
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	23444	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	93040	20.000	ng	-0.03
39) Acenaphthene-d10	14.556	164	71460	20.000	ng	-0.03
64) Phenanthrene-d10	17.305	188	168870	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	177237	20.000	ng	-0.03
86) Perylene-d12	24.685	264	206636	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	148887	129.158	ng	-0.02
7) Phenol-d6	7.112	99	183811	107.789	ng	-0.02
23) Nitrobenzene-d5	9.086	82	164980	87.902	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	159790	111.870	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	441368	91.332	ng	-0.03
79) Terphenyl-d14	19.926	244	948462	89.001	ng	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	4697	10.077	ng	# 1
9) Benzaldehyde	7.094	77	504	Below Cal		# 3
19) n-Nitroso-di-n-propyla...	9.086	70	23977	18.788	ng	# 68
51) 2,6-Dinitrotoluene	14.562	165	9194	7.788	ng	# 15
57) 2,4-Dinitrotoluene	14.562	165	9194	5.264	ng	# 17
67) 4-Bromophenyl-phenylether	16.048	248	9595	4.823	ng	# 1
77) Benzydine	19.544	184	86019	26.815	ng	98

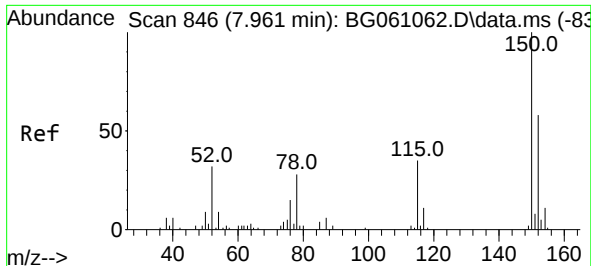
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051524\
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QLast Update : Wed May 01 05:11:25 2024
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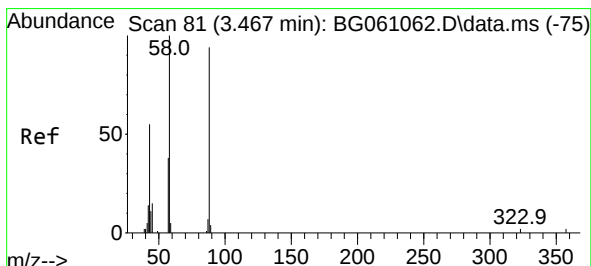
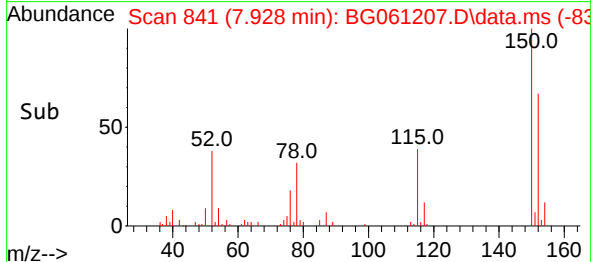
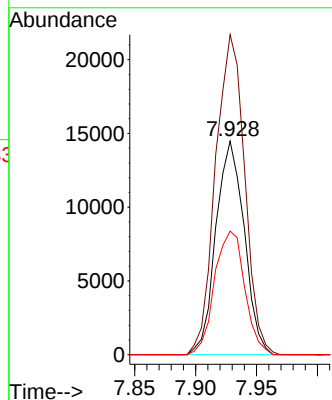
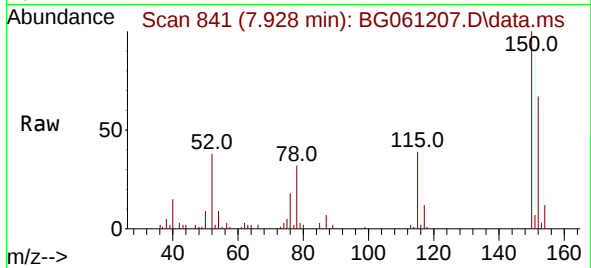




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.928 min Scan# 84
 Delta R.T. -0.033 min
 Lab File: BG061207.D
 Acq: 15 May 2024 15:40

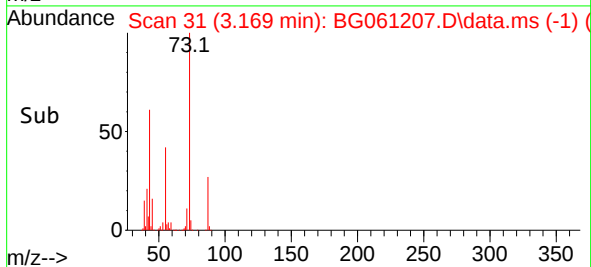
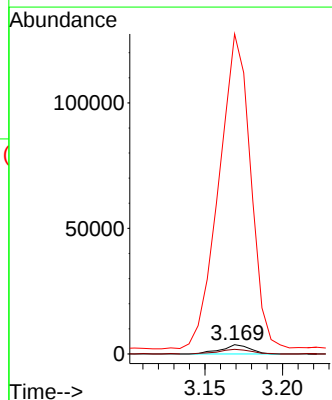
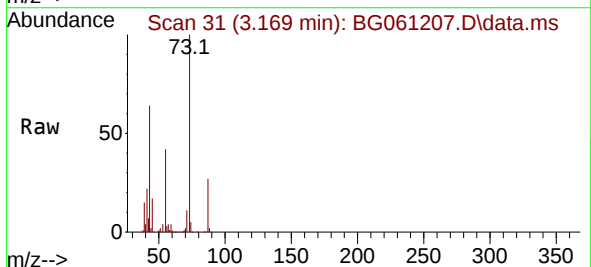
Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-II

