

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060653.D
 Acq On : 15 Mar 2024 1:21
 Operator : MA/JU
 Sample : P1749-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2A

Quant Time: Mar 15 02:59:06 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)

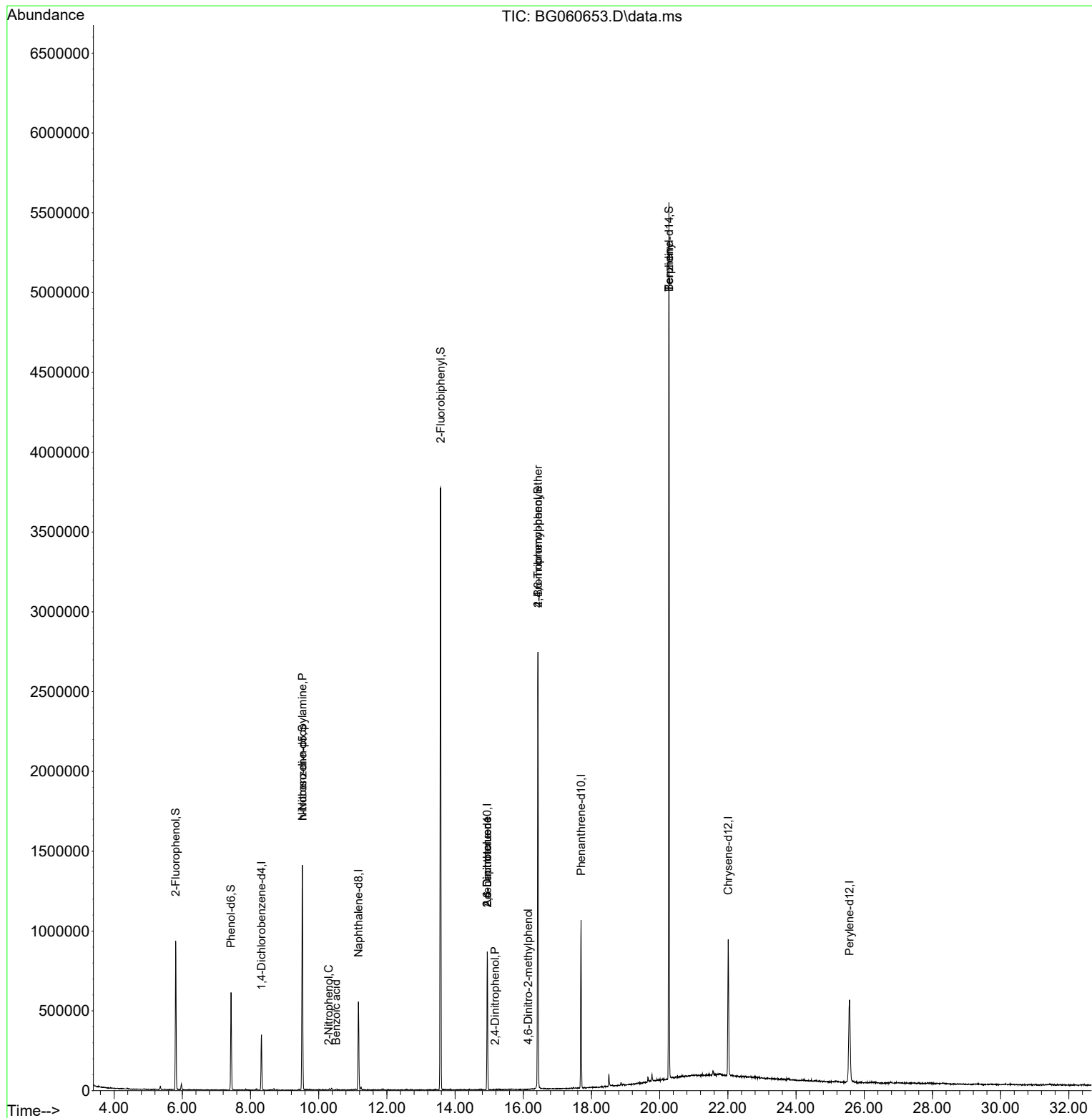
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	94462	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	449446	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	295821	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	620389	20.000	ng	0.00
76) Chrysene-d12	22.013	240	550440	20.000	ng	-0.01
86) Perylene-d12	25.568	264	630405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	384502	63.987	ng	0.00
7) Phenol-d6	7.430	99	336877	38.647	ng	0.00
23) Nitrobenzene-d5	9.522	82	808045	93.568	ng	0.00
42) 2,4,6-Tribromophenol	16.431	330	514867	150.197	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	2000622	91.438	ng	0.00
79) Terphenyl-d14	20.274	244	2694206	88.473	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.522	70	103411	17.115	ng	# 75
26) 2-Nitrophenol	10.291	139	143	2.275	ng	# 23
32) Benzoic acid	10.509	122	105	6.039	ng	# 15
51) 2,6-Dinitrotoluene	14.945	165	38180	9.339	ng	# 17
54) 2,4-Dinitrophenol	15.174	184	115	6.894	ng	# 17
57) 2,4-Dinitrotoluene	14.945	165	38180	7.424	ng	# 16
65) 4,6-Dinitro-2-methylph...	16.143	198	102	4.847	ng	# 27
67) 4-Bromophenyl-phenylether	16.431	248	34935	5.222	ng	# 1
77) Benzidine	20.274	184	46065	3.421	ng	# 93

