

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060654.D
 Acq On : 15 Mar 2024 2:01
 Operator : MA/JU
 Sample : P1749-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Quant Time: Mar 15 03:49:14 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)

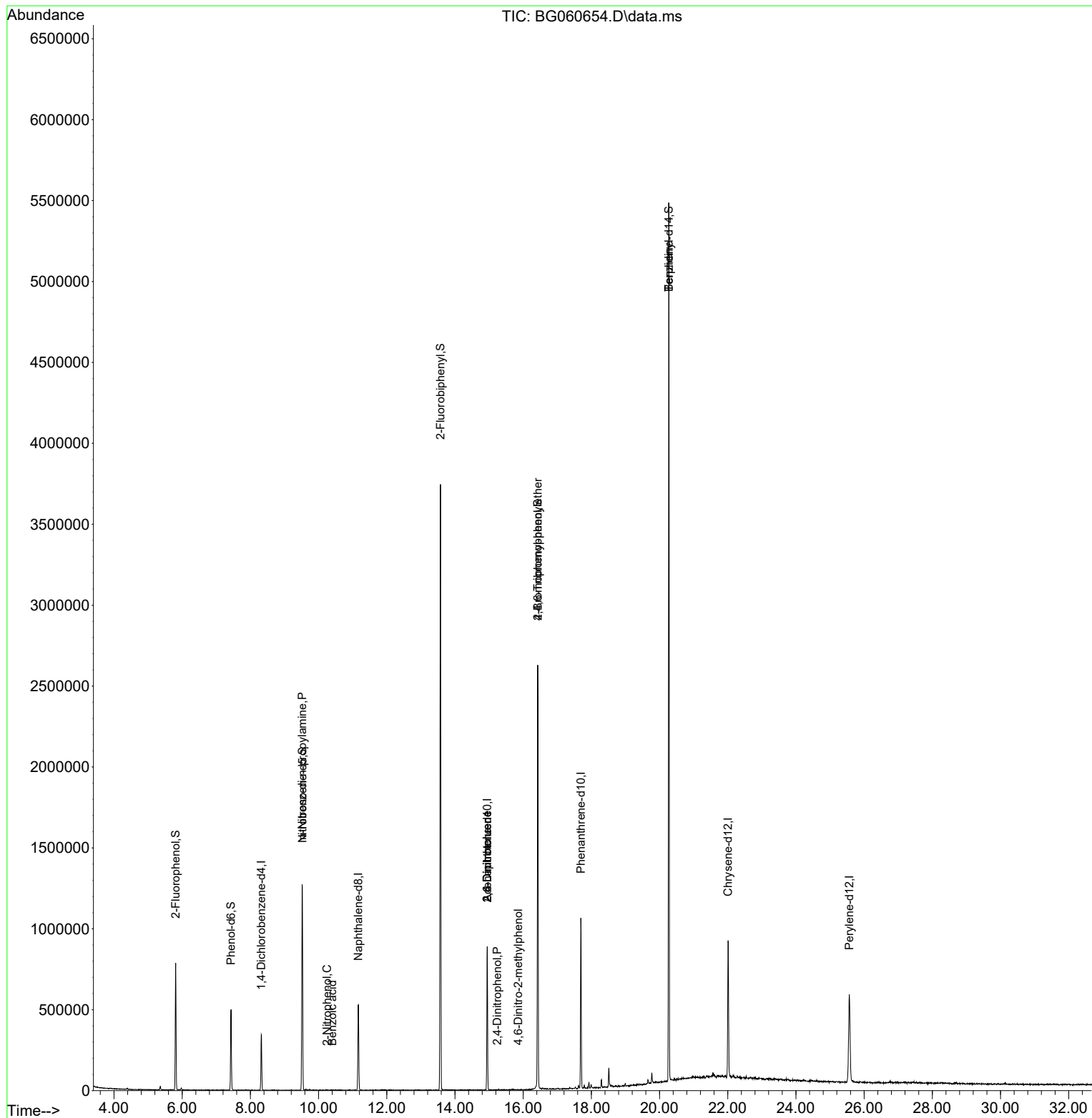
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.320	152	94528	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	450341	20.000	ng	0.00
39) Acenaphthene-d10	14.948	164	307383	20.000	ng	0.00
64) Phenanthrene-d10	17.692	188	629640	20.000	ng	0.00
76) Chrysene-d12	22.010	240	542365	20.000	ng	-0.02
86) Perylene-d12	25.565	264	626643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	323868	53.859	ng	0.00
7) Phenol-d6	7.433	99	281509	32.272	ng	0.00
23) Nitrobenzene-d5	9.525	82	767119	88.652	ng	0.00
42) 2,4,6-Tribromophenol	16.428	330	484162	135.927	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	1923970	84.627	ng	0.00
79) Terphenyl-d14	20.271	244	2661531	88.701	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.519	70	94895	15.694	ng	# 79
26) 2-Nitrophenol	10.247	139	64	2.253	ng	# 23
32) Benzoic acid	10.406	122	153	6.047	ng	# 1
51) 2,6-Dinitrotoluene	14.948	165	39366	9.267	ng	# 17
54) 2,4-Dinitrophenol	15.241	184	68	6.873	ng	# 17
57) 2,4-Dinitrotoluene	14.948	165	39366	7.367	ng	# 16
65) 4,6-Dinitro-2-methylph...	15.858	198	88	4.842	ng	# 20
67) 4-Bromophenyl-phenylether	16.428	248	31636	4.659	ng	# 1
77) Benzidine	20.271	184	44475	3.353	ng	# 92

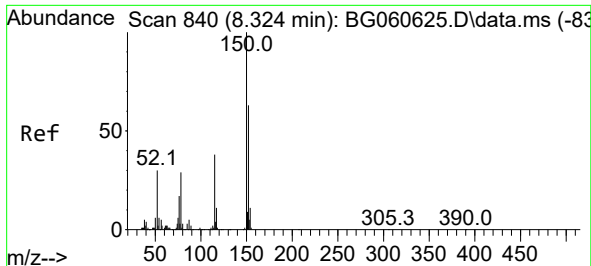
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060654.D
Acq On : 15 Mar 2024 2:01
Operator : MA/JU
Sample : P1749-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Time: Mar 15 03:49:14 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