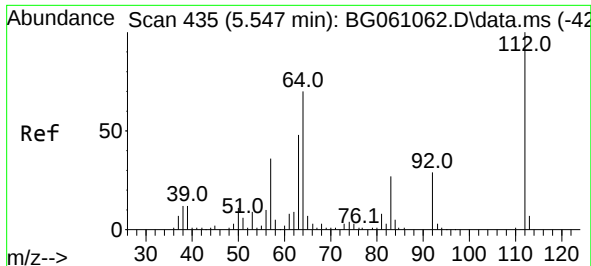
Tgt Ion:152 Resp: 23444
 Ion Ratio Lower Upper
 152 100
 150 149.9 138.3 207.5
 115 57.8 48.0 72.0



#2
 1,4-Dioxane
 Concen: 10.077 ng
 RT: 3.169 min Scan# 31
 Delta R.T. -0.298 min
 Lab File: BG061207.D
 Acq: 15 May 2024 15:40

Tgt Ion: 88 Resp: 4697
 Ion Ratio Lower Upper
 88 100
 58 57.5 81.2 121.8#
 43 3797.6 45.0 67.4#

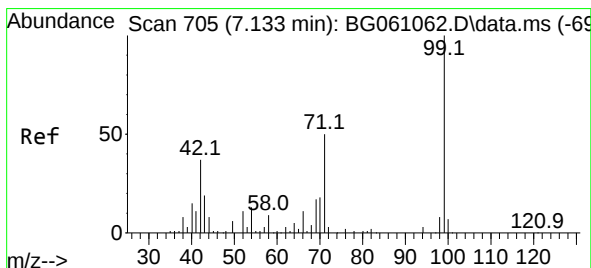
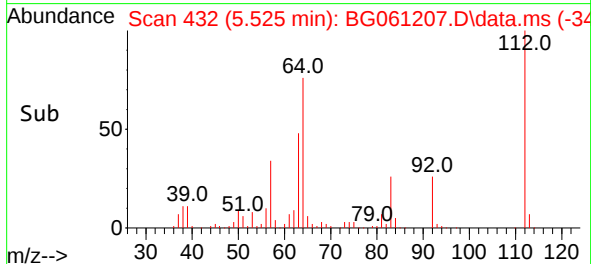
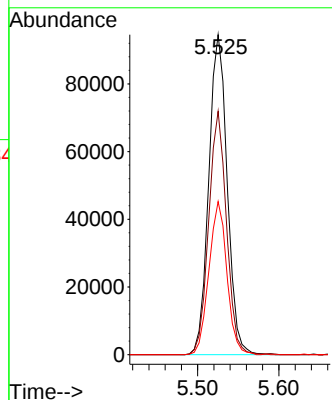
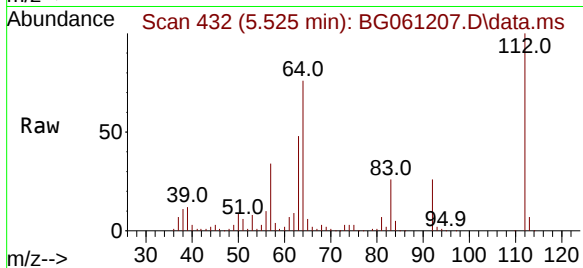




#5
2-Fluorophenol
Concen: 129.158 ng
RT: 5.525 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

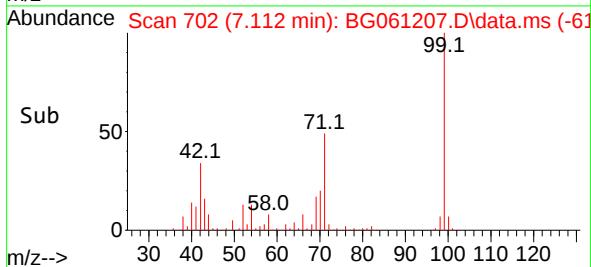
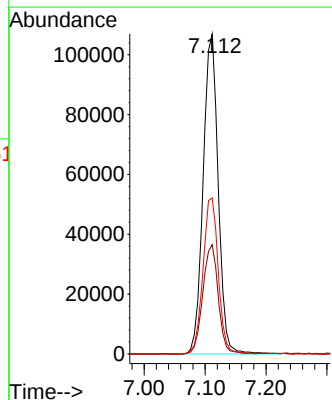
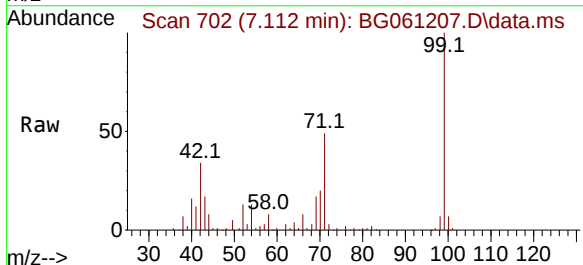
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