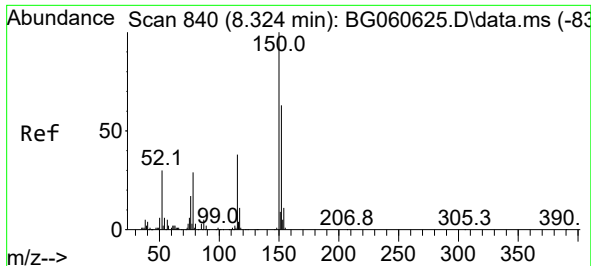
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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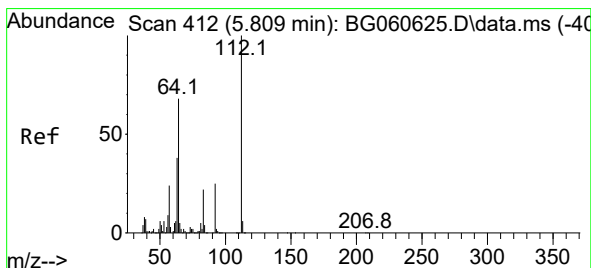
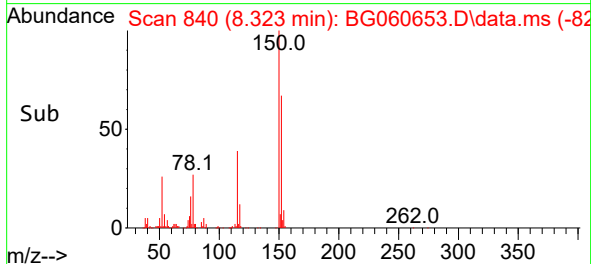
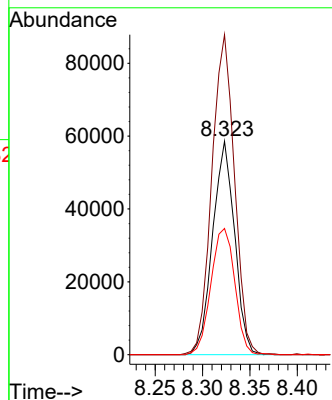
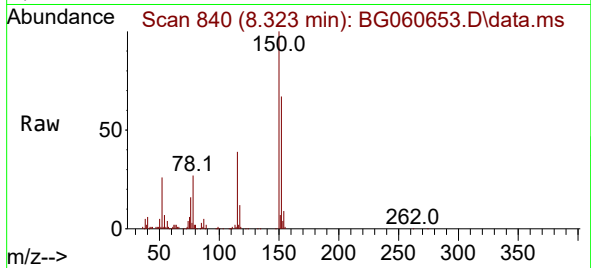




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.323 min Scan# 840
Delta R.T. -0.001 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

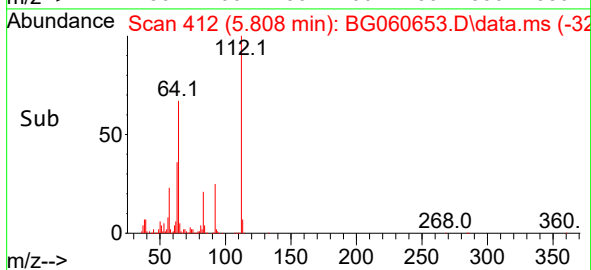
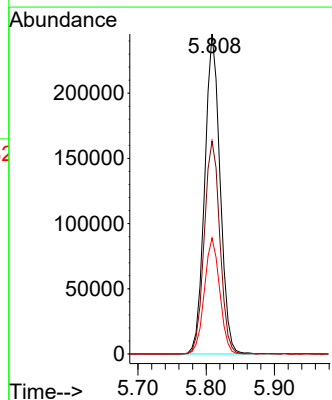
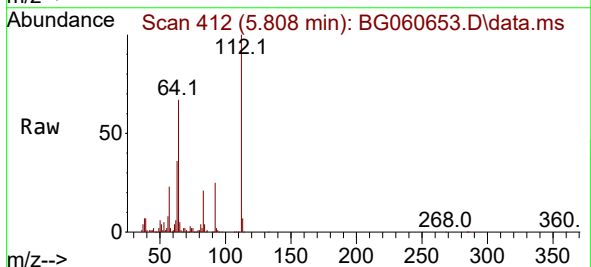
Instrument :
BNA_G
ClientSampleId :
MW-2A

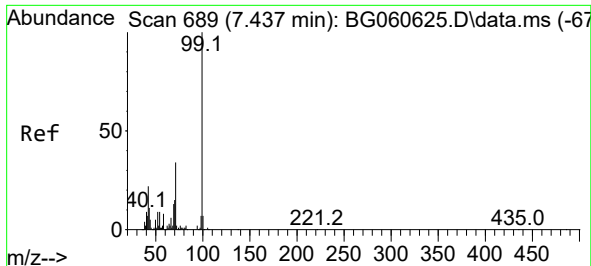
Tgt Ion:152 Resp: 94462
Ion Ratio Lower Upper
152 100
150 149.9 126.6 190.0
115 59.1 47.8 71.8



#5
2-Fluorophenol
Concen: 63.987 ng
RT: 5.808 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:112 Resp: 384502
Ion Ratio Lower Upper
112 100
64 66.6 54.1 81.1
63 36.3 30.3 45.5

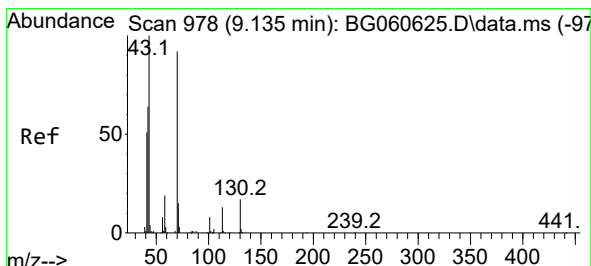
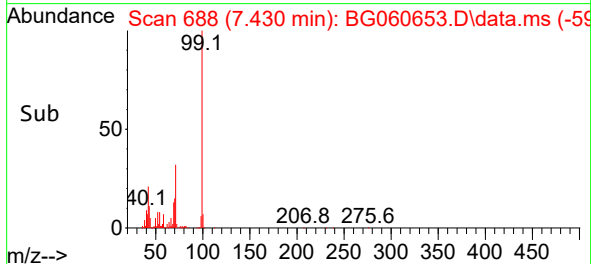
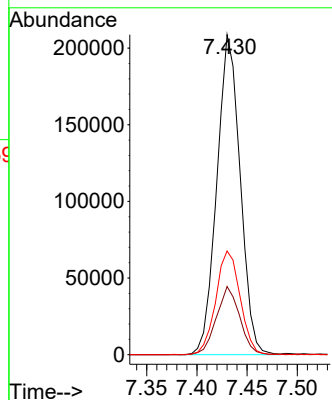
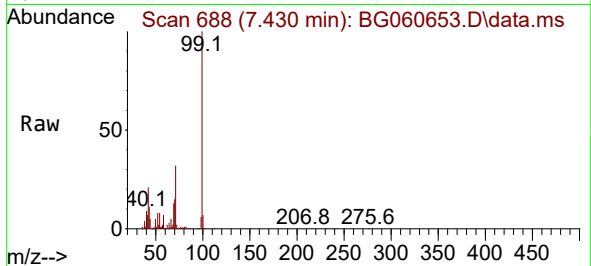




#7
Phenol-d6
Concen: 38.647 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