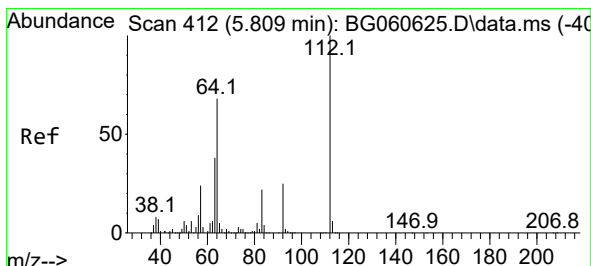
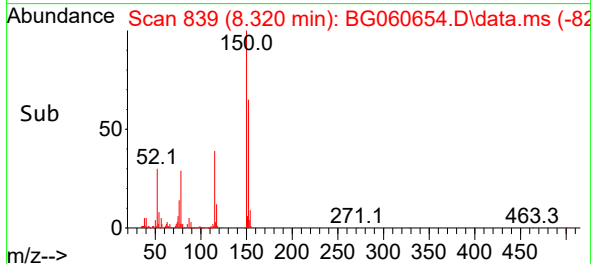
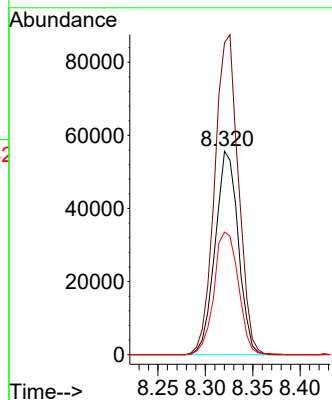
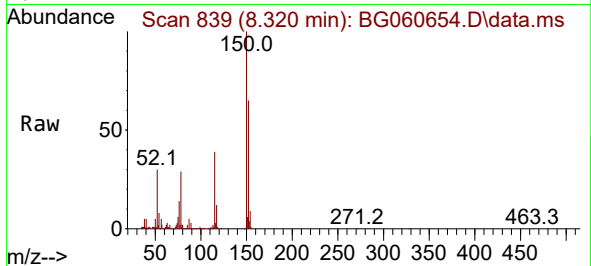




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.320 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

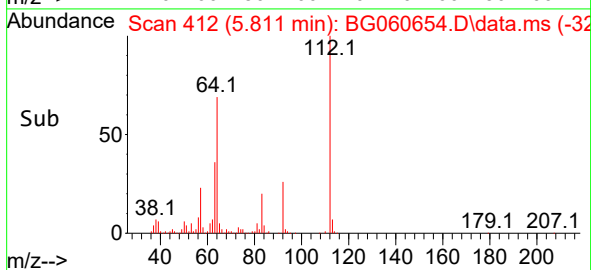
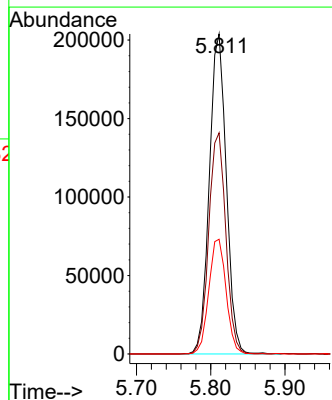
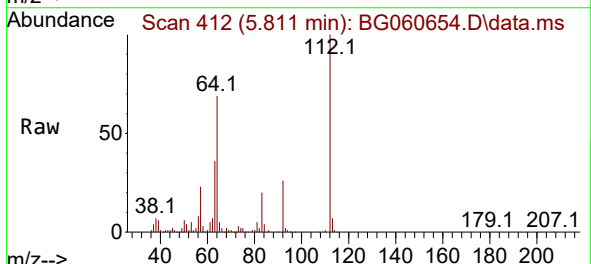
Instrument :
BNA_G
ClientSampleId :
MW-2

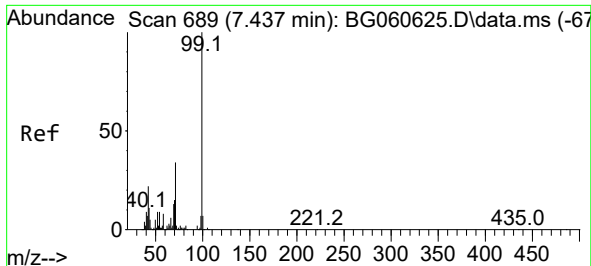
Tgt Ion:152 Resp: 94528
Ion Ratio Lower Upper
152 100
150 153.2 126.6 190.0
115 60.2 47.8 71.8



#5
2-Fluorophenol
Concen: 53.859 ng
RT: 5.811 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:112 Resp: 323868
Ion Ratio Lower Upper
112 100
64 69.1 54.1 81.1
63 35.8 30.3 45.5

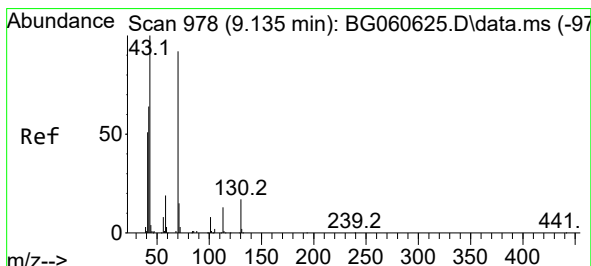
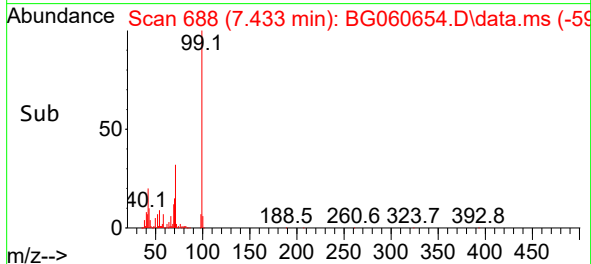
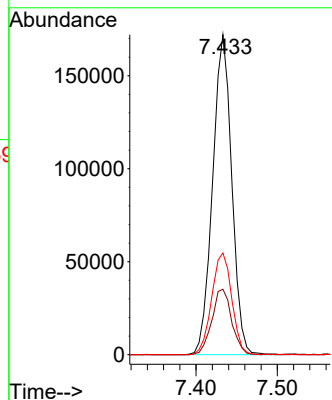
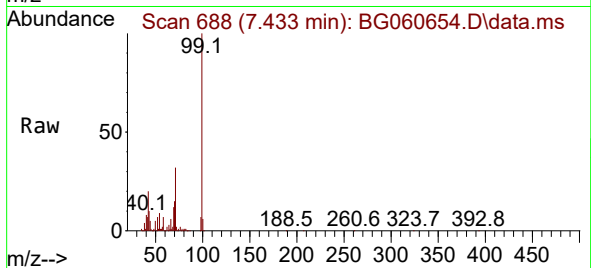




#7
Phenol-d6
Concen: 32.272 ng
RT: 7.433 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