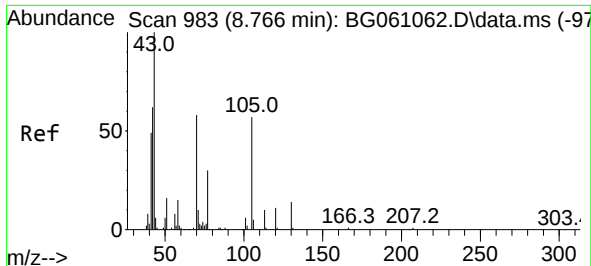
Tgt Ion:112 Resp: 148887
Ion Ratio Lower Upper
112 100
64 76.1 55.7 83.5
63 47.9 38.1 57.1



#7
Phenol-d6
Concen: 107.789 ng
RT: 7.112 min Scan# 702
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion: 99 Resp: 183811
Ion Ratio Lower Upper
99 100
42 34.2 29.2 43.8
71 48.7 39.7 59.5

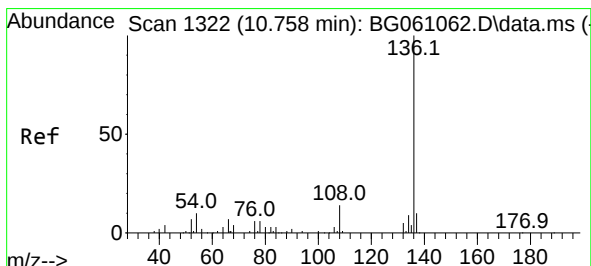
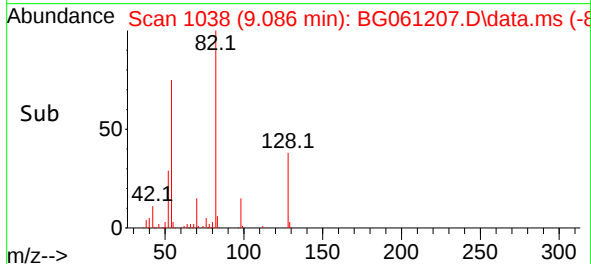
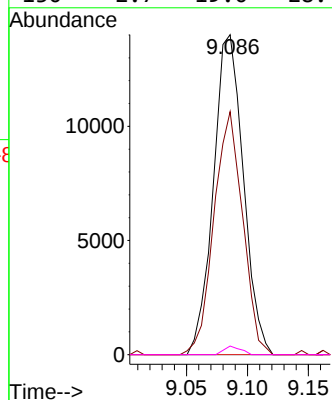
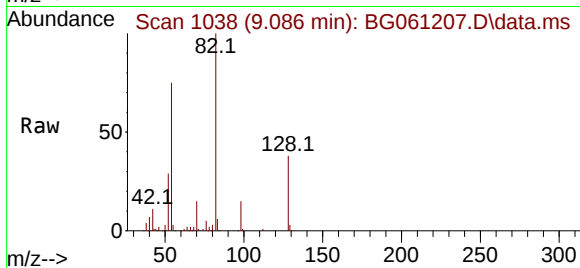




#19
n-Nitroso-di-n-propylamine
Concen: 18.788 ng
RT: 9.086 min Scan# 1038
Delta R.T. 0.319 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

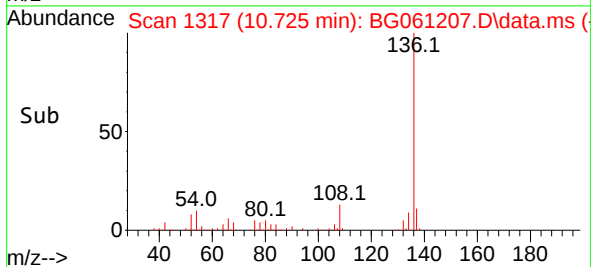
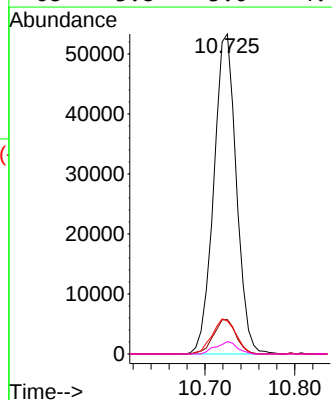
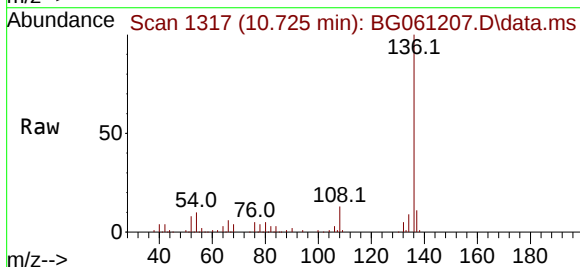
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

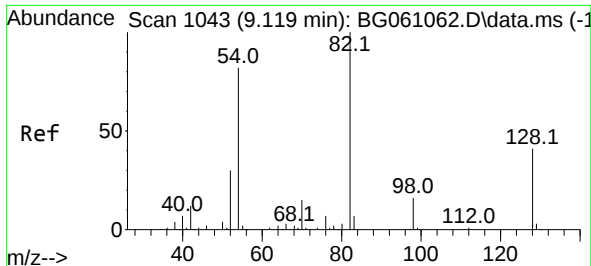
Tgt Ion: 70 Resp: 23977
Ion Ratio Lower Upper
70 100
42 75.9 86.4 129.6#
101 0.0 7.8 11.8#
130 2.7 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1317
Delta R.T. -0.033 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion: 136 Resp: 93040
Ion Ratio Lower Upper
136 100
137 10.7 7.8 11.6
54 10.3 8.1 12.1
68 3.8 3.0 4.4