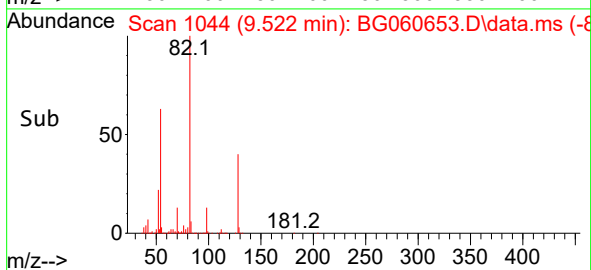
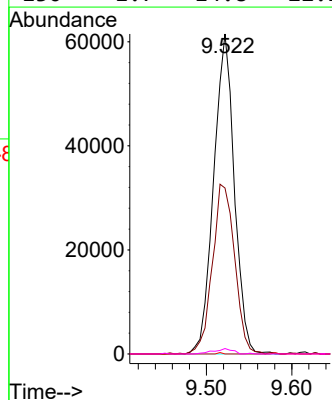
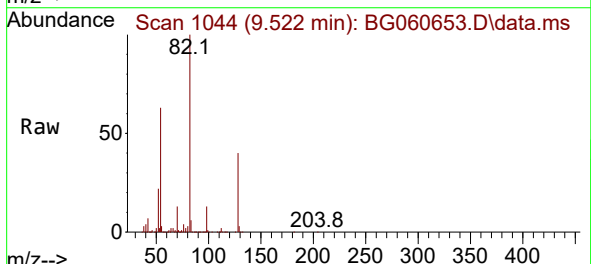
Instrument :
BNA_G
ClientSampleId :
MW-2A

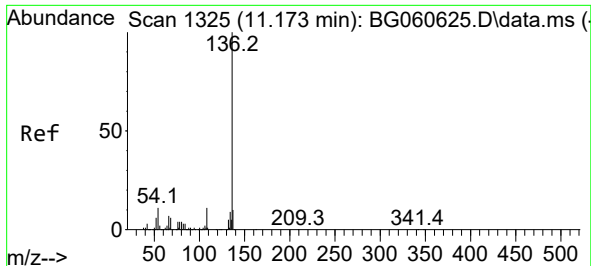
Tgt Ion: 99 Resp: 336877
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 32.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.115 ng
RT: 9.522 min Scan# 1044
Delta R.T. 0.387 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion: 70 Resp: 103411
Ion Ratio Lower Upper
70 100
42 51.8 56.2 84.2#
101 0.0 7.4 11.0#
130 1.7 14.8 22.2#

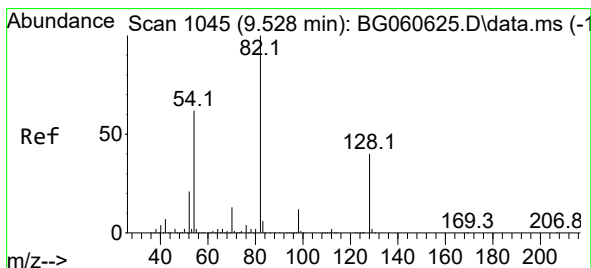
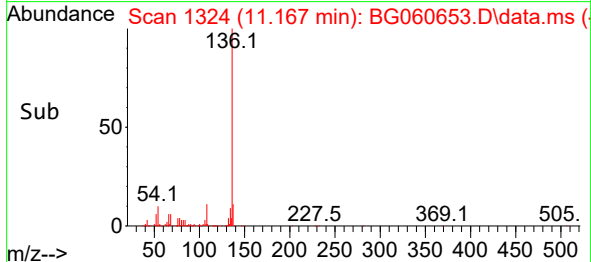
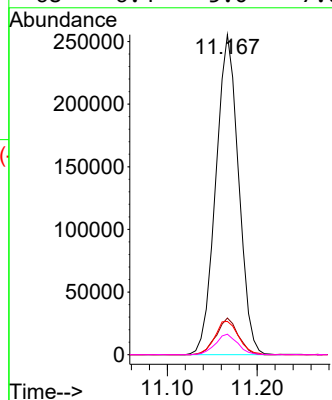
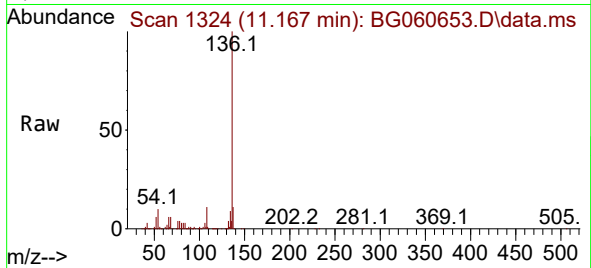




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

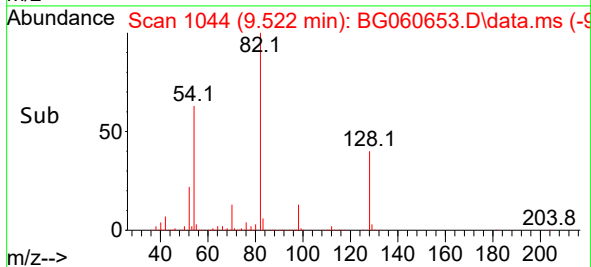
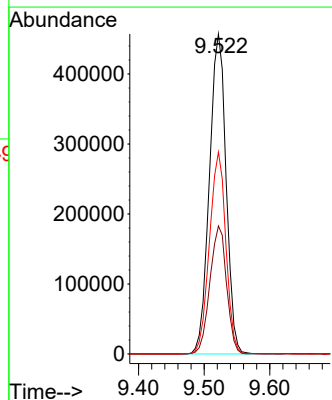
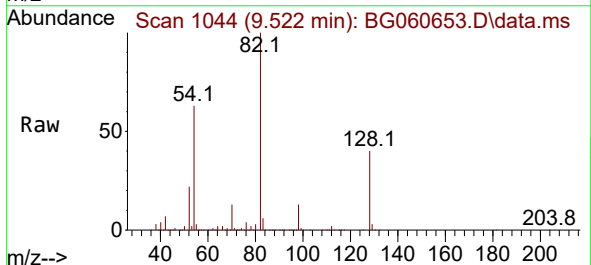
Instrument :
BNA_G
ClientSampleId :
MW-2A

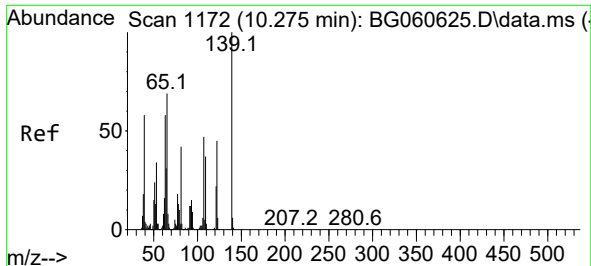
Tgt Ion:136 Resp: 449446
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 10.4 8.5 12.7
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.568 ng
RT: 9.522 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion: 82 Resp: 808045
Ion Ratio Lower Upper
82 100
128 40.0 31.6 47.4
54 63.1 49.3 73.9