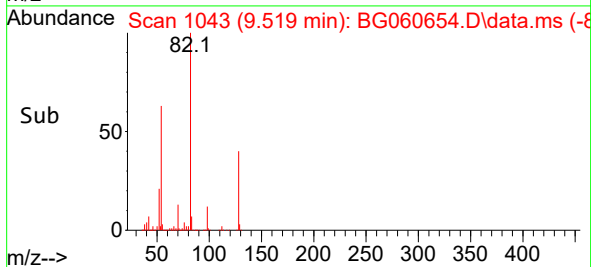
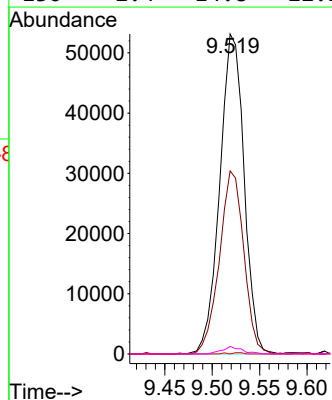
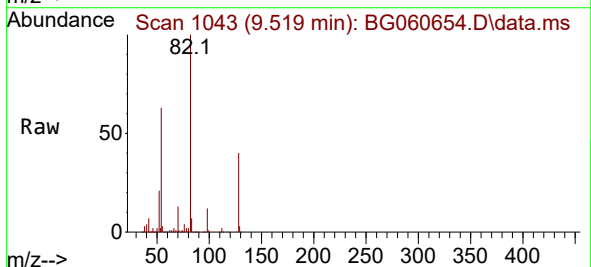
Instrument :
BNA_G
ClientSampleId :
MW-2

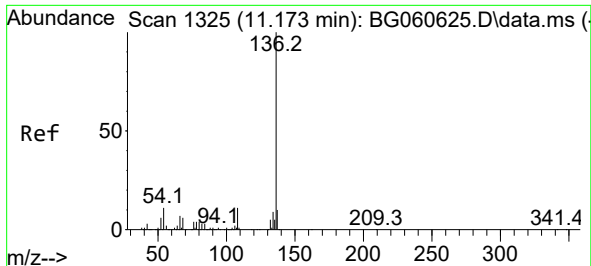
Tgt Ion: 99 Resp: 281509
Ion Ratio Lower Upper
99 100
42 20.4 17.5 26.3
71 31.8 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.694 ng
RT: 9.519 min Scan# 1043
Delta R.T. 0.384 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion: 70 Resp: 94895
Ion Ratio Lower Upper
70 100
42 57.2 56.2 84.2
101 0.0 7.4 11.0#
130 2.4 14.8 22.2#

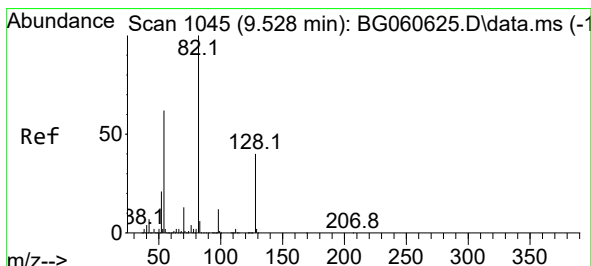
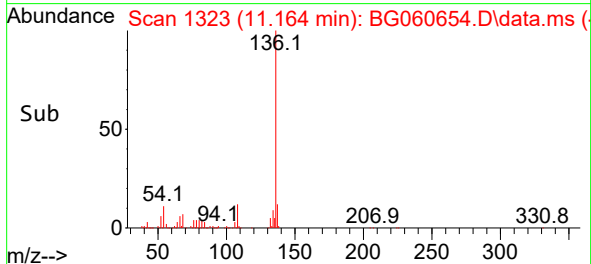
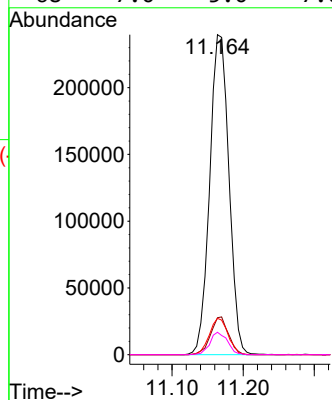
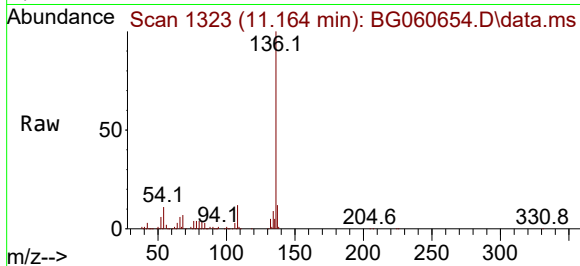




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

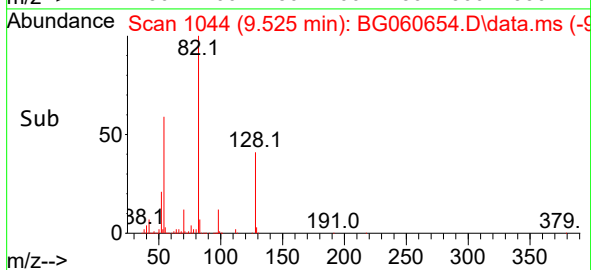
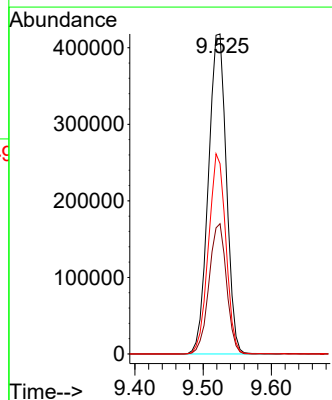
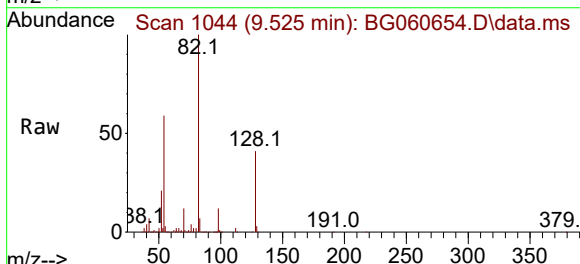
Instrument :
BNA_G
ClientSampleId :
MW-2

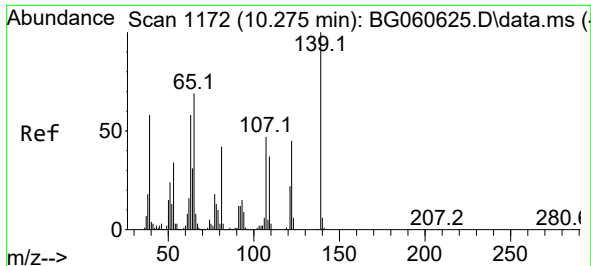
Tgt Ion:	136	Resp:	450341
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.4	12.6
54	11.4	8.5	12.7
68	7.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 88.652 ng
RT: 9.525 min Scan# 1044
Delta R.T. -0.004 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:	82	Resp:	767119
Ion Ratio	Lower	Upper	
82	100		
128	40.7	31.6	47.4
54	59.5	49.3	73.9

