

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060647.D
 Acq On : 14 Mar 2024 20:38
 Operator : MA/JU
 Sample : P1749-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Quant Time: Mar 15 01:37:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 00:45:22 2024
 Response via : Initial Calibration

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

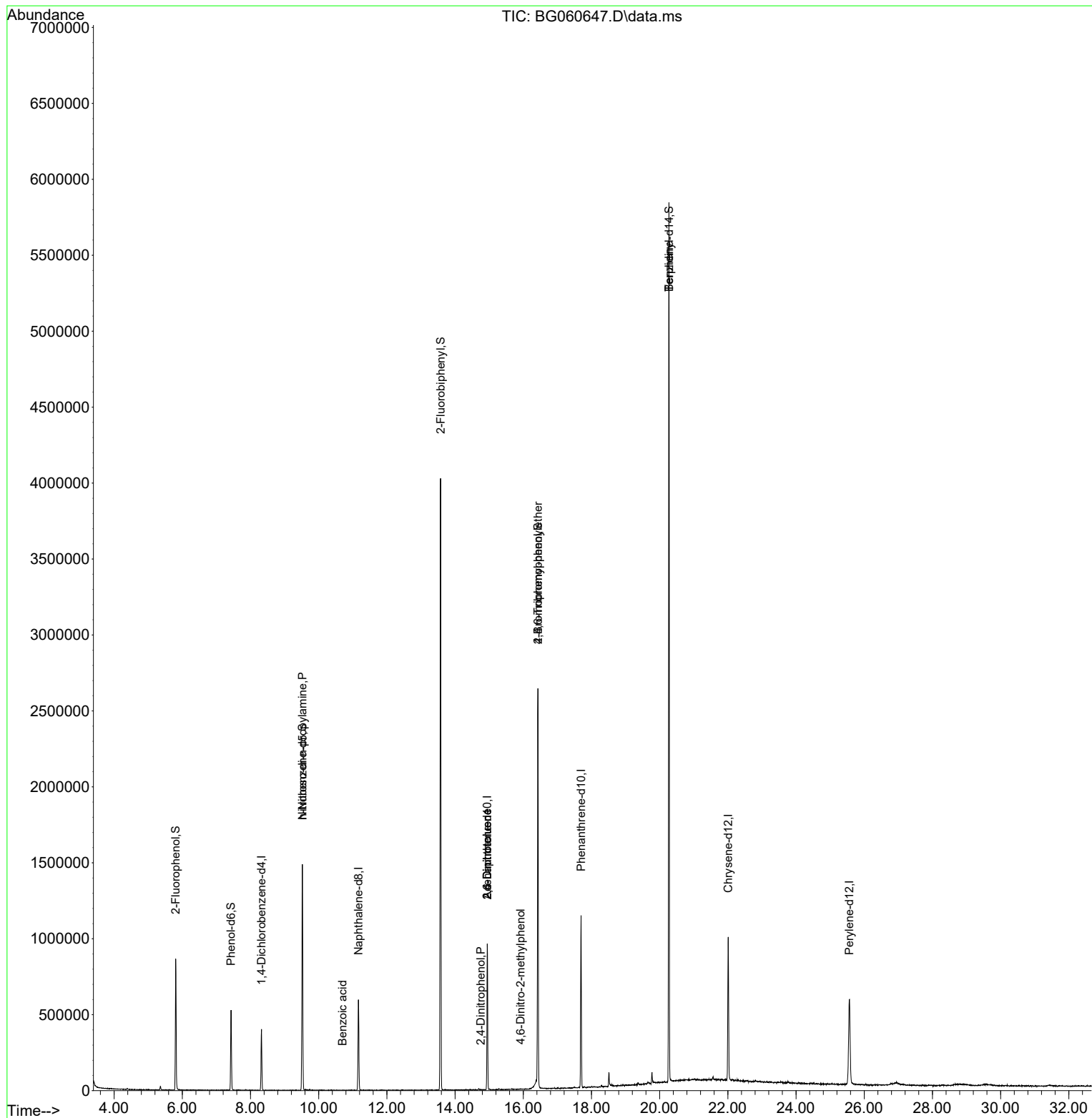
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	104717	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	498095	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	328972	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	690454	20.000	ng	0.00
76) Chrysene-d12	22.013	240	594300	20.000	ng	-0.01
86) Perylene-d12	25.562	264	674826	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	362002	54.343	ng	0.00
7) Phenol-d6	7.430	99	300788	31.127	ng	0.00
23) Nitrobenzene-d5	9.521	82	856559	89.498	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	477437	125.242	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	2110113	86.724	ng	0.00
79) Terphenyl-d14	20.274	244	2813174	85.562	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.521	70	106900	15.960	ng	# 80
32) Benzoic acid	10.697	122	98	6.036	ng	# 1
51) 2,6-Dinitrotoluene	14.945	165	42682	9.389	ng	# 18
54) 2,4-Dinitrophenol	14.751	184	59	6.867	ng	# 17
57) 2,4-Dinitrotoluene	14.945	165	42682	7.463	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.920	198	67	4.834	ng	# 1
67) 4-Bromophenyl-phenylether	16.431	248	31603	4.245	ng	# 1
77) Benzidine	20.274	184	45463	3.127	ng	# 94

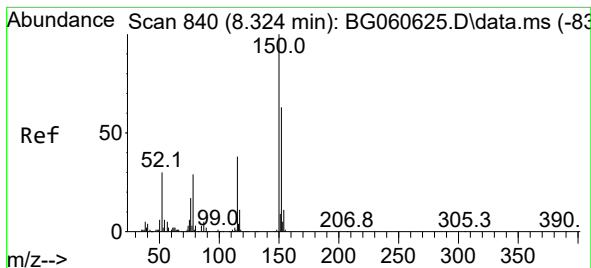
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060647.D
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
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QLast Update : Thu Mar 14 00:45:22 2024
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.323 min Scan# 840

Delta R.T. -0.001 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

Instrument :

BNA_G

ClientSampleId :