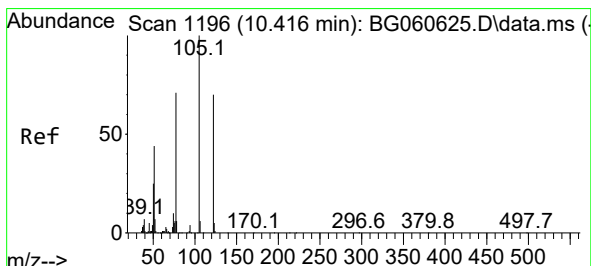
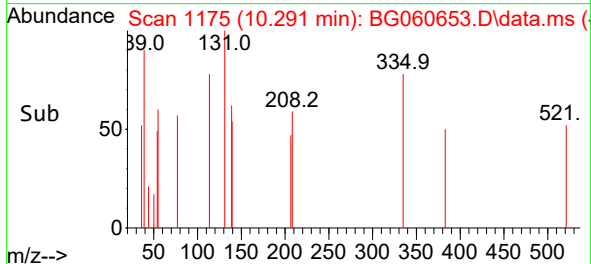
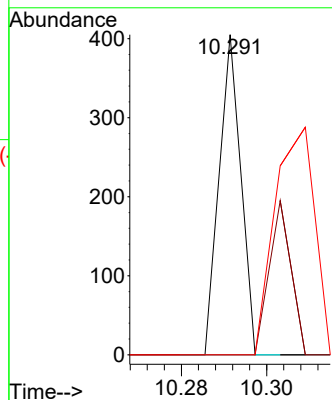
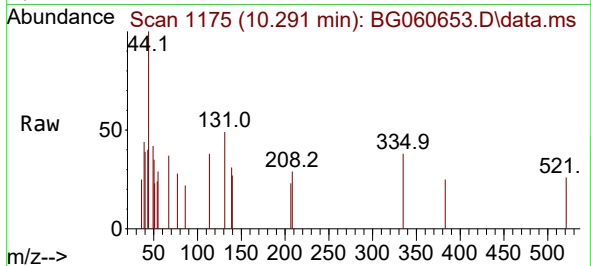




#26
2-Nitrophenol
Concen: 2.275 ng
RT: 10.291 min Scan# 1175
Delta R.T. 0.016 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

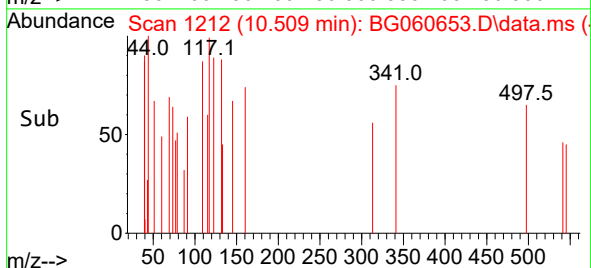
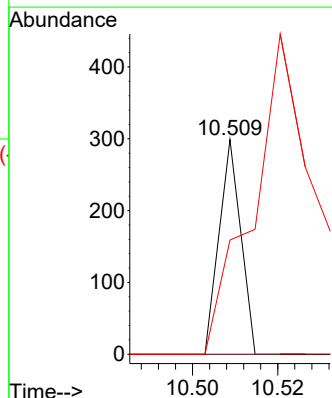
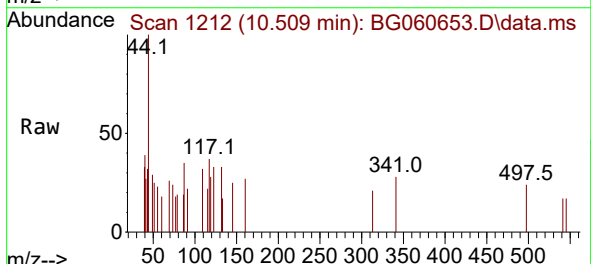
Instrument :
BNA_G
ClientSampleId :
MW-2A

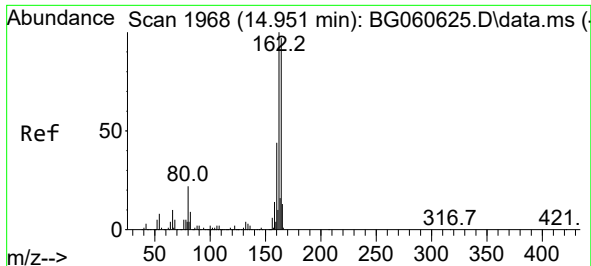
Tgt Ion:139 Resp: 143
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.039 ng
RT: 10.509 min Scan# 1212
Delta R.T. 0.093 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:122 Resp: 105
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 53.2 79.0 119.0#

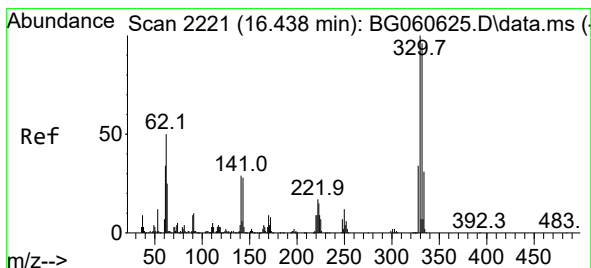
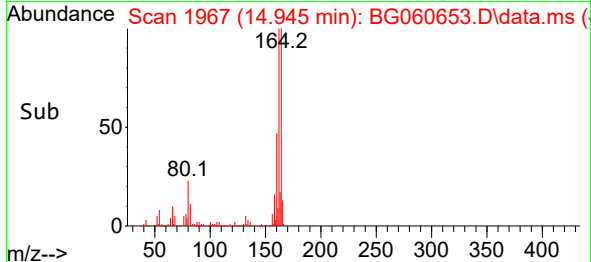
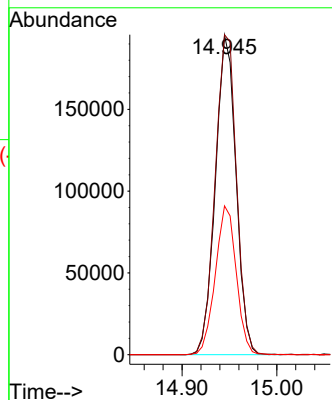
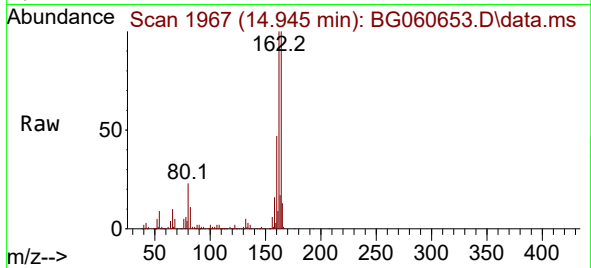