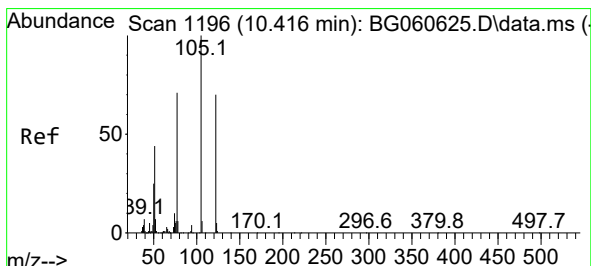
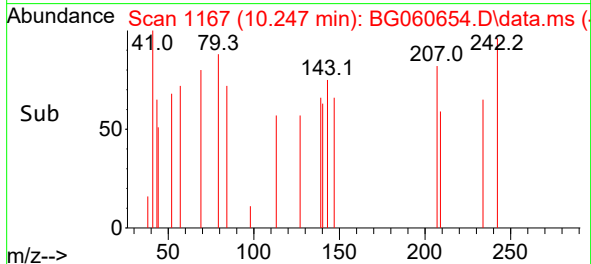
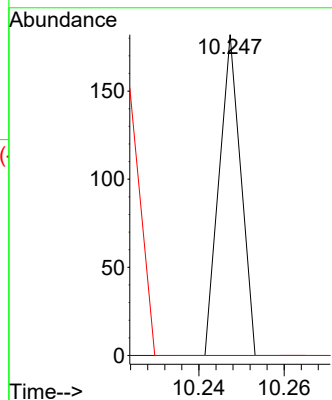
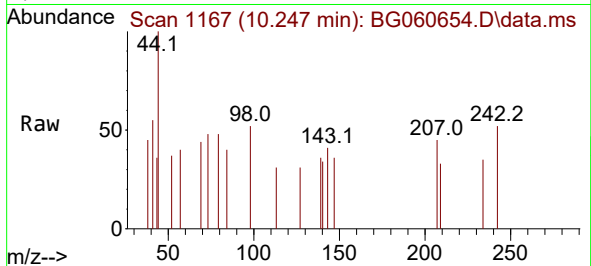




#26
2-Nitrophenol
Concen: 2.253 ng
RT: 10.247 min Scan# 1167
Delta R.T. -0.028 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

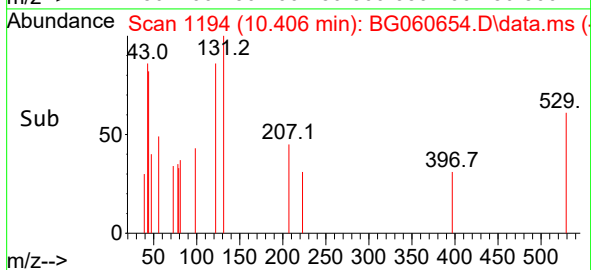
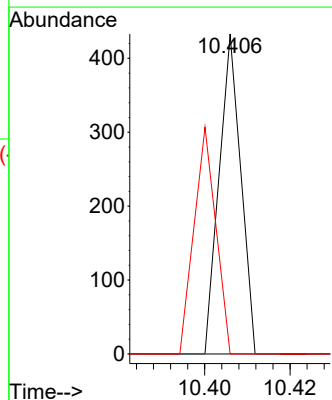
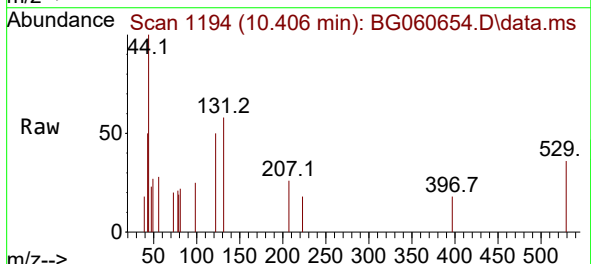
Instrument :
BNA_G
ClientSampleId :
MW-2

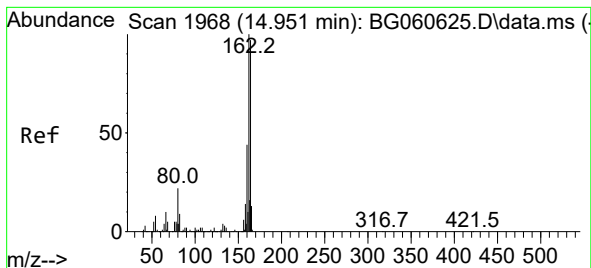
Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.047 ng
RT: 10.406 min Scan# 1194
Delta R.T. -0.010 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:122 Resp: 153
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: 14.948 min Scan# 1967

Delta R.T. -0.004 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

Instrument :

BNA_G

ClientSampleId :

MW-2

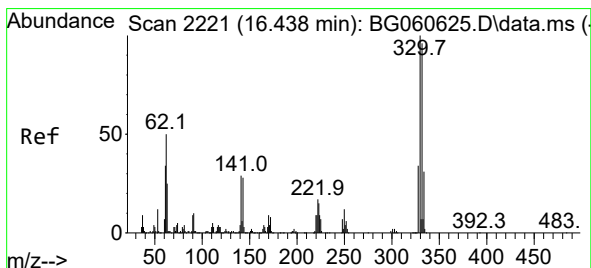
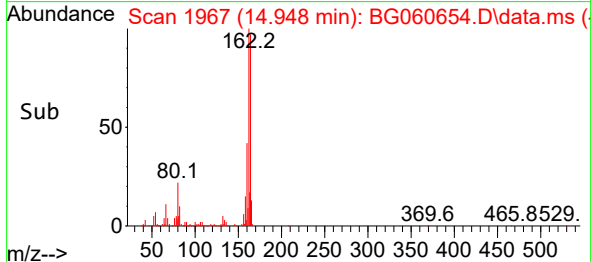
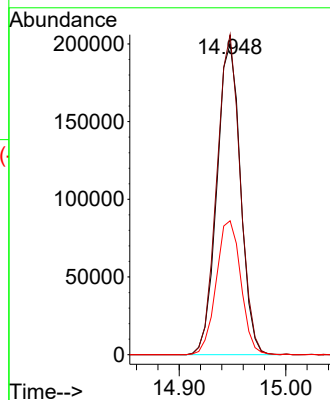
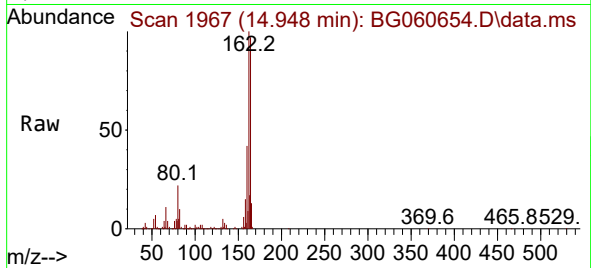
Tgt Ion:164 Resp: 307383