MW-1

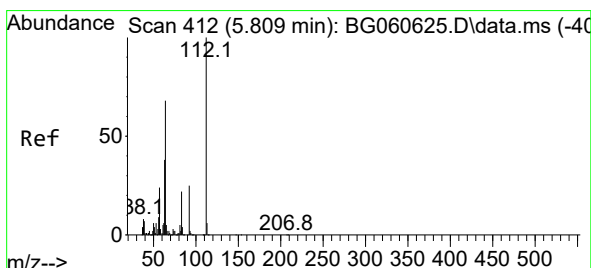
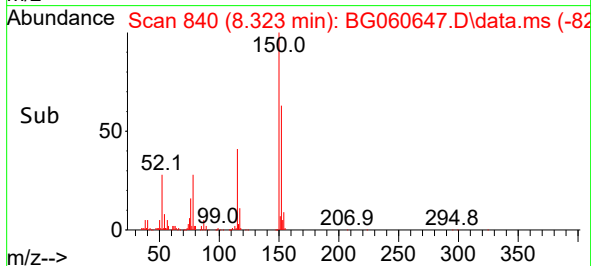
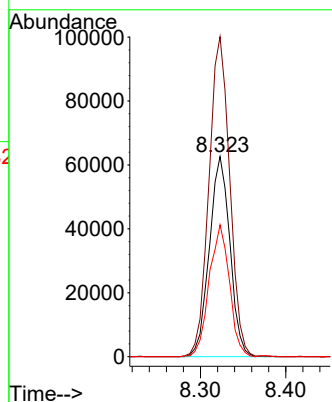
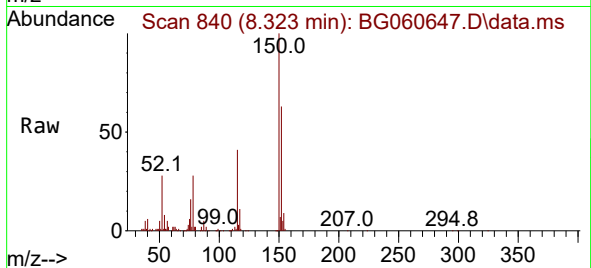
Tgt Ion:152 Resp: 104717

Ion Ratio Lower Upper

152 100

150 159.9 126.6 190.0

115 65.9 47.8 71.8



#5

2-Fluorophenol

Concen: 54.343 ng

RT: 5.808 min Scan# 412

Delta R.T. -0.001 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

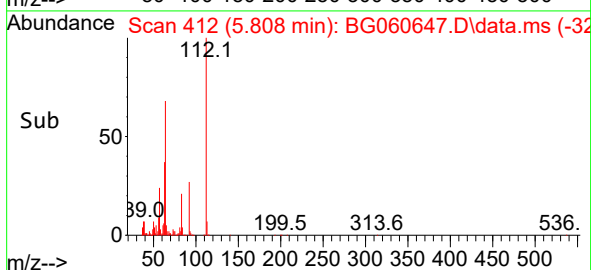
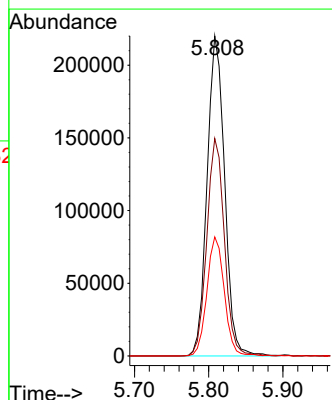
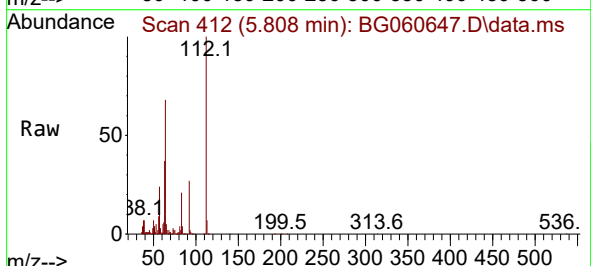
Tgt Ion:112 Resp: 362002

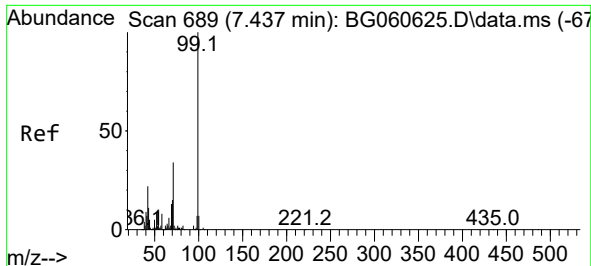
Ion Ratio Lower Upper

112 100

64 68.0 54.1 81.1

63 37.2 30.3 45.5

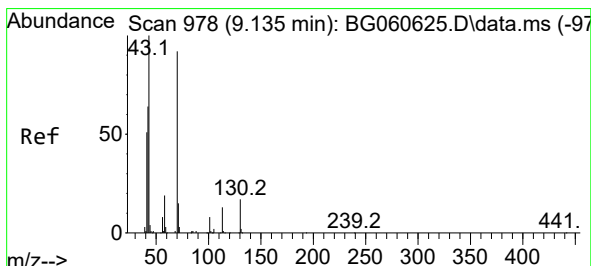
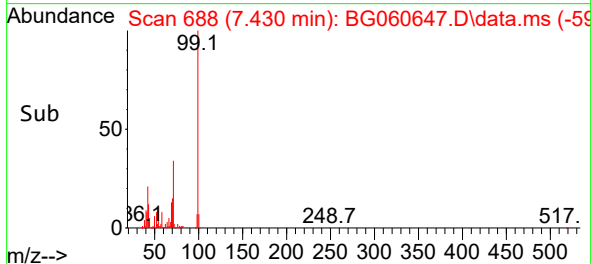
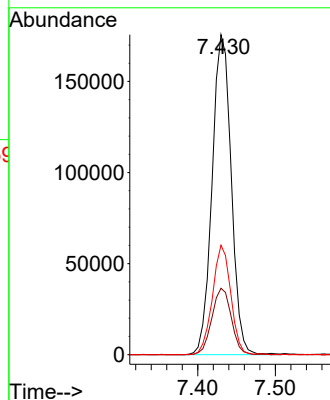
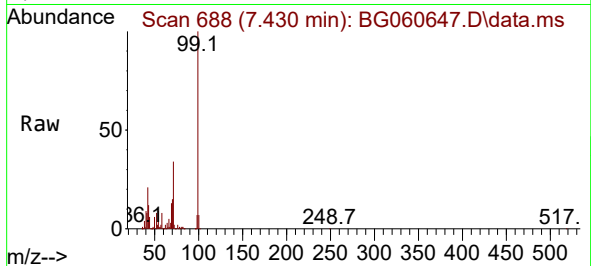




#7
Phenol-d6
Concen: 31.127 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