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

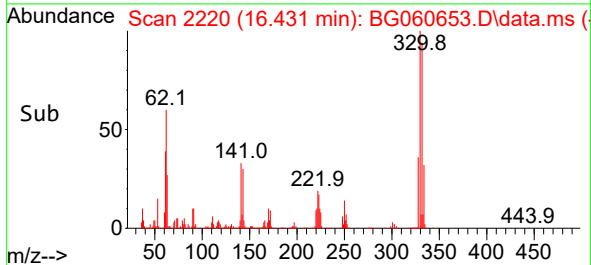
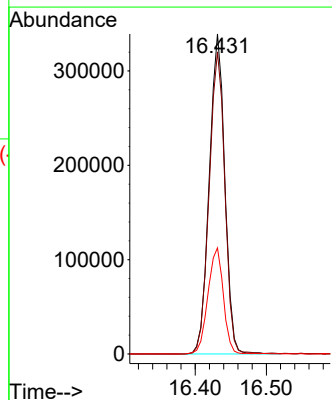
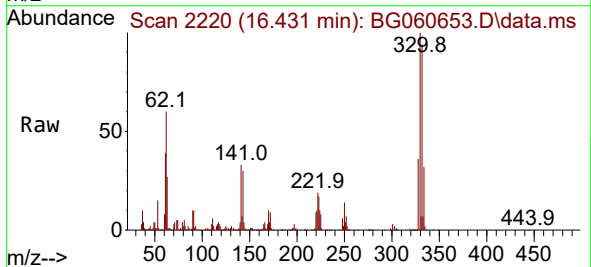
Instrument :
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ClientSampleId :
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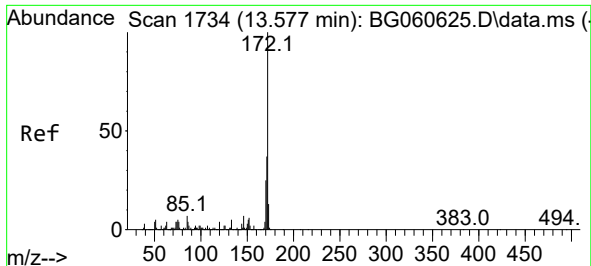
Tgt Ion:164 Resp: 295821
Ion Ratio Lower Upper
164 100
162 100.1 82.5 123.7
160 46.6 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 150.197 ng
RT: 16.431 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:330 Resp: 514867
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.8
141 33.1 25.4 38.2

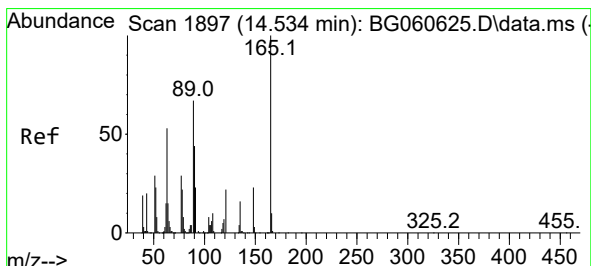
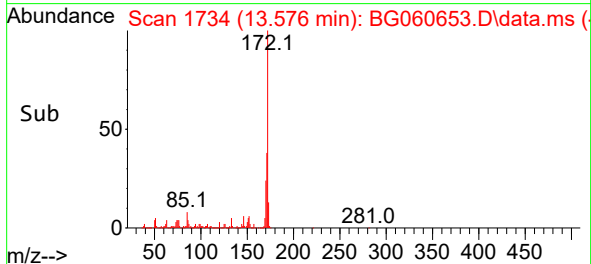
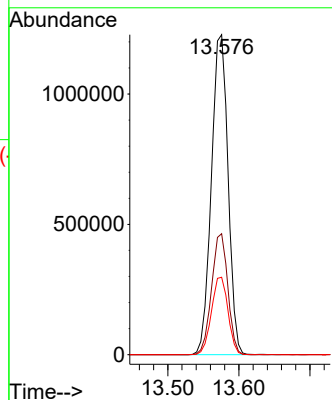
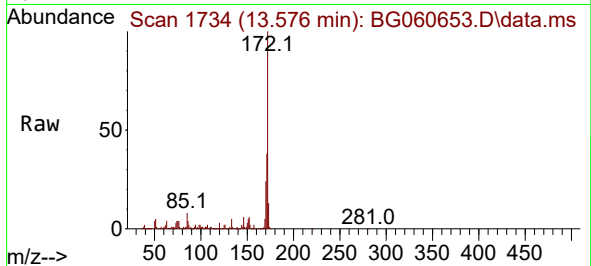




#45
2-Fluorobiphenyl
Concen: 91.438 ng
RT: 13.576 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

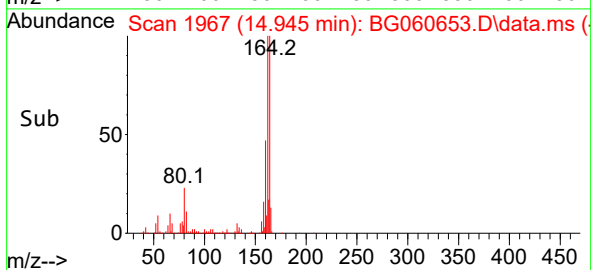
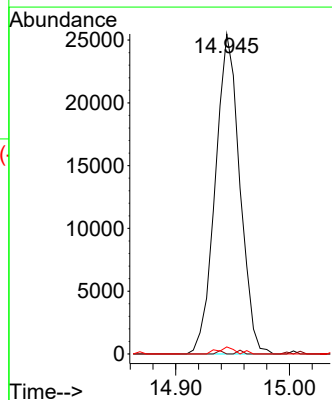
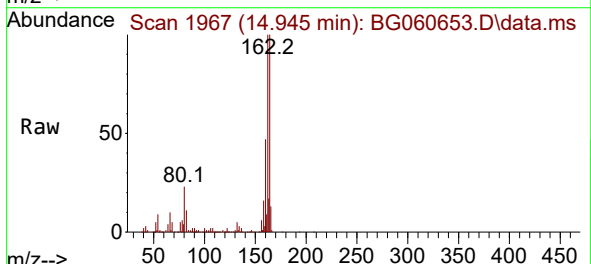
Instrument :
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ClientSampleId :
MW-2A

