

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060646.D
 Acq On : 14 Mar 2024 19:57
 Operator : MA/JU
 Sample : P1747-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Quant Time: Mar 15 01:37:31 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)

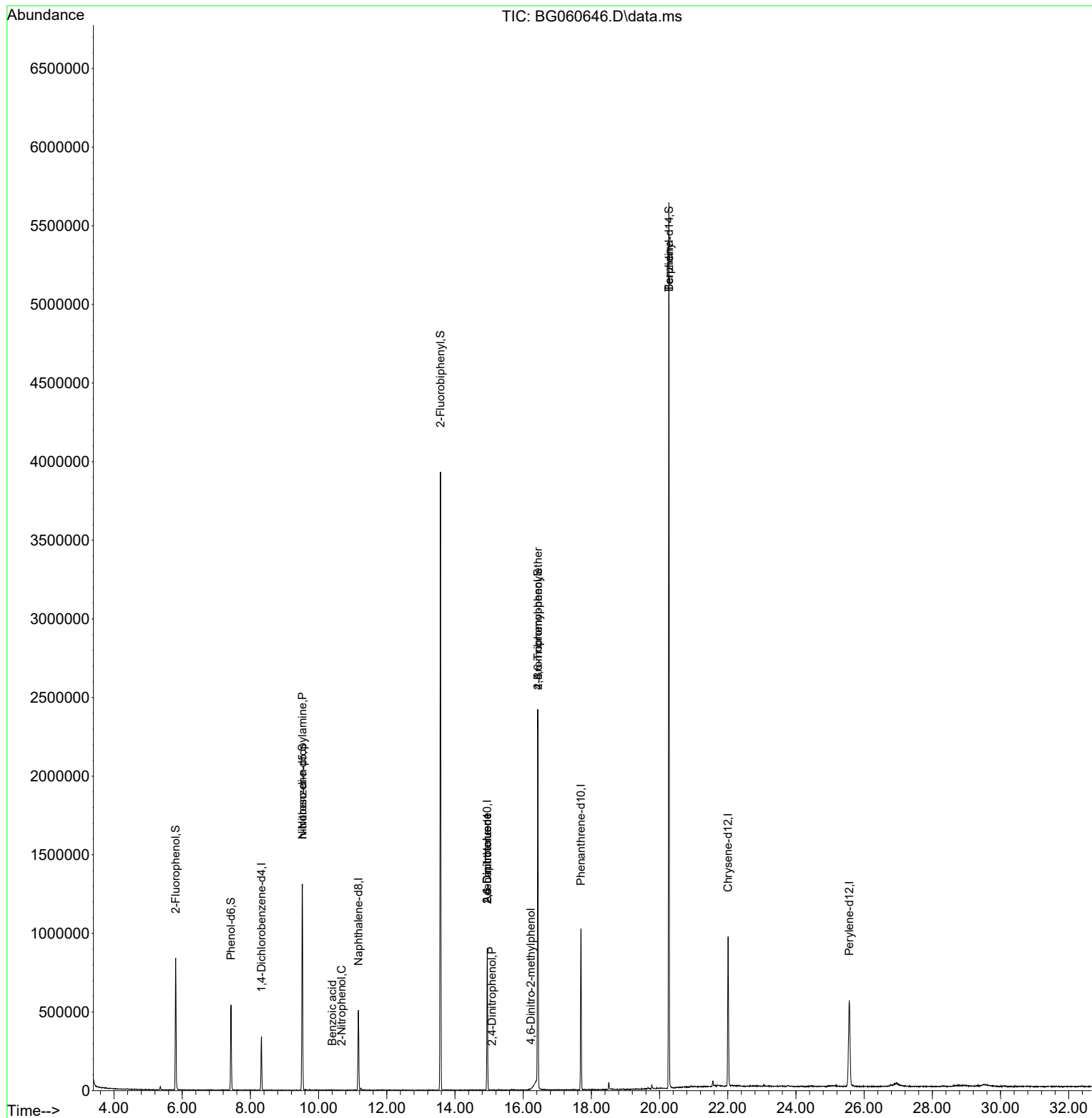
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	92415	20.000	ng	0.00
21) Naphthalene-d8	11.169	136	426428	20.000	ng	0.00
39) Acenaphthene-d10	14.947	164	303077	20.000	ng	0.00
64) Phenanthrene-d10	17.690	188	645630	20.000	ng	-0.01
76) Chrysene-d12	22.009	240	577543	20.000	ng	-0.02
86) Perylene-d12	25.564	264	656048	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	357002	60.726	ng	0.00
7) Phenol-d6	7.432	99	302033	35.417	ng	0.00
23) Nitrobenzene-d5	9.524	82	774174	94.485	ng	0.00
42) 2,4,6-Tribromophenol	16.433	330	441891	125.822	ng	0.00
45) 2-Fluorobiphenyl	13.572	172	2010784	89.702	ng	0.00
79) Terphenyl-d14	20.276	244	2822344	88.331	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.524	70	98065	16.590	ng	# 77
26) 2-Nitrophenol	10.675	139	77	2.258	ng	# 23
32) Benzoic acid	10.405	122	54	6.030	ng	# 1
51) 2,6-Dinitrotoluene	14.947	165	38179	9.116	ng	# 18
54) 2,4-Dinitrophenol	15.082	184	59	6.869	ng	# 17
57) 2,4-Dinitrotoluene	14.947	165	38179	7.246	ng	# 17
65) 4,6-Dinitro-2-methylph...	16.222	198	312	4.911	ng	# 70
67) 4-Bromophenyl-phenylether	16.433	248	29043	4.172	ng	# 1
77) Benzidine	20.276	184	47709	3.377	ng	# 92