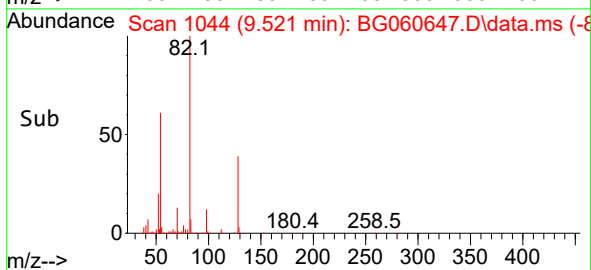
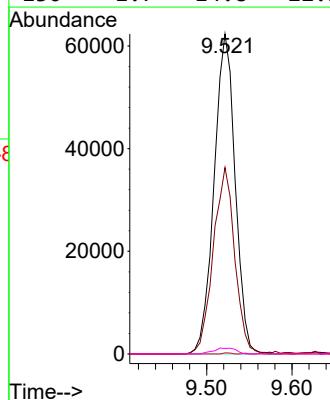
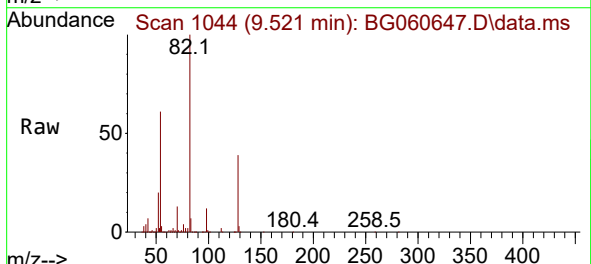
Instrument :
BNA_G
ClientSampleId :
MW-1

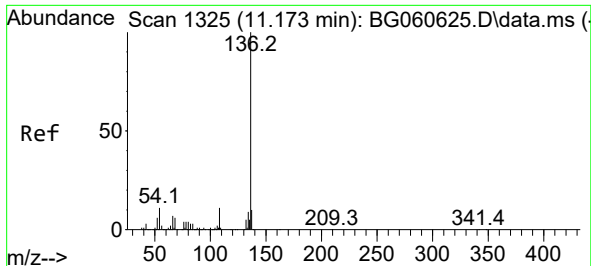
Tgt Ion: 99 Resp: 300788
Ion Ratio Lower Upper
99 100
42 20.7 17.5 26.3
71 34.2 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.960 ng
RT: 9.521 min Scan# 1044
Delta R.T. 0.387 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion: 70 Resp: 106900
Ion Ratio Lower Upper
70 100
42 58.3 56.2 84.2
101 0.4 7.4 11.0#
130 1.7 14.8 22.2#

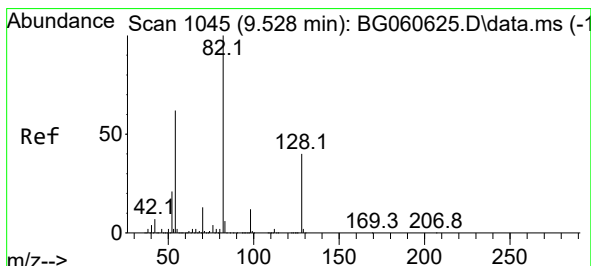
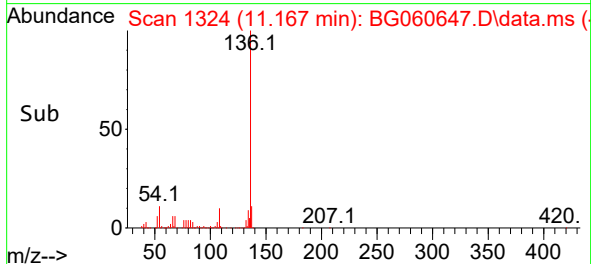
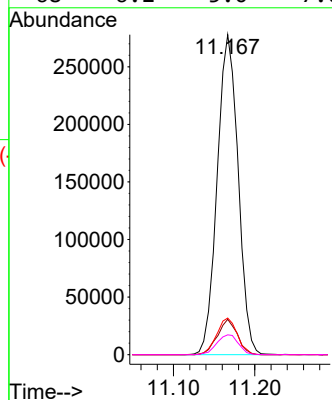
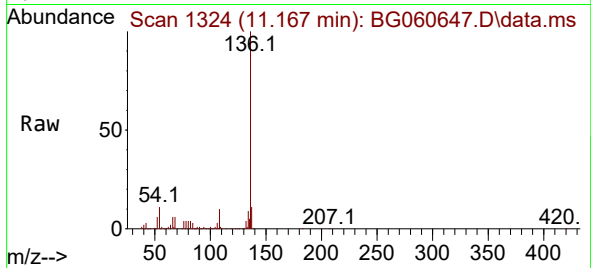




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

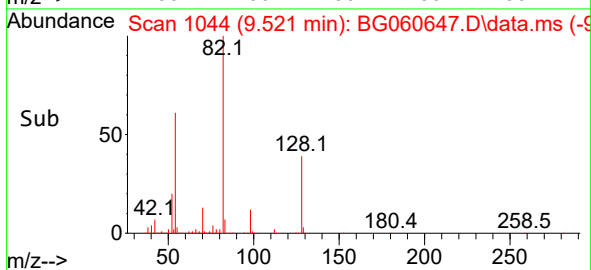
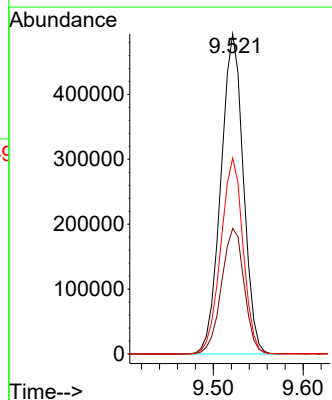
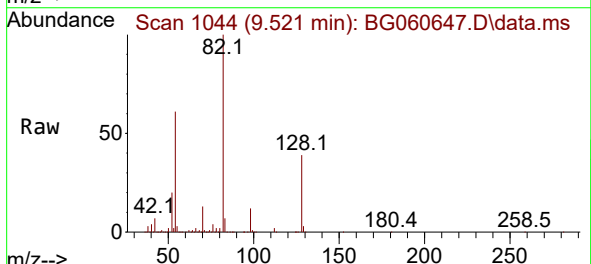
Instrument :
BNA_G
ClientSampleId :
MW-1