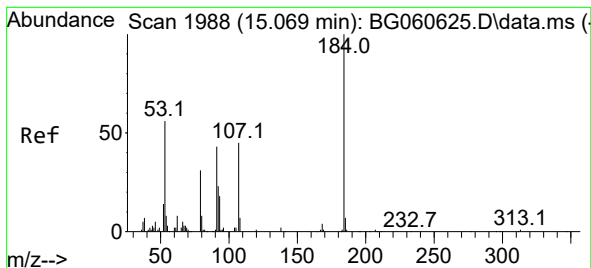
Tgt Ion:172 Resp: 2000622
Ion Ratio Lower Upper
172 100
171 37.8 29.9 44.9
170 24.2 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.339 ng
RT: 14.945 min Scan# 1967
Delta R.T. 0.411 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:165 Resp: 38180
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.6#
89 2.2 54.1 81.1#

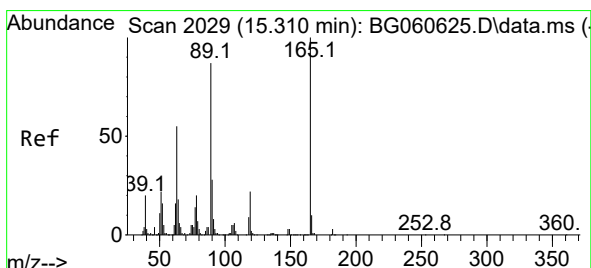
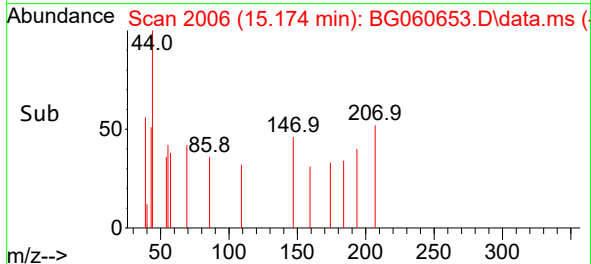
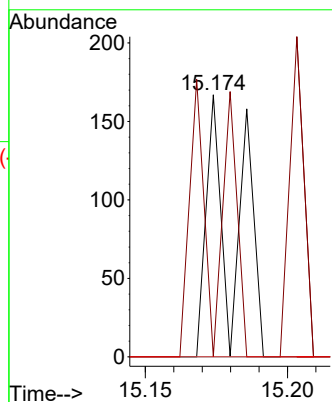
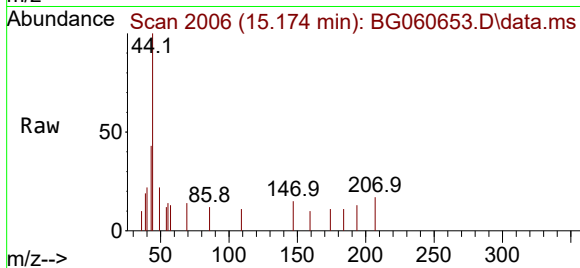




#54
2,4-Dinitrophenol
Concen: 6.894 ng
RT: 15.174 min Scan# 20
Delta R.T. 0.105 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

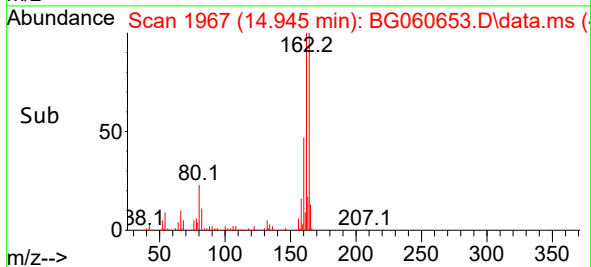
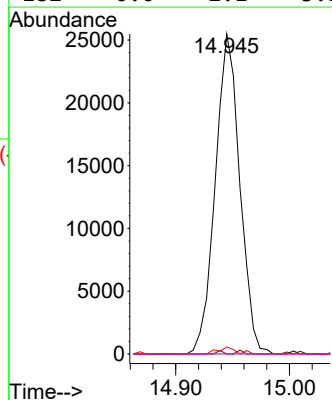
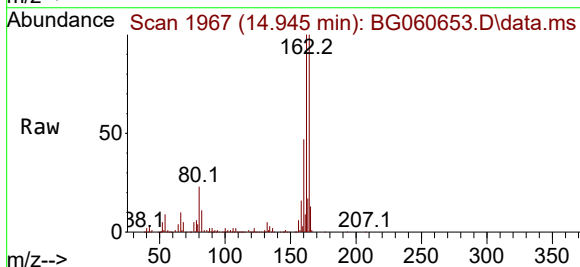
Instrument :
BNA_G
ClientSampleId :
MW-2A

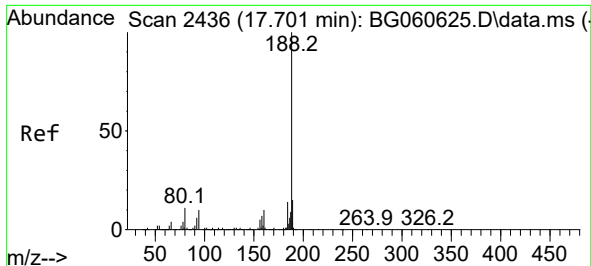
Tgt Ion:184 Resp: 115
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.424 ng
RT: 14.945 min Scan# 1967
Delta R.T. -0.365 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:165 Resp: 38180
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 2.2 69.7 104.5#
182 0.0 2.1 3.1#

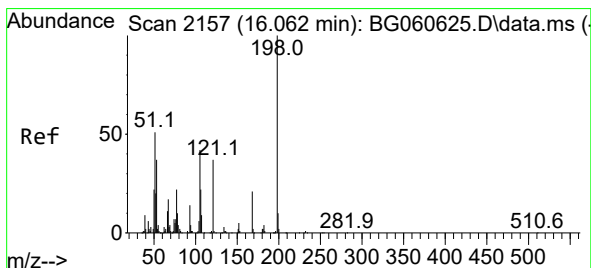
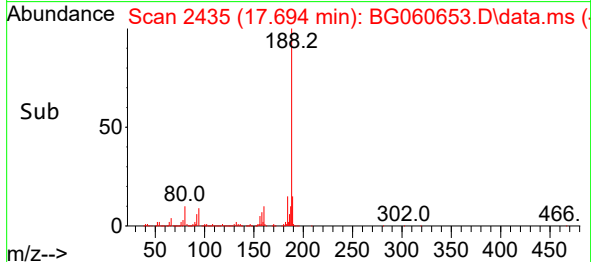
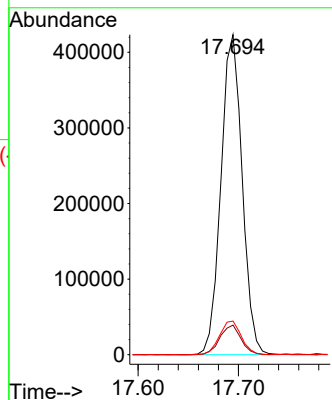
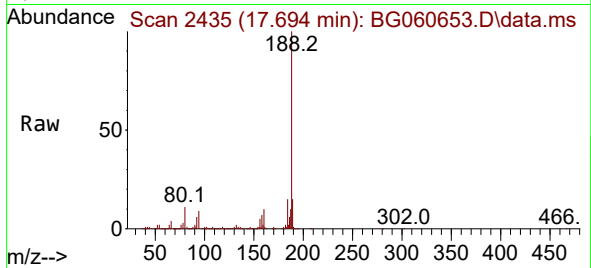