Ion Ratio Lower Upper

164 100

162 102.9 82.5 123.7

160 43.1 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 135.927 ng

RT: 16.428 min Scan# 2219

Delta R.T. -0.010 min

Lab File: BG060654.D

Acq: 15 Mar 2024 2:01

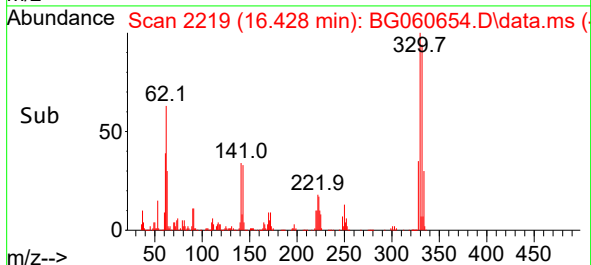
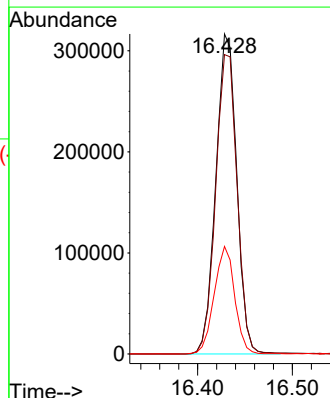
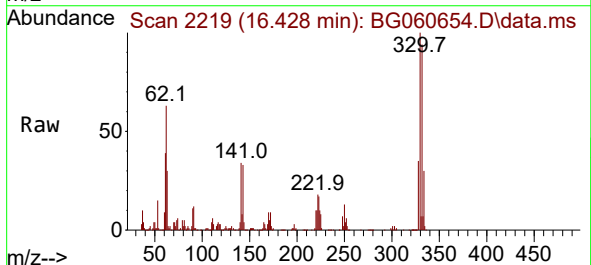
Tgt Ion:330 Resp: 484162

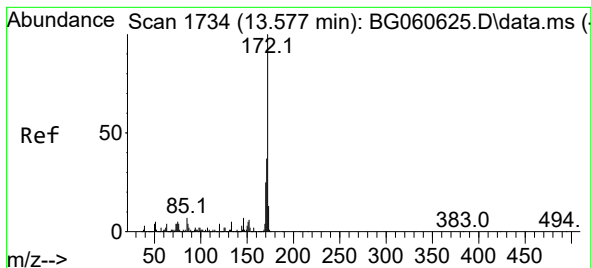
Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.8

141 33.1 25.4 38.2

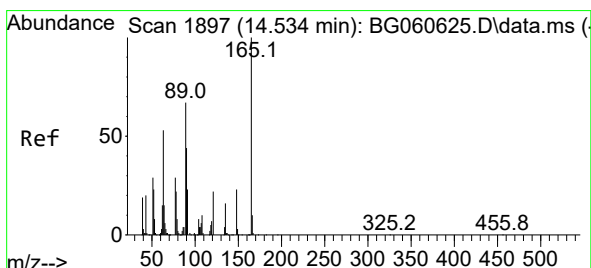
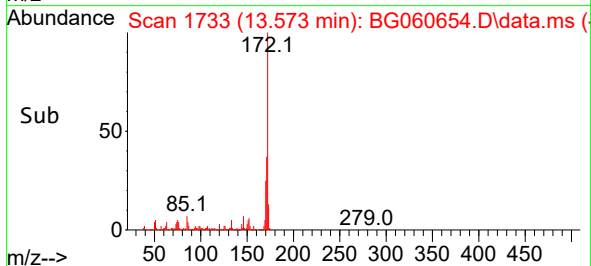
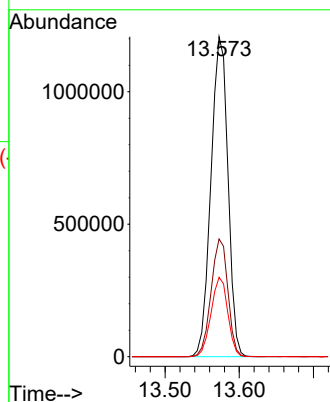
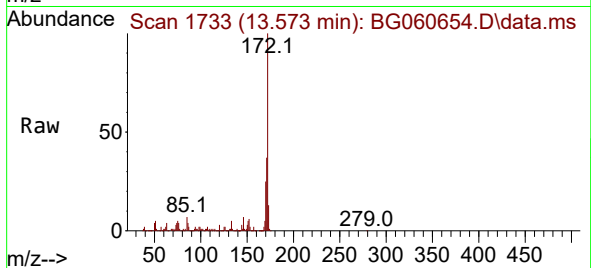




#45
2-Fluorobiphenyl
Concen: 84.627 ng
RT: 13.573 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

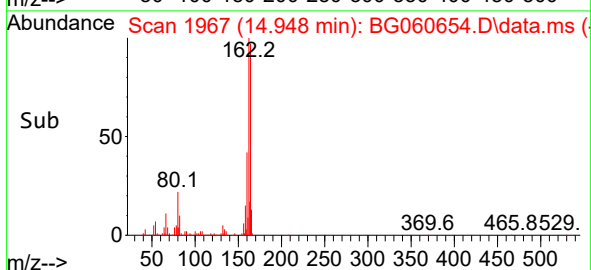
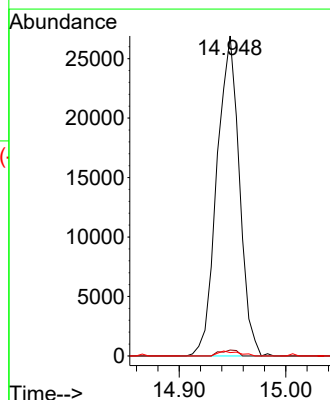
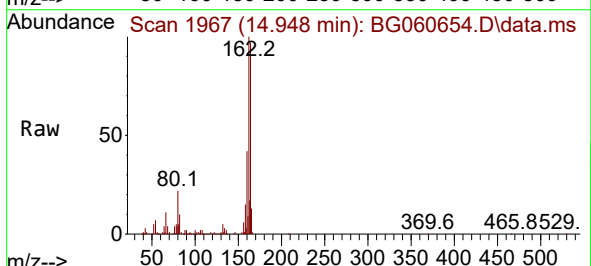
Instrument :
BNA_G
ClientSampleId :
MW-2