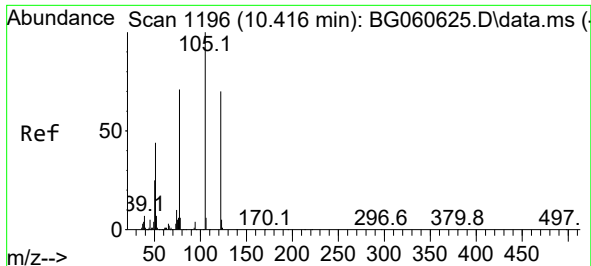
Tgt Ion:136 Resp: 498095
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 11.5 8.5 12.7
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 89.498 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion: 82 Resp: 856559
Ion Ratio Lower Upper
82 100
128 39.2 31.6 47.4
54 61.3 49.3 73.9

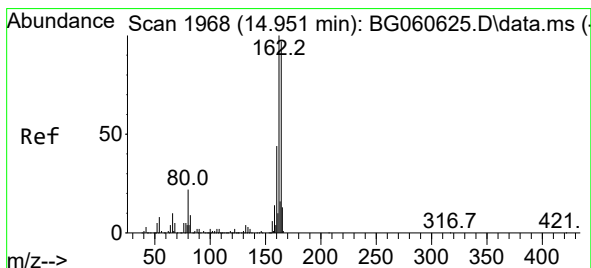
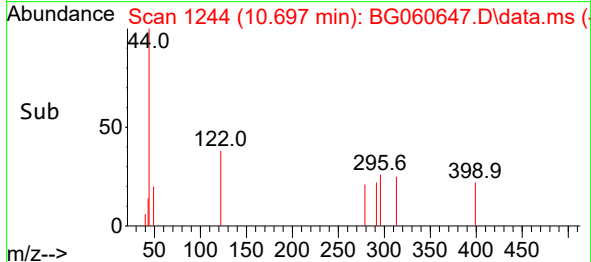
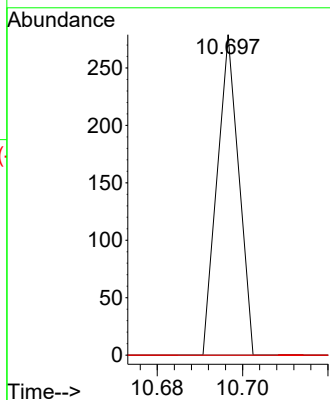
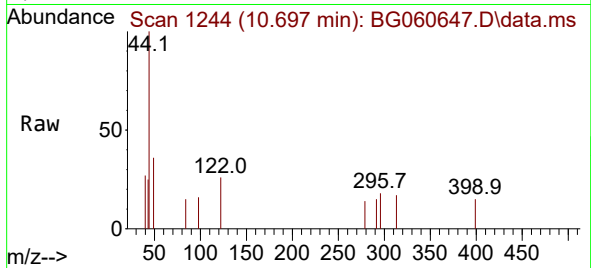




#32
Benzoic acid
Concen: 6.036 ng
RT: 10.697 min Scan# 1196
Delta R.T. 0.281 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

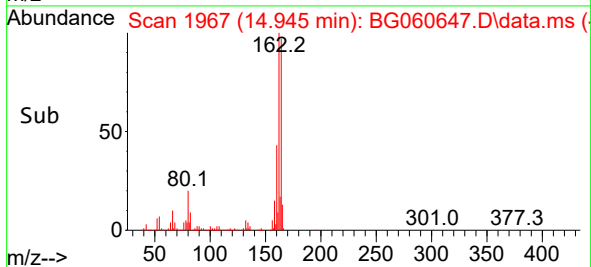
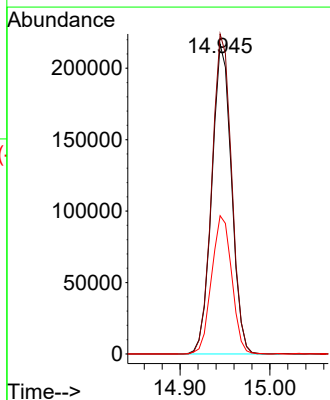
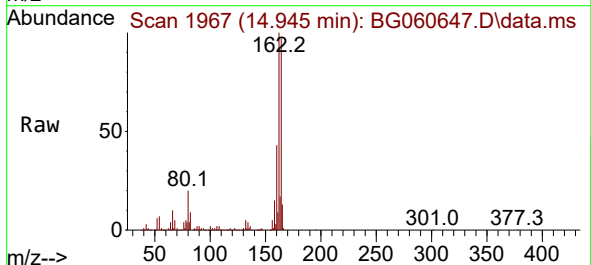
Instrument :
BNA_G
ClientSampleId :
MW-1

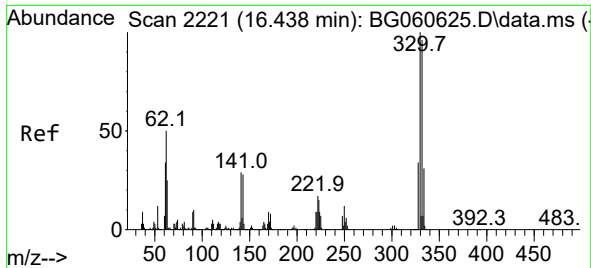
Tgt Ion:122 Resp: 98
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion:164 Resp: 328972
Ion Ratio Lower Upper
164 100
162 103.3 82.5 123.7
160 44.6 36.4 54.6