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

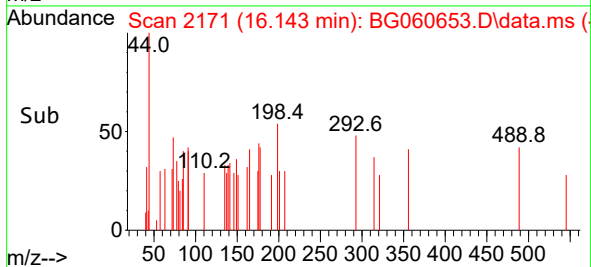
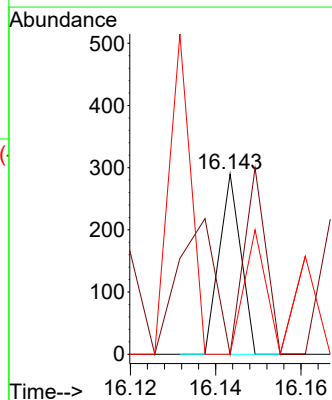
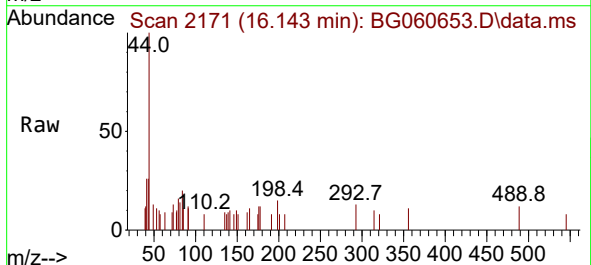
Instrument :
BNA_G
ClientSampleId :
MW-2A

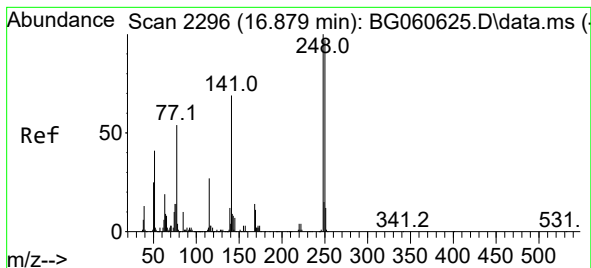
Tgt Ion:188 Resp: 620389
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.5 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.847 ng
RT: 16.143 min Scan# 2171
Delta R.T. 0.081 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:198 Resp: 102
Ion Ratio Lower Upper
198 100
51 0.0 36.9 76.9#
105 0.0 22.4 62.4#

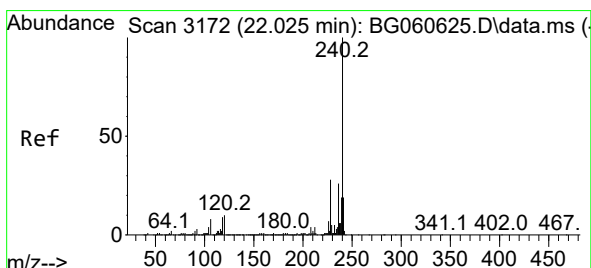
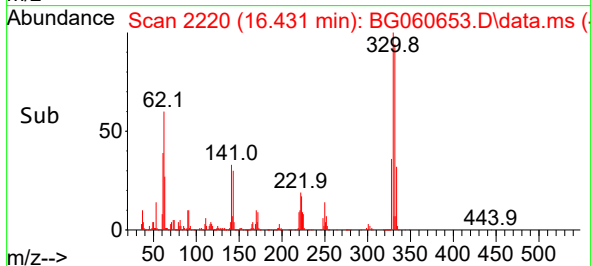
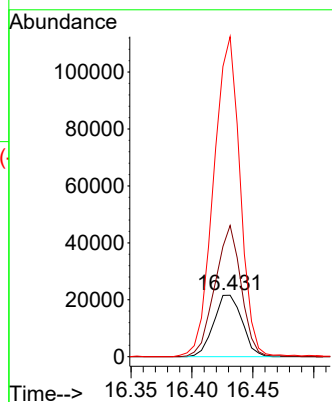
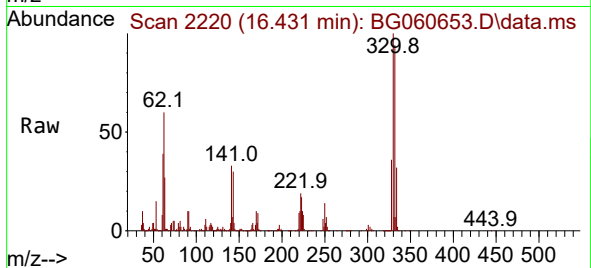




#67
4-Bromophenyl-phenylether
Concen: 5.222 ng
RT: 16.431 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

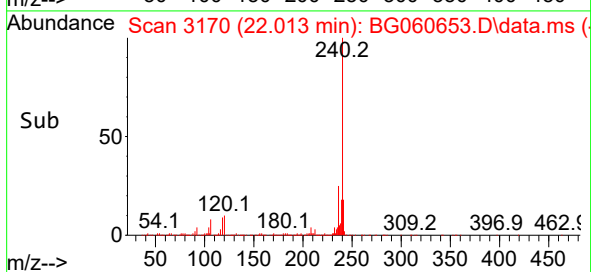
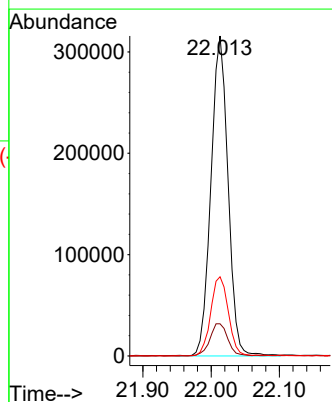
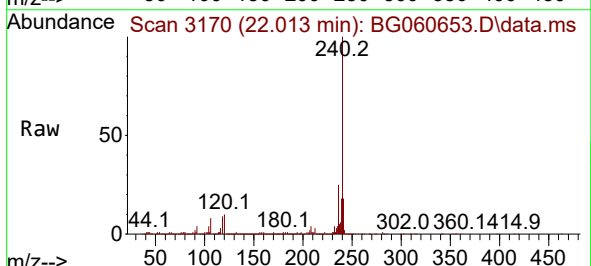
Instrument :
BNA_G
ClientSampleId :
MW-2A