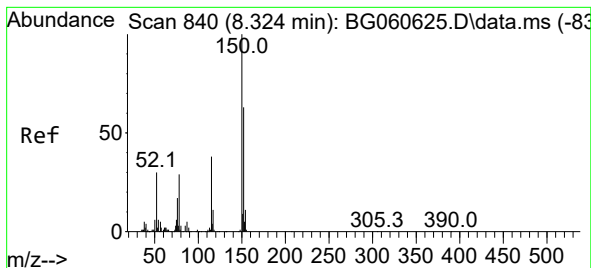
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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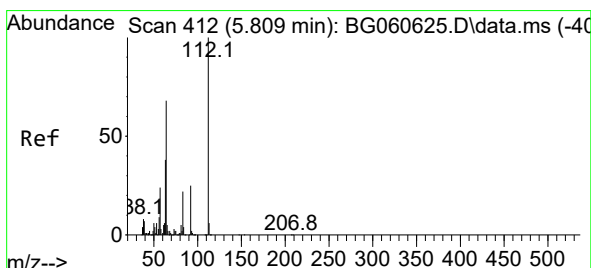
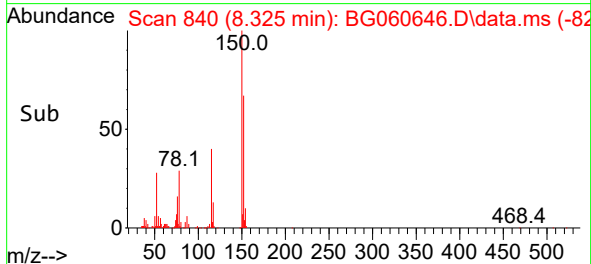
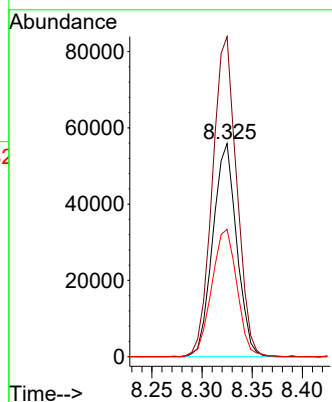
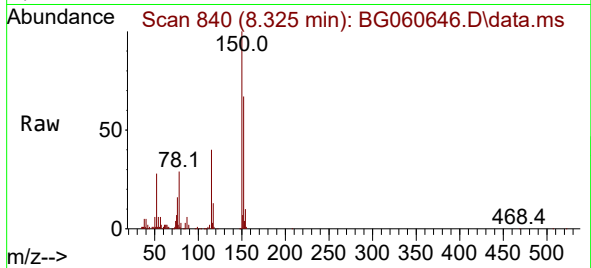