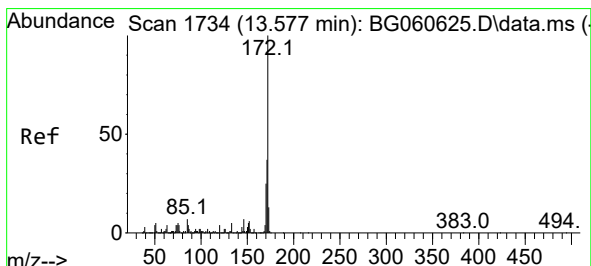
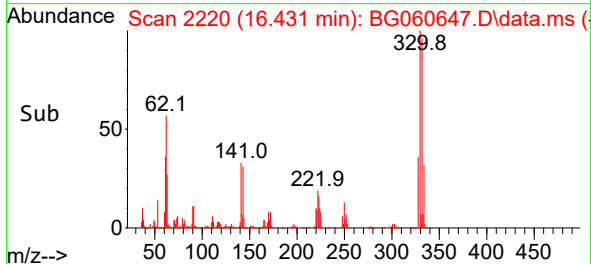
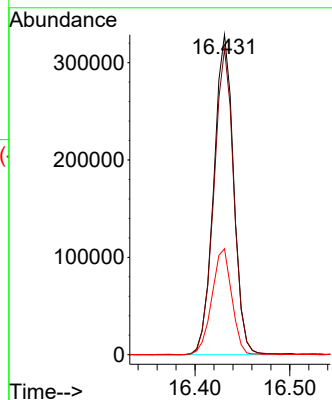
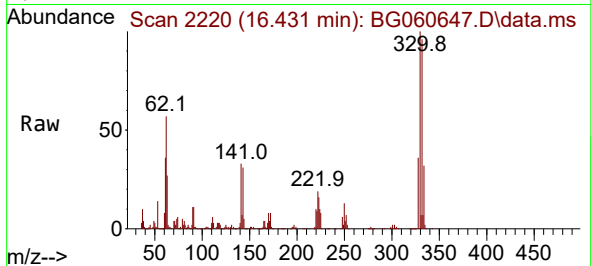




#42
2,4,6-Tribromophenol
Concen: 125.242 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

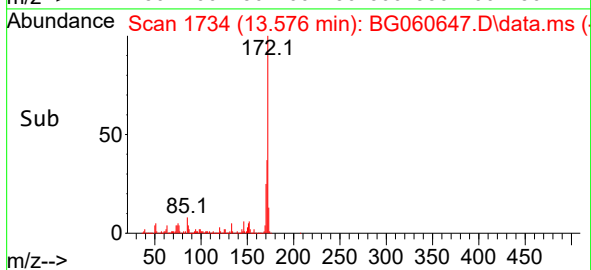
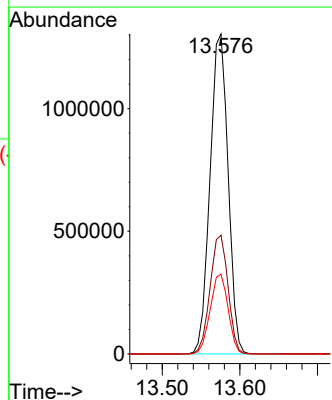
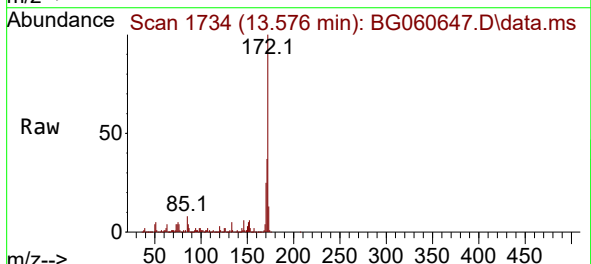
Instrument :
BNA_G
ClientSampleId :
MW-1

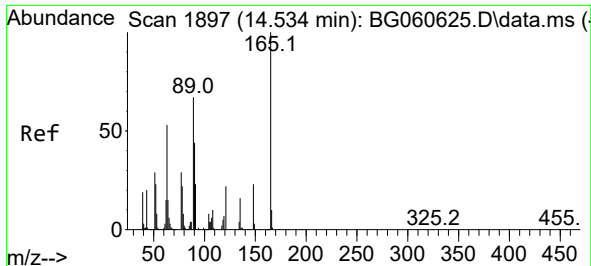
Tgt Ion:330 Resp: 477437
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 33.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 86.724 ng
RT: 13.576 min Scan# 1734
Delta R.T. -0.001 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion:172 Resp: 2110113
Ion Ratio Lower Upper
172 100
171 37.1 29.9 44.9
170 24.9 19.8 29.6

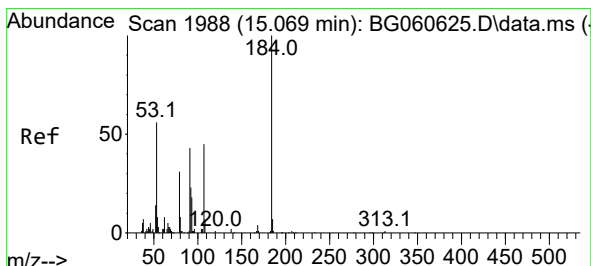
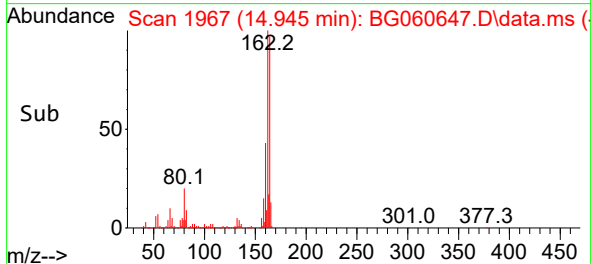
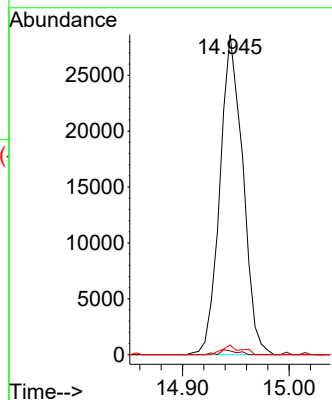
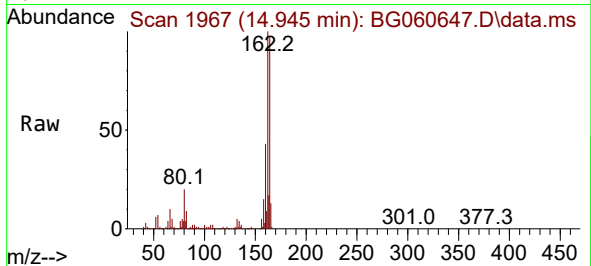




#51
2,6-Dinitrotoluene
Concen: 9.389 ng
RT: 14.945 min Scan# 1934
Delta R.T. 0.411 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