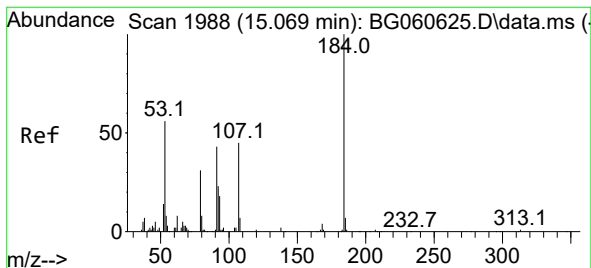
Tgt Ion:172 Resp: 1923970
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.8 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.267 ng
RT: 14.948 min Scan# 1967
Delta R.T. 0.414 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:165 Resp: 39366
Ion Ratio Lower Upper
165 100
63 1.9 55.8 83.6#
89 1.1 54.1 81.1#

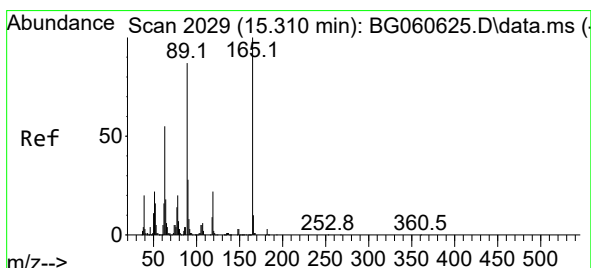
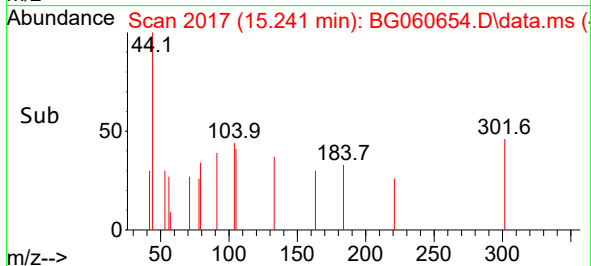
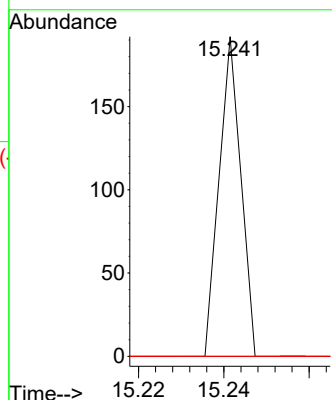
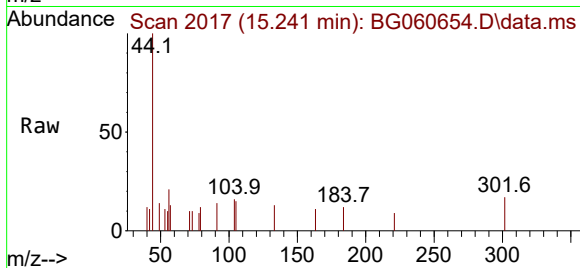




#54
2,4-Dinitrophenol
Concen: 6.873 ng
RT: 15.241 min Scan# 20
Delta R.T. 0.172 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

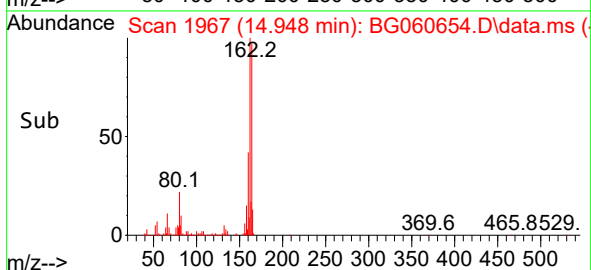
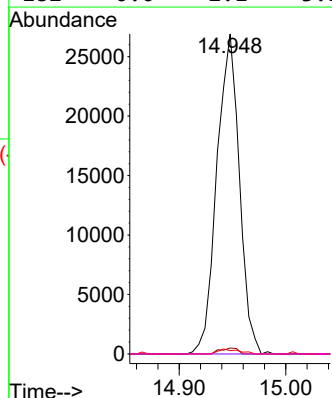
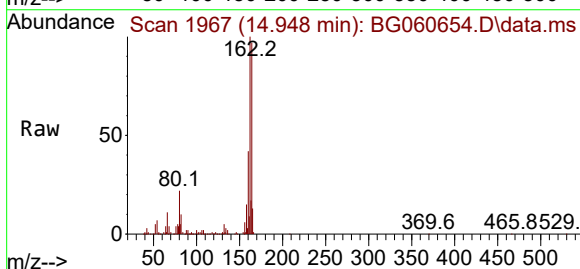
Instrument :
BNA_G
ClientSampleId :
MW-2

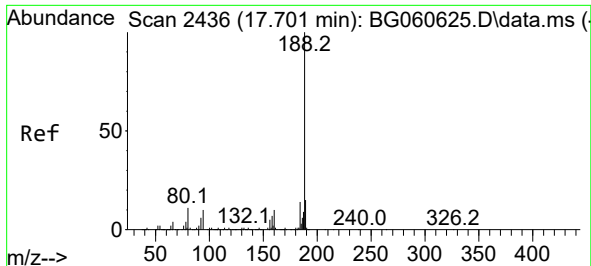
Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.367 ng
RT: 14.948 min Scan# 1967
Delta R.T. -0.362 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:165 Resp: 39366
Ion Ratio Lower Upper
165 100
63 1.9 44.1 66.1#
89 1.1 69.7 104.5#
182 0.0 2.1 3.1#

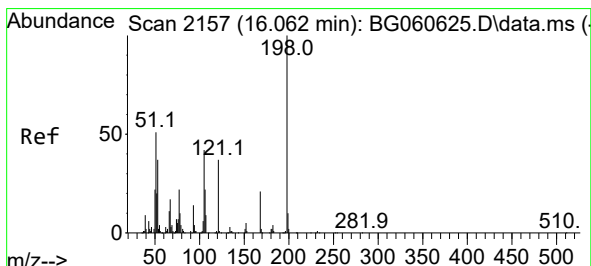
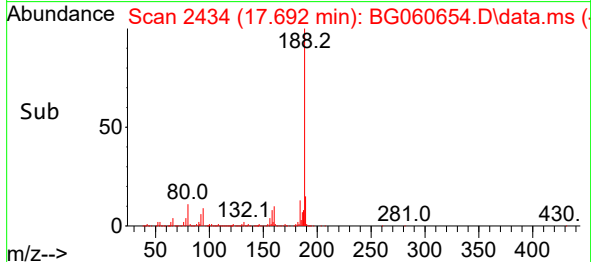
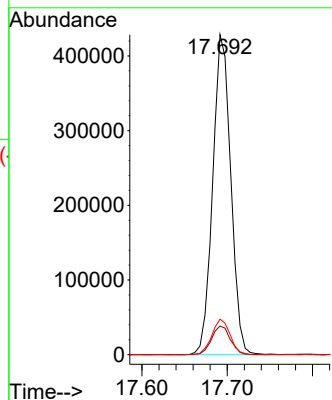
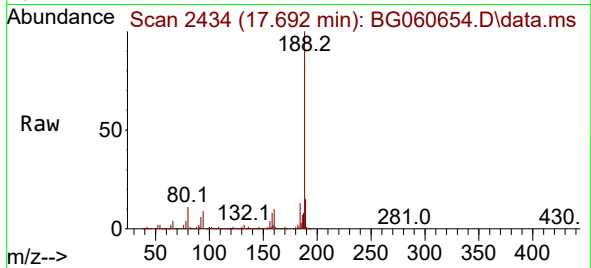