#23

Nitrobenzene-d5

Concen: 87.902 ng

RT: 9.086 min Scan# 1043

Delta R.T. -0.033 min

Lab File: BG061207.D

Acq: 15 May 2024 15:40

Instrument :

BNA_G

ClientSampleId :

WC-MH-II

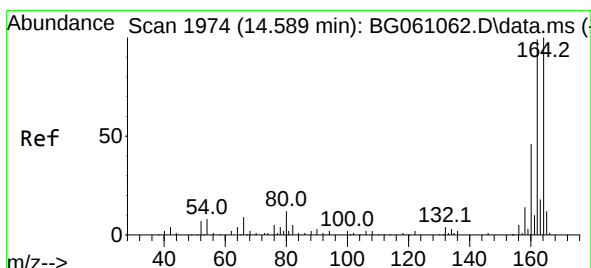
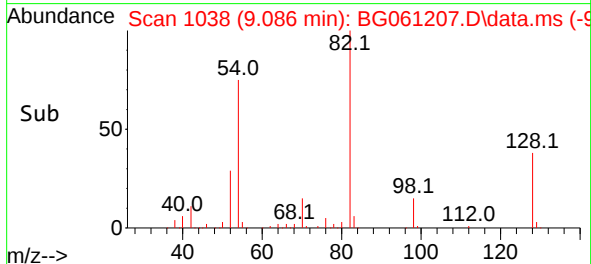
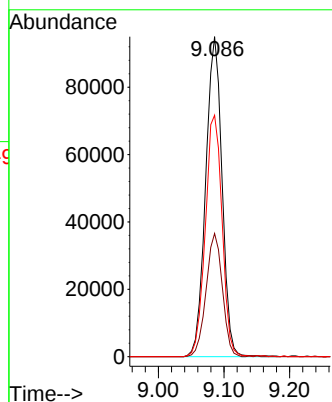
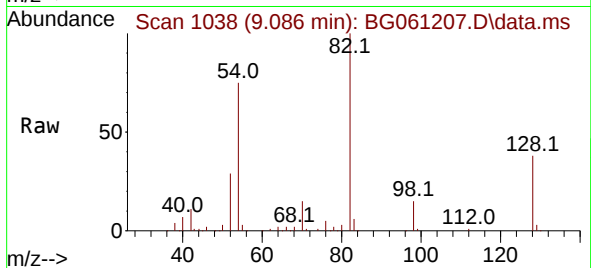
Tgt Ion: 82 Resp: 164980

Ion Ratio Lower Upper

82 100

128 38.5 32.7 49.1

54 75.4 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1969

Delta R.T. -0.033 min

Lab File: BG061207.D

Acq: 15 May 2024 15:40

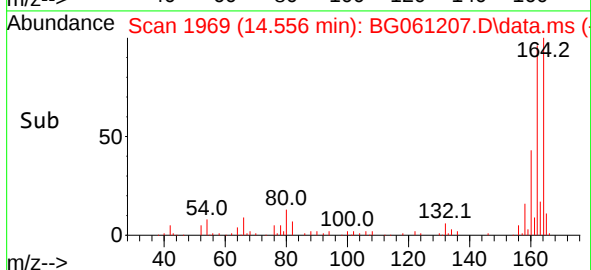
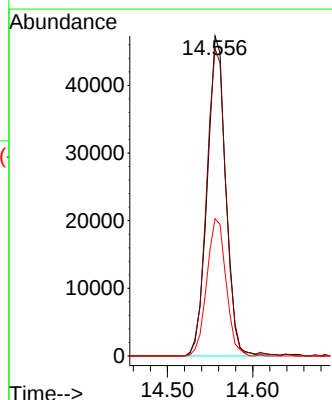
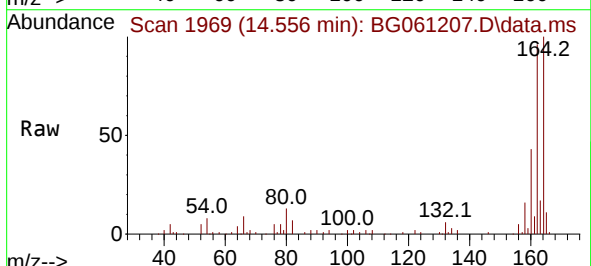
Tgt Ion:164 Resp: 71460