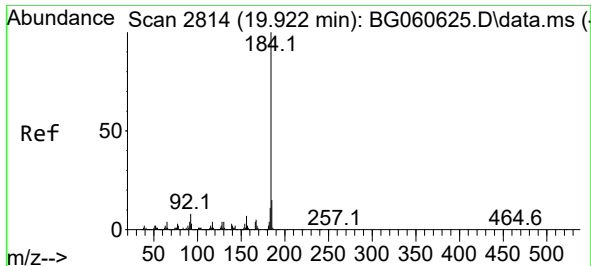
Tgt Ion:248 Resp: 34935
Ion Ratio Lower Upper
248 100
250 213.7 77.8 116.6#
141 521.1 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3170
Delta R.T. -0.012 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:240 Resp: 550440
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.8
236 24.8 20.6 31.0

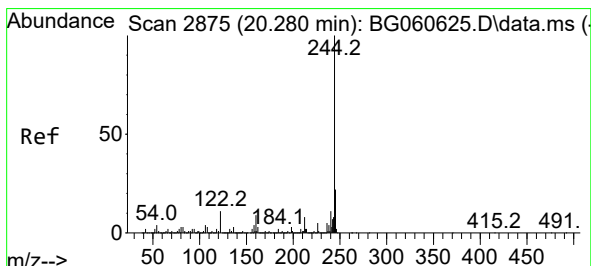
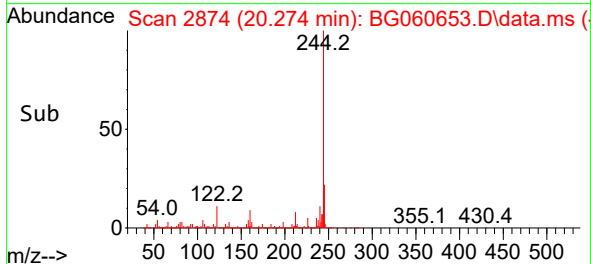
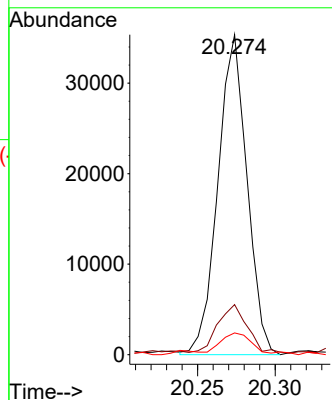
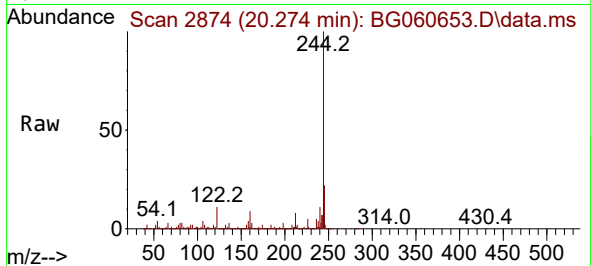




#77
Benzidine
Concen: 3.421 ng
RT: 20.274 min Scan# 2874
Delta R.T. 0.352 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

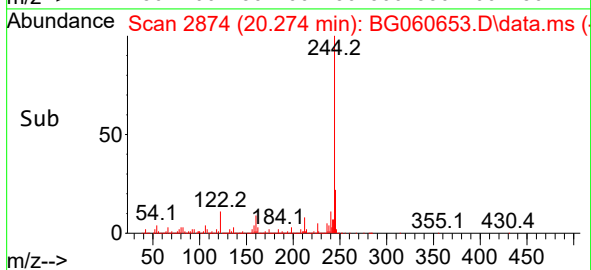
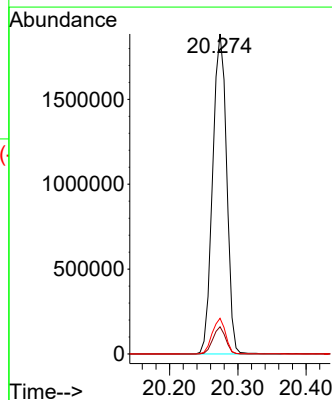
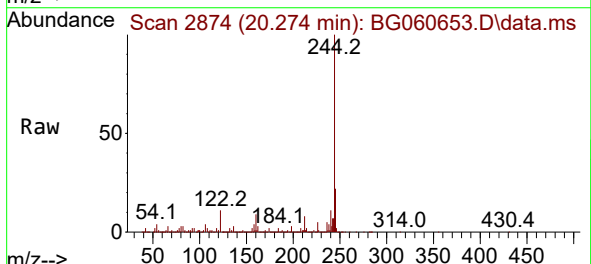
Instrument :
BNA_G
ClientSampleId :
MW-2A

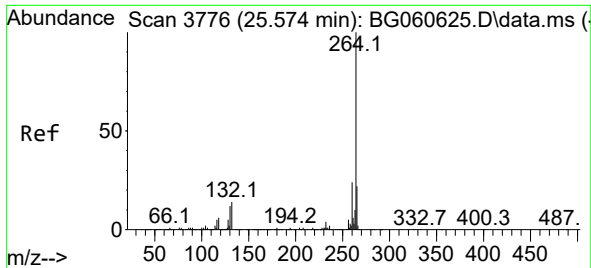
Tgt Ion:184 Resp: 46065
Ion Ratio Lower Upper
184 100
185 15.7 11.7 17.5
183 6.8 9.2 13.8#



#79
Terphenyl-d14
Concen: 88.473 ng
RT: 20.274 min Scan# 2874
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Tgt Ion:244 Resp: 2694206
Ion Ratio Lower Upper
244 100
212 8.5 6.6 9.8
122 11.2 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.568 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG060653.D
Acq: 15 Mar 2024 1:21

Instrument :
BNA_G
ClientSampleId :
MW-2A

Tgt Ion:264 Resp: 630405
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 20.4 18.1 27.1