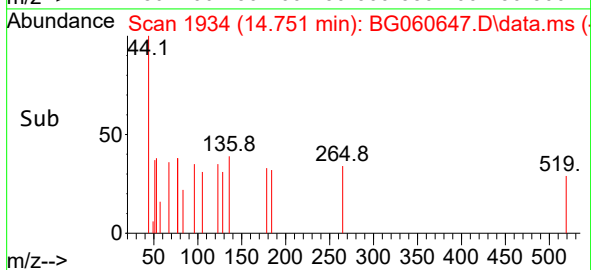
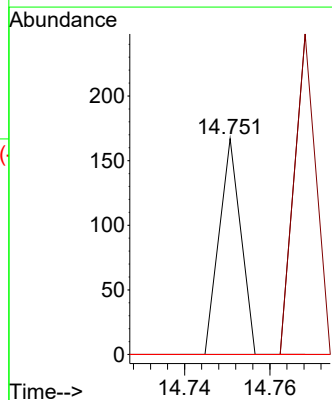
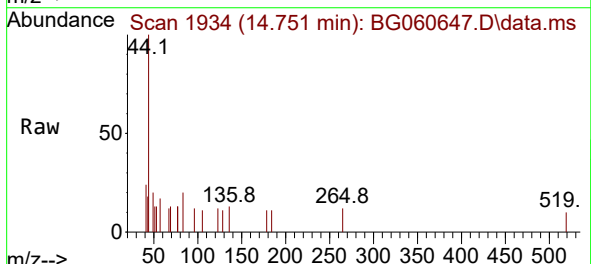
Instrument :
BNA_G
ClientSampleId :
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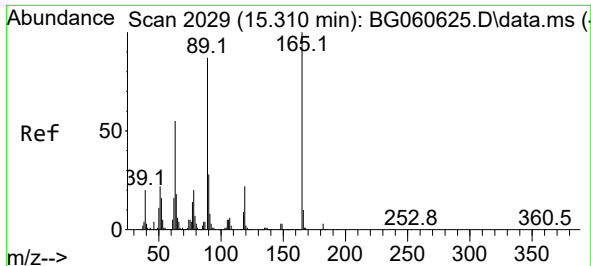
Tgt Ion:165 Resp: 42682
Ion Ratio Lower Upper
165 100
63 1.2 55.8 83.6#
89 3.0 54.1 81.1#



#54
2,4-Dinitrophenol
Concen: 6.867 ng
RT: 14.751 min Scan# 1934
Delta R.T. -0.318 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#





#57

2,4-Dinitrotoluene

Concen: 7.463 ng

RT: 14.945 min Scan# 1967

Delta R.T. -0.365 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

Instrument :

BNA_G

ClientSampleId :

MW-1

Tgt Ion:165 Resp: 42682

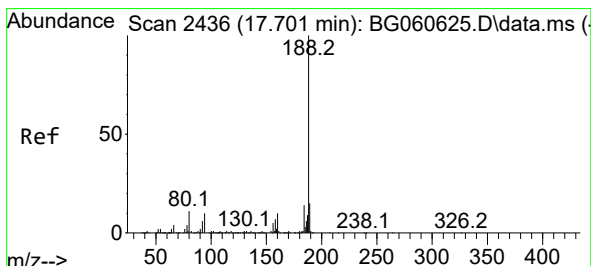
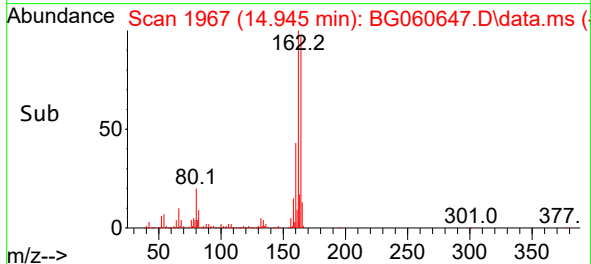
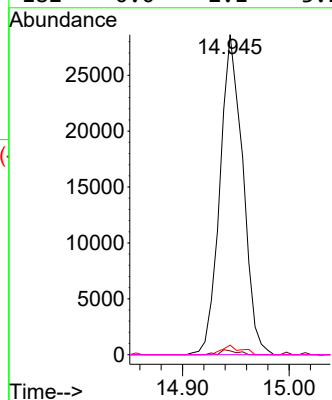
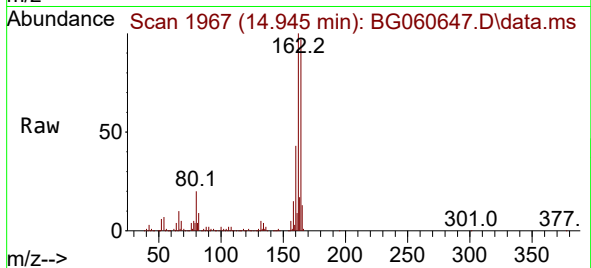
Ion Ratio Lower Upper

165 100

63 1.2 44.1 66.1#

89 3.0 69.7 104.5#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.694 min Scan# 2435

Delta R.T. -0.007 min

Lab File: BG060647.D

Acq: 14 Mar 2024 20:38

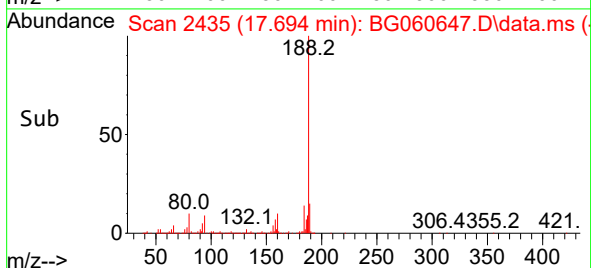
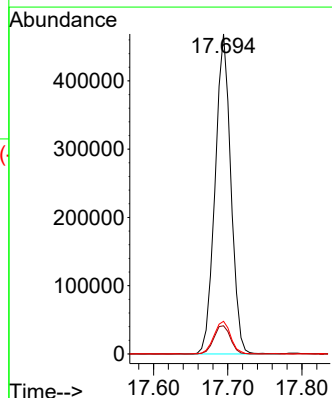
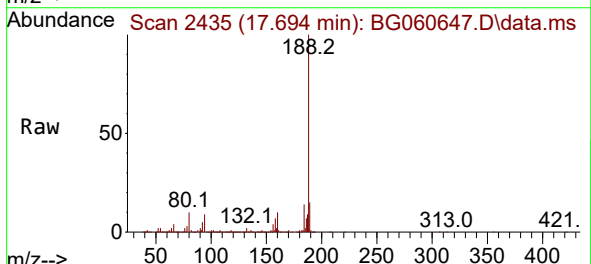
Tgt Ion:188 Resp: 690454