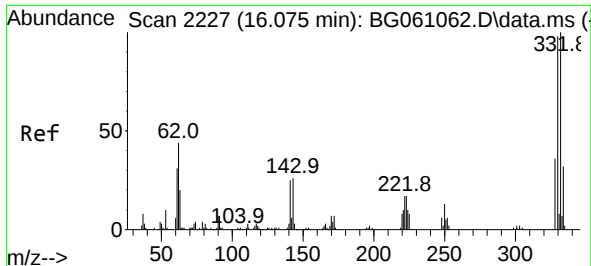
Ion Ratio Lower Upper

164 100

162 96.1 79.4 119.2

160 42.9 37.0 55.6

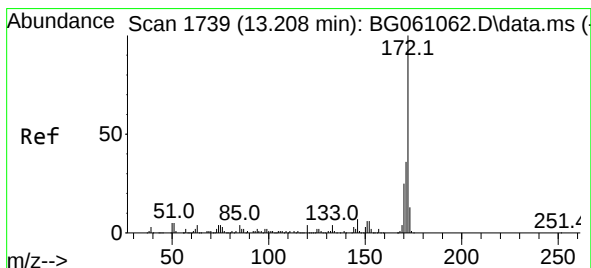
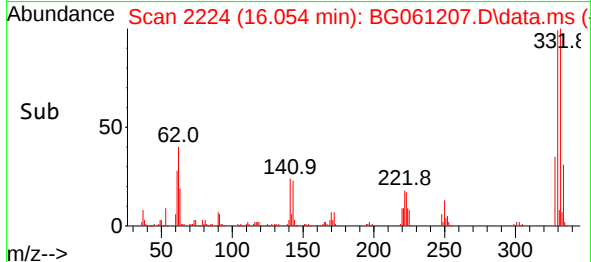
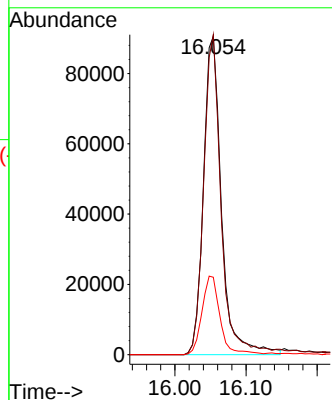
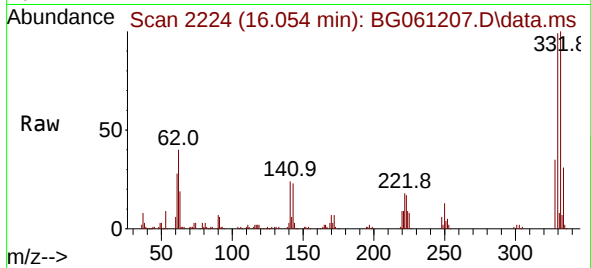




#42
2,4,6-Tribromophenol
Concen: 111.870 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

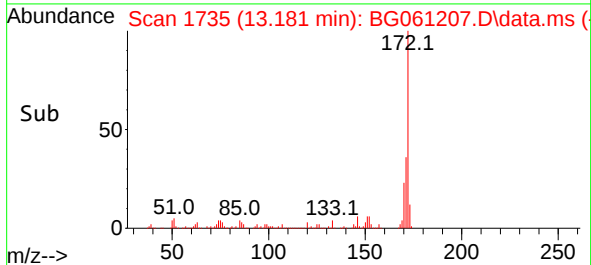
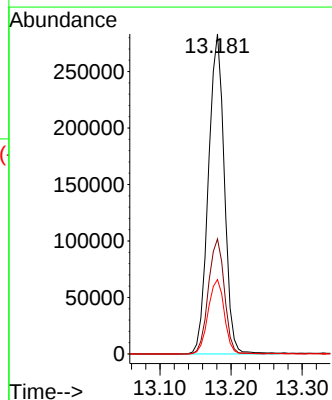
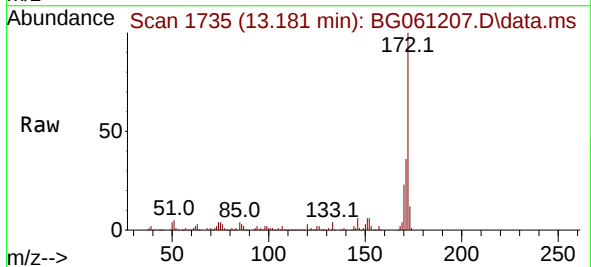
Instrument :
BNA_G
ClientSampleId :
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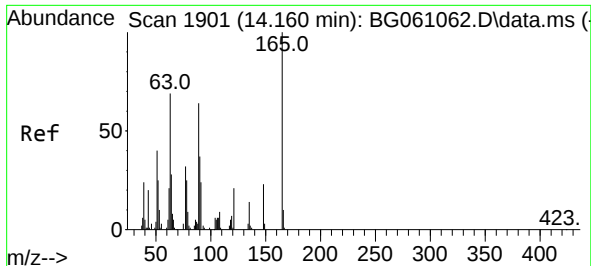
Tgt Ion:330 Resp: 159790
Ion Ratio Lower Upper
330 100
332 96.4 78.6 117.8
141 24.8 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 91.332 ng
RT: 13.181 min Scan# 1735
Delta R.T. -0.027 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:172 Resp: 441368
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.3 20.2 30.4