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.325 min Scan# 840
 Delta R.T. 0.001 min
 Lab File: BG060646.D
 Acq: 14 Mar 2024 19:57

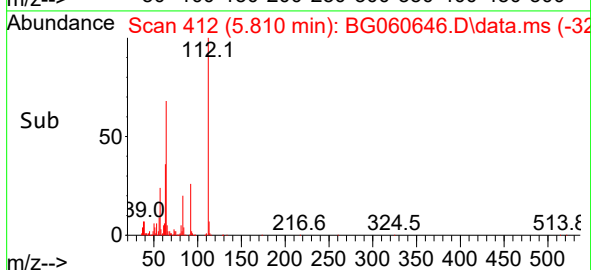
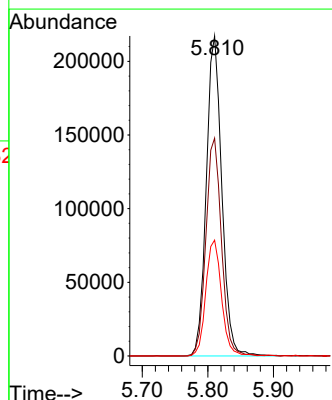
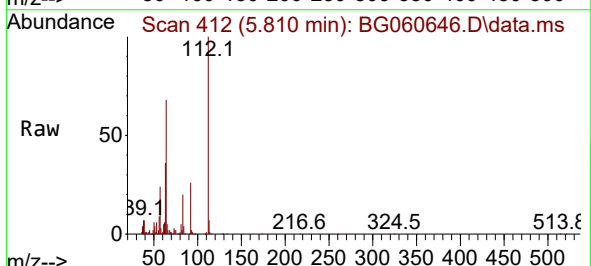
Instrument :
 BNA_G
 ClientSampleId :
 MW-04

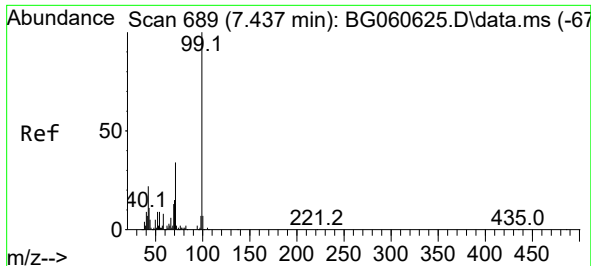
Tgt Ion:152 Resp: 92415
 Ion Ratio Lower Upper
 152 100
 150 150.1 126.6 190.0
 115 59.8 47.8 71.8



#5
 2-Fluorophenol
 Concen: 60.726 ng
 RT: 5.810 min Scan# 412
 Delta R.T. 0.001 min
 Lab File: BG060646.D
 Acq: 14 Mar 2024 19:57

Tgt Ion:112 Resp: 357002
 Ion Ratio Lower Upper
 112 100
 64 68.0 54.1 81.1
 63 36.2 30.3 45.5

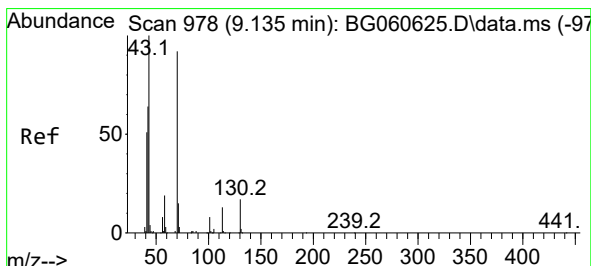
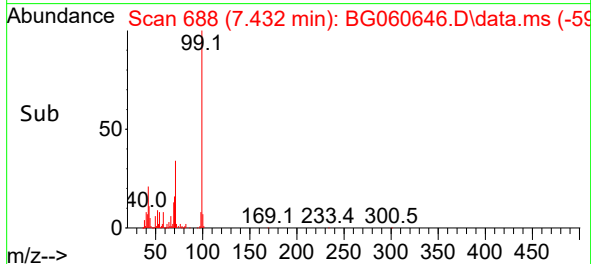
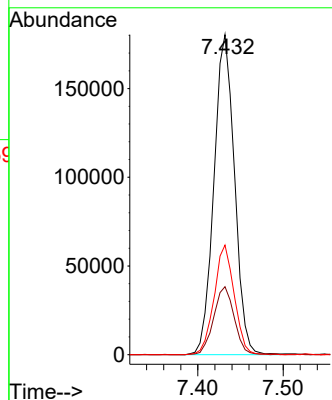
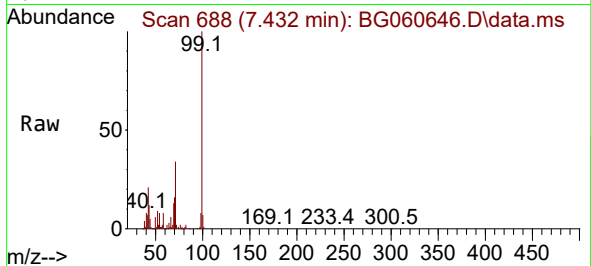