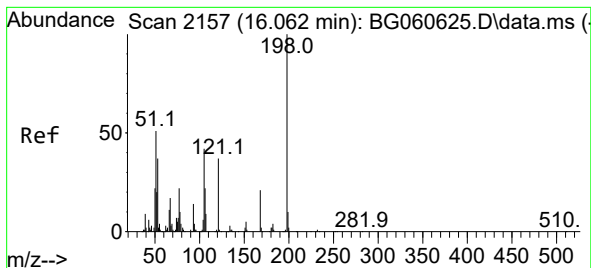
Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

80 10.2 8.6 13.0

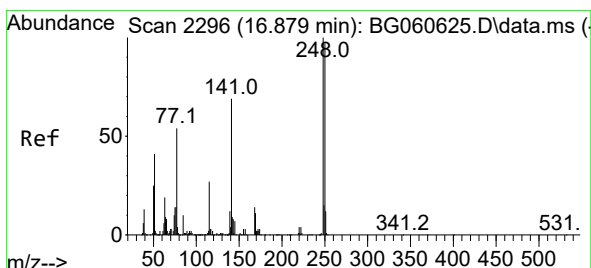
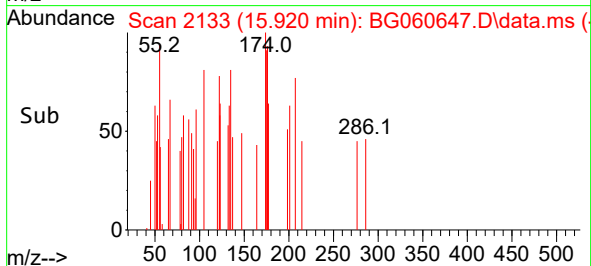
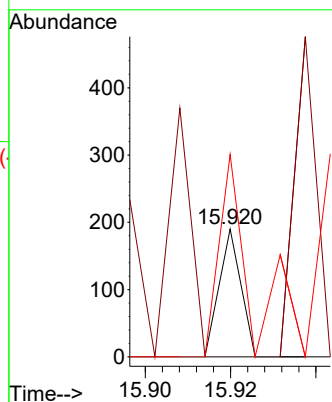
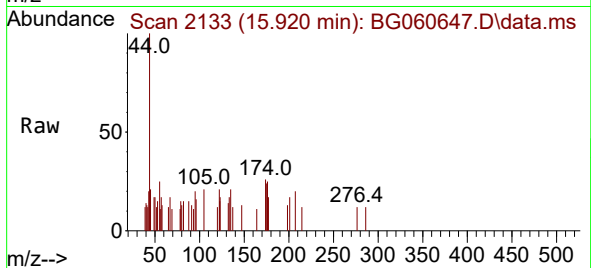




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.834 ng
 RT: 15.920 min Scan# 2157
 Delta R.T. -0.142 min
 Lab File: BG060647.D
 Acq: 14 Mar 2024 20:38

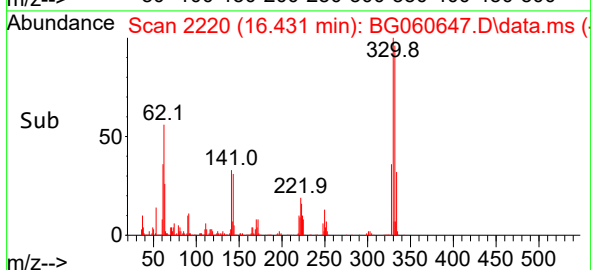
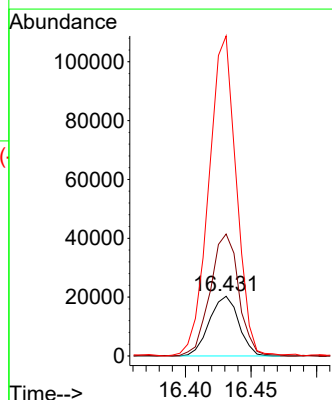
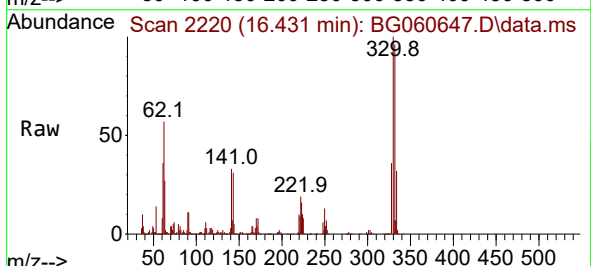
Instrument :
 BNA_G
 ClientSampleId :
 MW-1

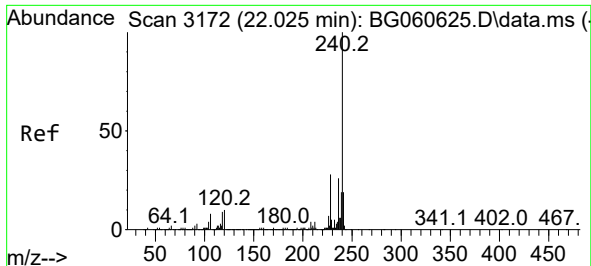
Tgt Ion:198 Resp: 67
 Ion Ratio Lower Upper
 198 100
 51 0.0 36.9 76.9#
 105 158.4 22.4 62.4#



#67
 4-Bromophenyl-phenylether
 Concen: 4.245 ng
 RT: 16.431 min Scan# 2220
 Delta R.T. -0.448 min
 Lab File: BG060647.D
 Acq: 14 Mar 2024 20:38

Tgt Ion:248 Resp: 31603
 Ion Ratio Lower Upper
 248 100
 250 204.4 77.8 116.6#
 141 536.5 55.1 82.7#