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.692 min Scan# 2436
Delta R.T. -0.010 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

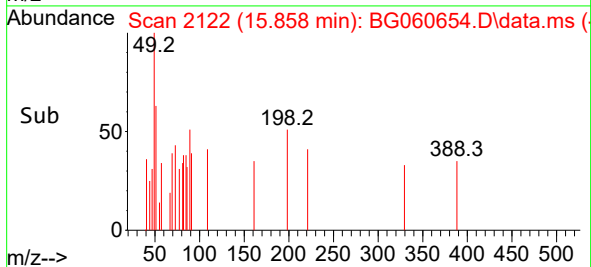
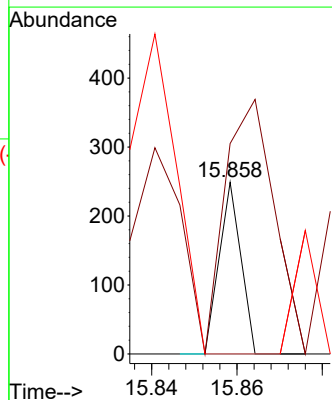
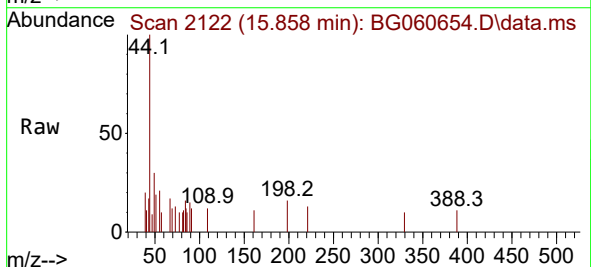
Instrument :
BNA_G
ClientSampleId :
MW-2

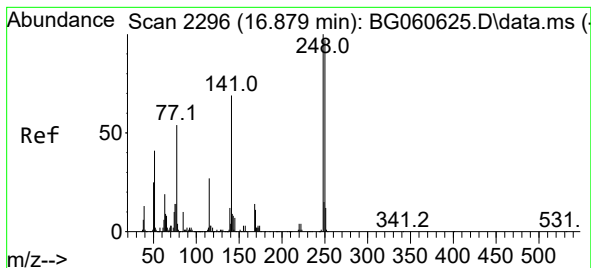
Tgt Ion:188 Resp: 629640
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 11.1 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.842 ng
RT: 15.858 min Scan# 2122
Delta R.T. -0.204 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:198 Resp: 88
Ion Ratio Lower Upper
198 100
51 122.5 36.9 76.9#
105 0.0 22.4 62.4#

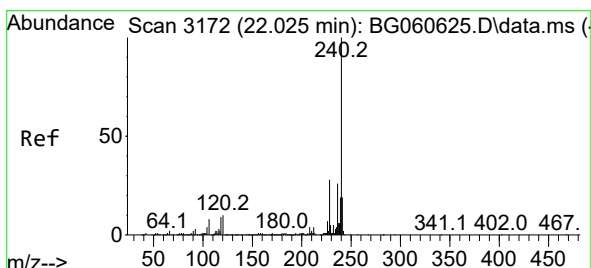
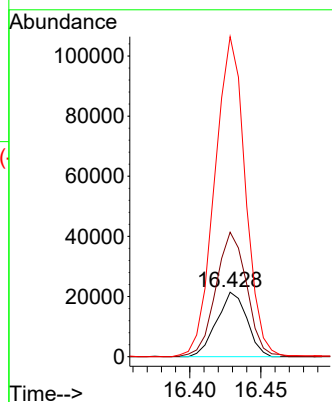
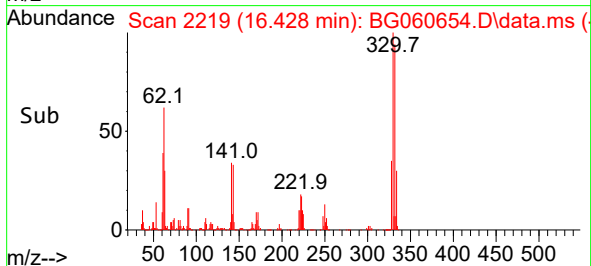
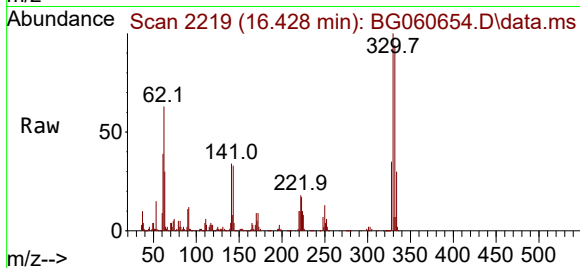




#67
4-Bromophenyl-phenylether
Concen: 4.659 ng
RT: 16.428 min Scan# 211
Delta R.T. -0.450 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

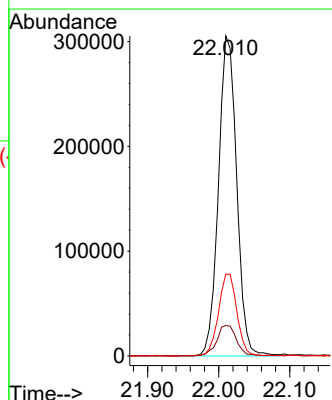
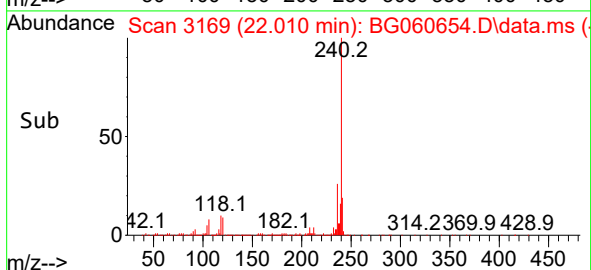
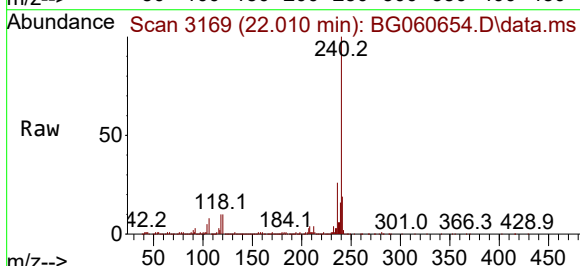
Instrument :
BNA_G
ClientSampleId :
MW-2