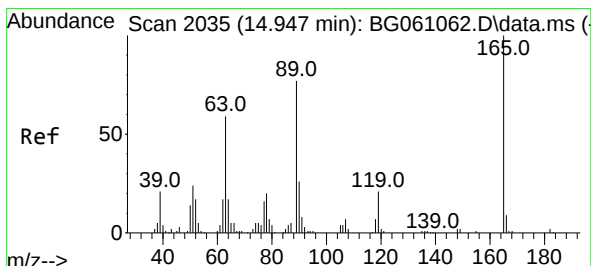
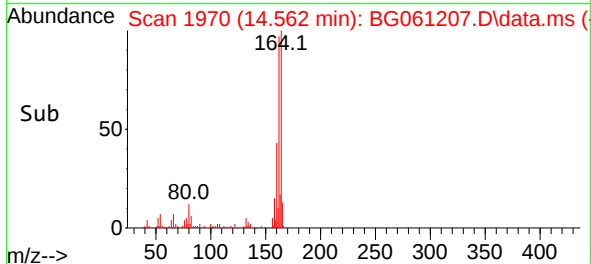
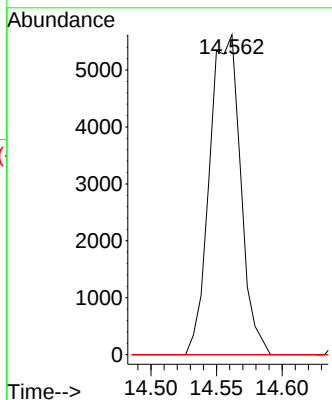
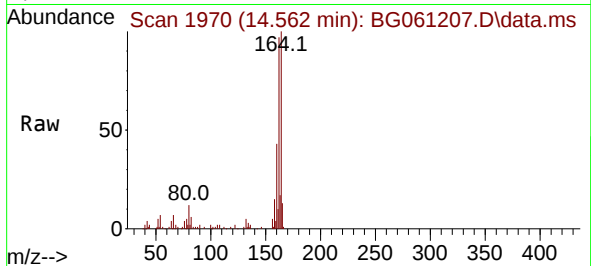




#51
2,6-Dinitrotoluene
Concen: 7.788 ng
RT: 14.562 min Scan# 1901
Delta R.T. 0.402 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

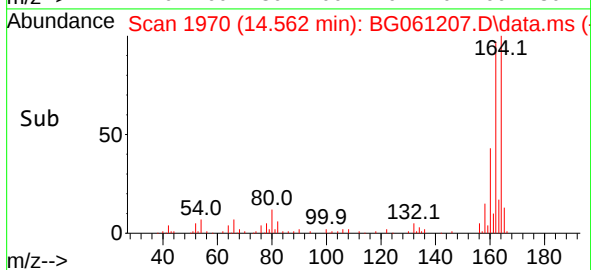
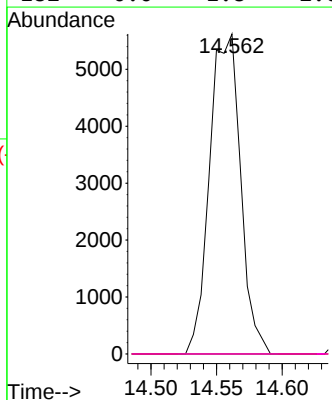
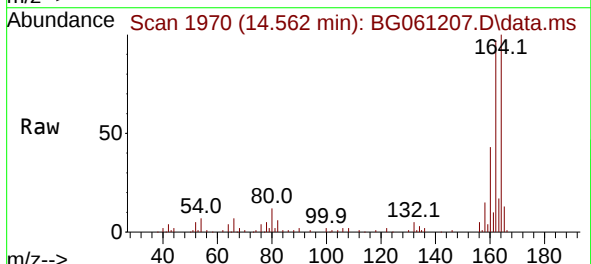
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BNA_G
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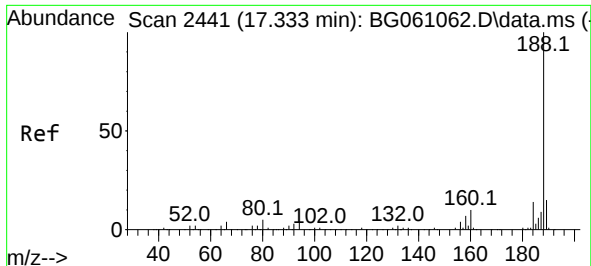
Tgt Ion:165 Resp: 9194
Ion Ratio Lower Upper
165 100
63 0.0 60.0 90.0#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 5.264 ng
RT: 14.562 min Scan# 1970
Delta R.T. -0.386 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:165 Resp: 9194
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#

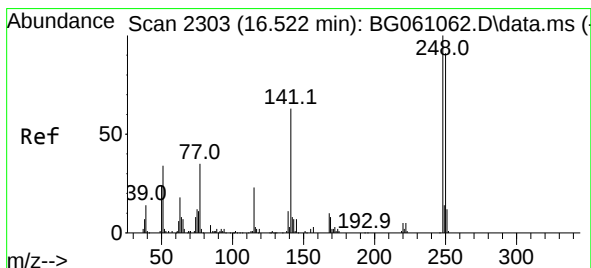
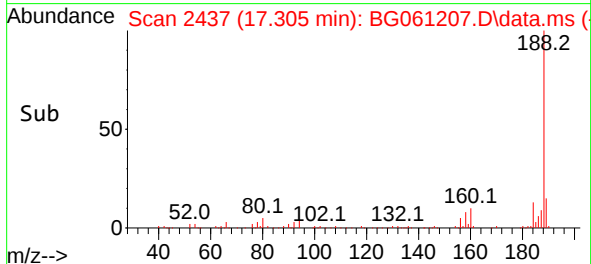
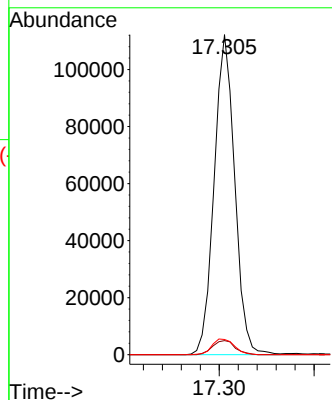
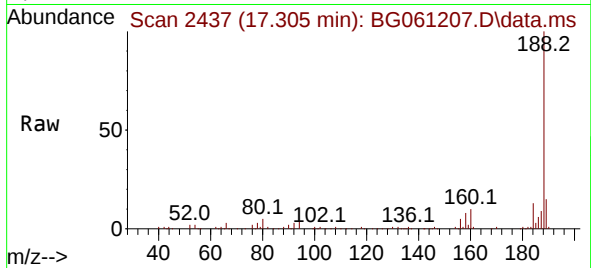