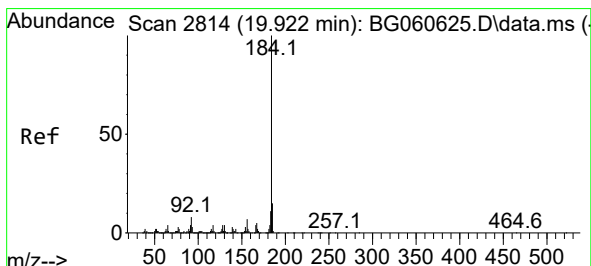
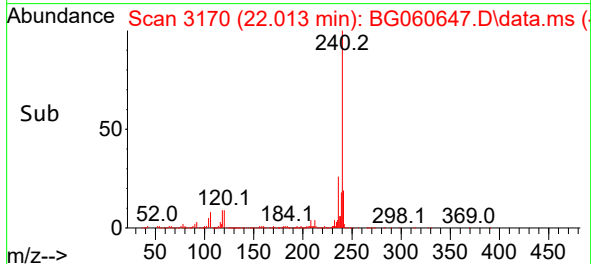
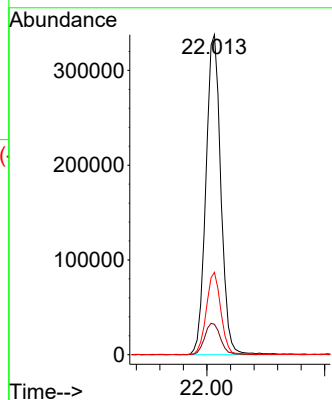
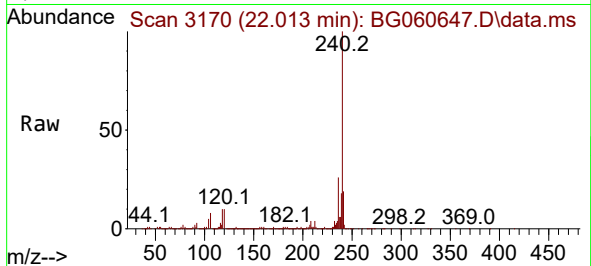




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

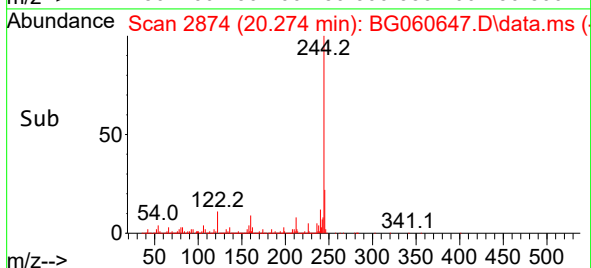
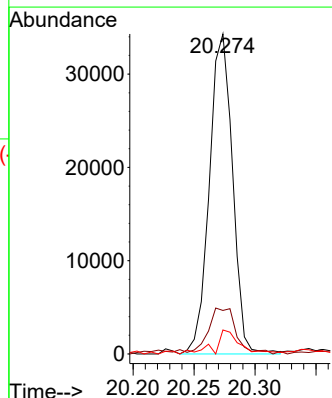
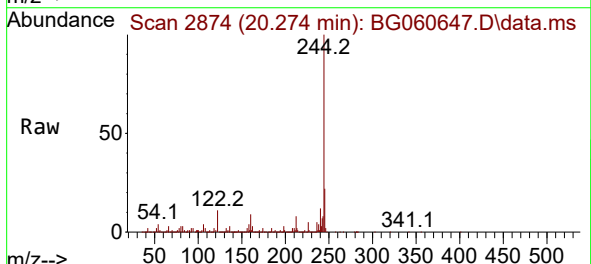
Instrument :
BNA_G
ClientSampleId :
MW-1

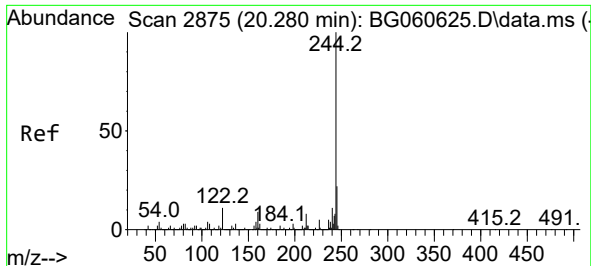
Tgt Ion:240 Resp: 594300
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.8
236 25.7 20.6 31.0



#77
Benzidine
Concen: 3.127 ng
RT: 20.274 min Scan# 2874
Delta R.T. 0.352 min
Lab File: BG060647.D
Acq: 14 Mar 2024 20:38

Tgt Ion:184 Resp: 45463
Ion Ratio Lower Upper
184 100
185 13.6 11.7 17.5
183 7.5 9.2 13.8#

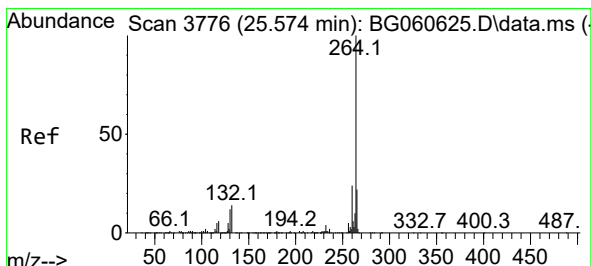
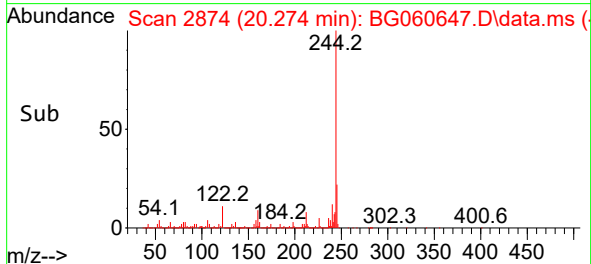
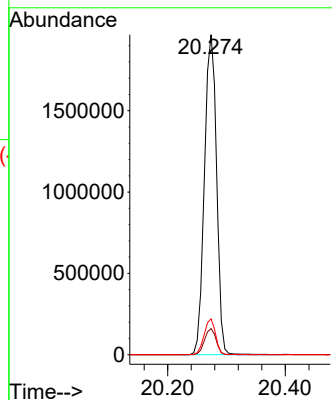
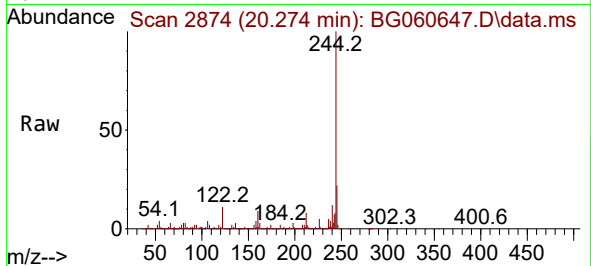




#79
 Terphenyl-d14
 Concen: 85.562 ng
 RT: 20.274 min Scan# 2875
 Delta R.T. -0.007 min
 Lab File: BG060647.D
 Acq: 14 Mar 2024 20:38

Instrument :
 BNA_G
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 2813174
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 9.8
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.562 min Scan# 3774
 Delta R.T. -0.013 min
 Lab File: BG060647.D
 Acq: 14 Mar 2024 20:38

Tgt Ion:264 Resp: 674826
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 22.0 18.1 27.1