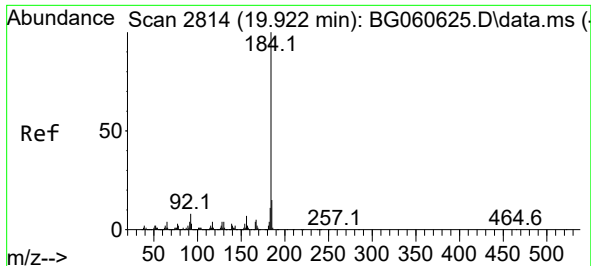
Tgt Ion:248 Resp: 31636
Ion Ratio Lower Upper
248 100
250 193.0 77.8 116.6#
141 496.2 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.010 min Scan# 3169
Delta R.T. -0.015 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:240 Resp: 542365
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.8
236 25.6 20.6 31.0

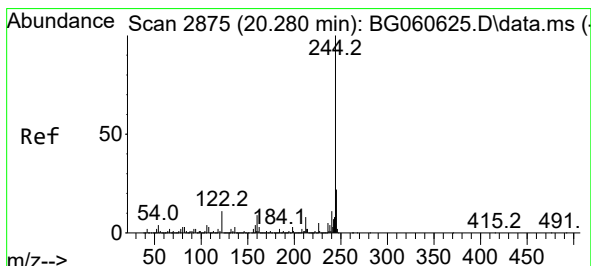
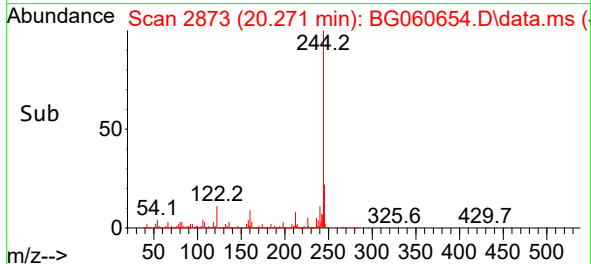
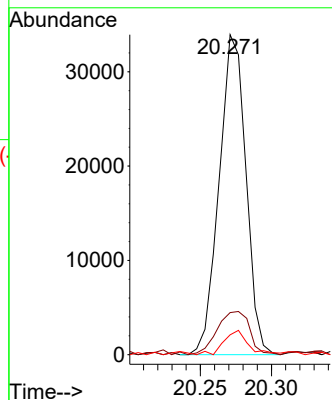
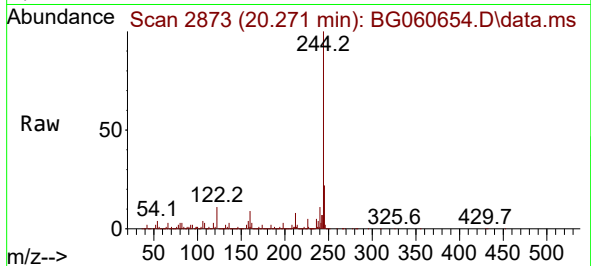




#77
Benzidine
Concen: 3.353 ng
RT: 20.271 min Scan# 2873
Delta R.T. 0.349 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

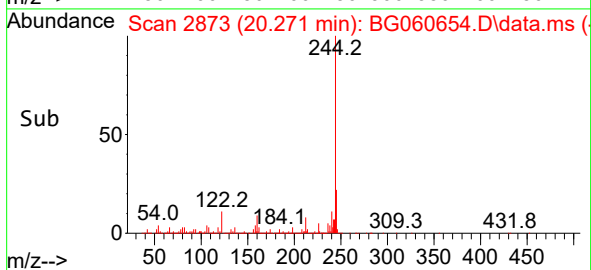
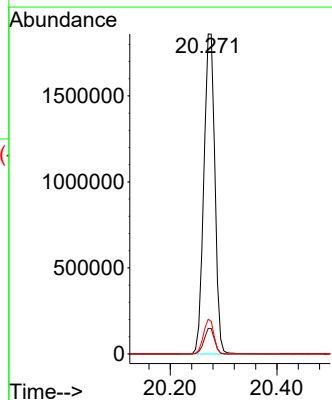
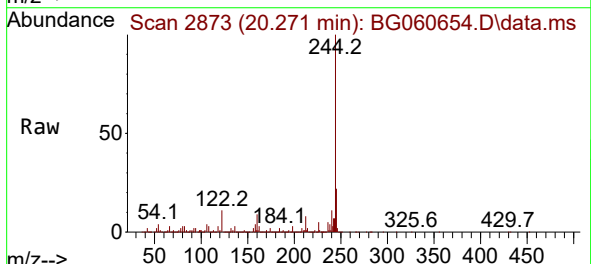
Instrument :
BNA_G
ClientSampleId :
MW-2

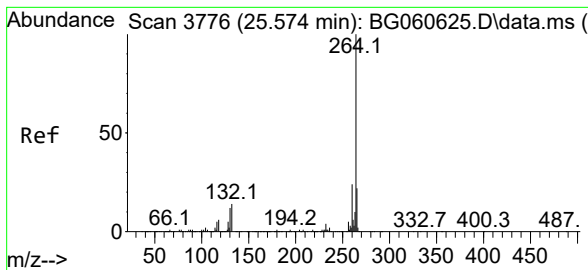
Tgt Ion:184 Resp: 44475
Ion Ratio Lower Upper
184 100
185 13.2 11.7 17.5
183 6.2 9.2 13.8#



#79
Terphenyl-d14
Concen: 88.701 ng
RT: 20.271 min Scan# 2873
Delta R.T. -0.010 min
Lab File: BG060654.D
Acq: 15 Mar 2024 2:01

Tgt Ion:244 Resp: 2661531
Ion Ratio Lower Upper
244 100
212 8.0 6.6 9.8
122 10.9 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.565 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG060654.D
 Acq: 15 Mar 2024 2:01

Instrument :
 BNA_G
 ClientSampleId :
 MW-2

Tgt Ion:264	Resp: 626643
Ion Ratio	Lower Upper
264	100
260	25.1 19.4 29.2
265	23.0 18.1 27.1