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.305 min Scan# 2441
Delta R.T. -0.027 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

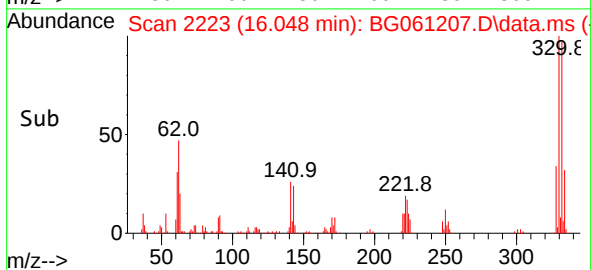
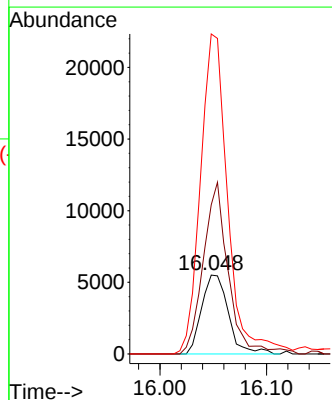
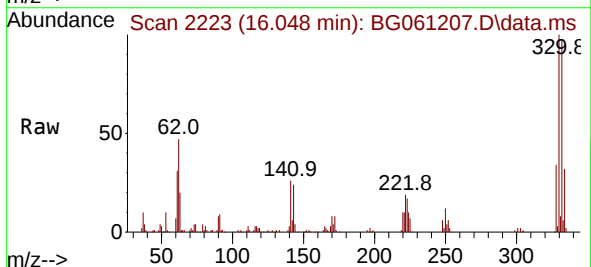
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

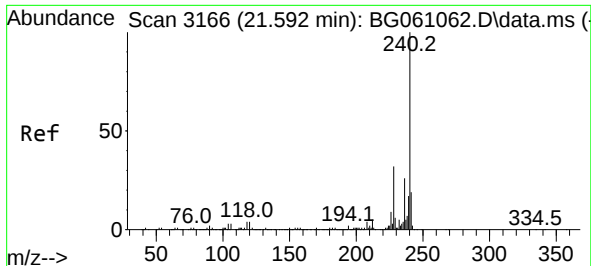
Tgt Ion:188 Resp: 168870
Ion Ratio Lower Upper
188 100
94 4.4 3.6 5.4
80 4.8 4.2 6.2



#67
4-Bromophenyl-phenylether
Concen: 4.823 ng
RT: 16.048 min Scan# 2223
Delta R.T. -0.474 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:248 Resp: 9595
Ion Ratio Lower Upper
248 100
250 189.1 73.0 109.4#
141 405.5 50.8 76.2#

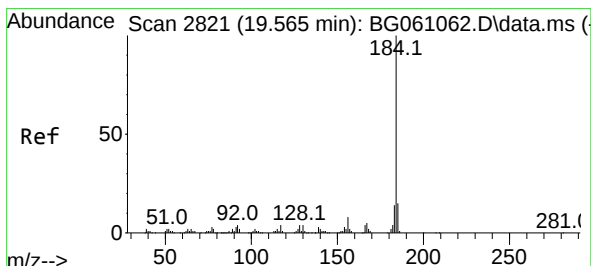
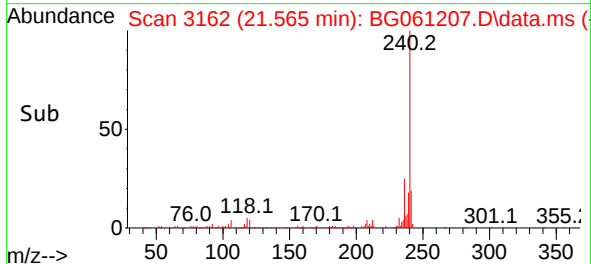
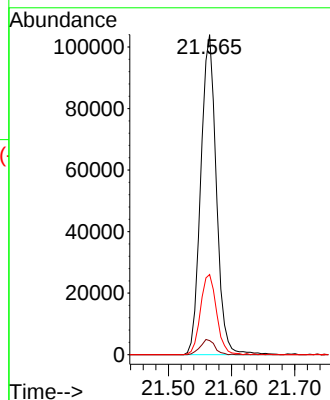
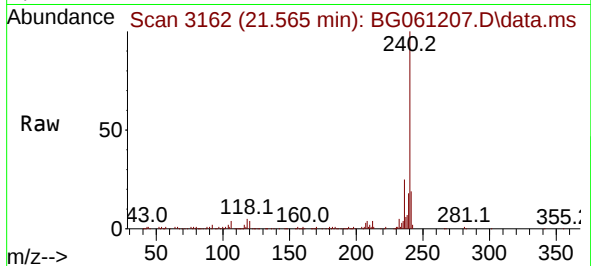




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.565 min Scan# 3166
Delta R.T. -0.027 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

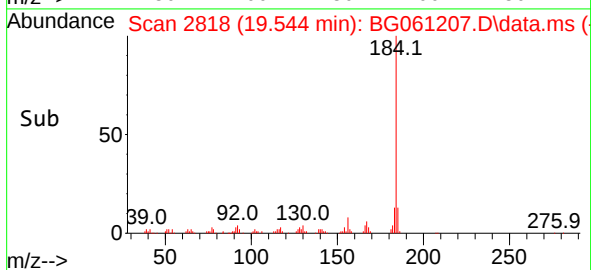
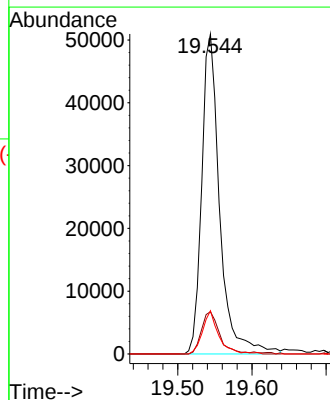
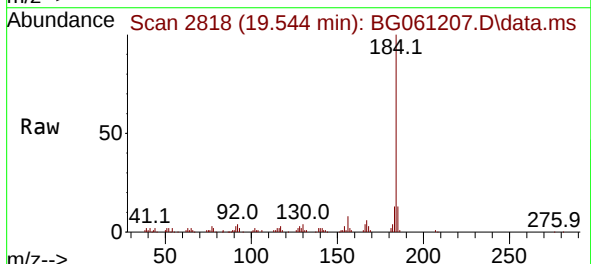
Instrument :
BNA_G
ClientSampleId :
WC-MH-II

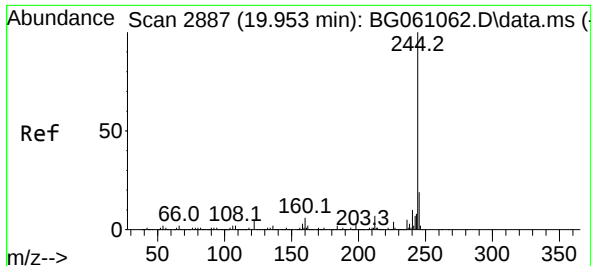
Tgt Ion:240 Resp: 177237
Ion Ratio Lower Upper
240 100
120 4.4 3.2 4.8
236 25.1 21.0 31.6



#77
Benzidine
Concen: 26.815 ng
RT: 19.544 min Scan# 2818
Delta R.T. -0.021 min
Lab File: BG061207.D
Acq: 15 May 2024 15:40

Tgt Ion:184 Resp: 86019
Ion Ratio Lower Upper
184 100
185 13.2 12.0 18.0
183 13.5 10.9 16.3

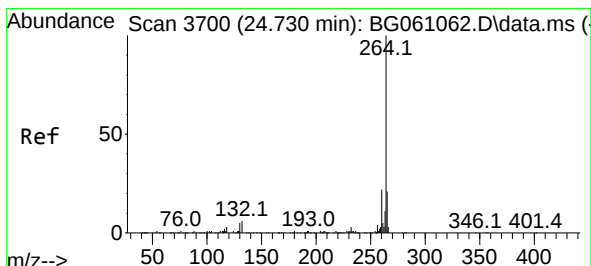
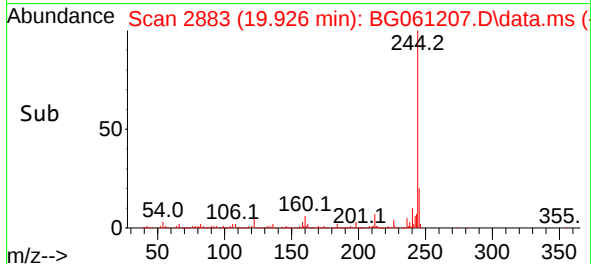
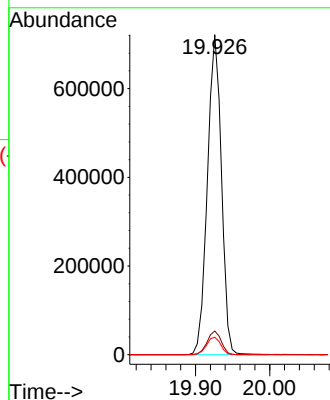
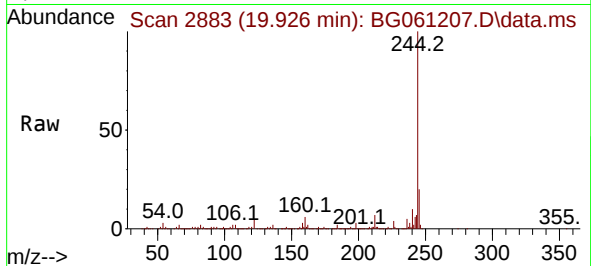




#79
 Terphenyl-d14
 Concen: 89.001 ng
 RT: 19.926 min Scan# 21
 Delta R.T. -0.027 min
 Lab File: BG061207.D
 Acq: 15 May 2024 15:40

Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-II

Tgt Ion:244 Resp: 948462
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.4 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.685 min Scan# 3693
 Delta R.T. -0.045 min
 Lab File: BG061207.D
 Acq: 15 May 2024 15:40

Tgt Ion:264 Resp: 206636
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.7 26.5
 265 20.4 16.4 24.6