#7
Phenol-d6
Concen: 35.417 ng
RT: 7.432 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

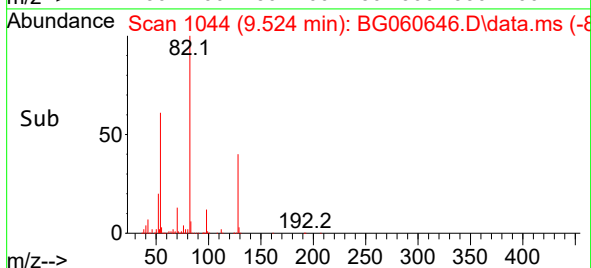
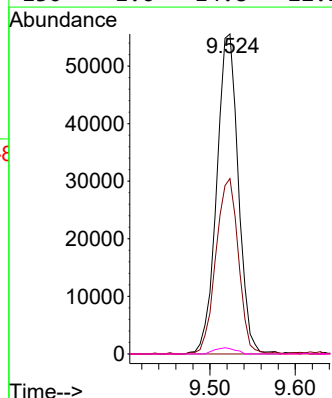
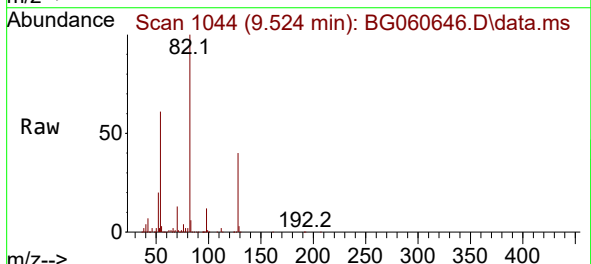
Instrument :
BNA_G
ClientSampleId :
MW-04

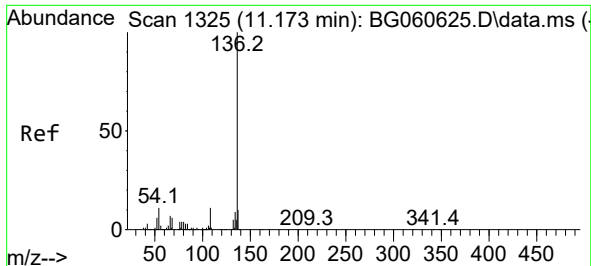
Tgt Ion: 99 Resp: 302033
Ion Ratio Lower Upper
99 100
42 21.3 17.5 26.3
71 34.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.590 ng
RT: 9.524 min Scan# 1044
Delta R.T. 0.389 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion: 70 Resp: 98065
Ion Ratio Lower Upper
70 100
42 54.8 56.2 84.2#
101 0.0 7.4 11.0#
130 1.6 14.8 22.2#

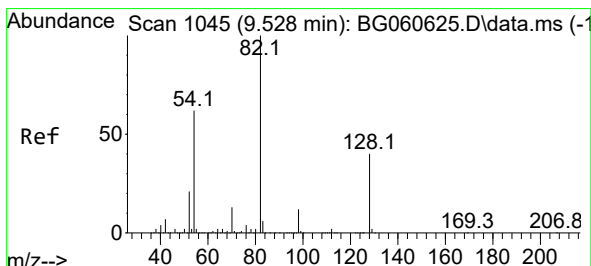
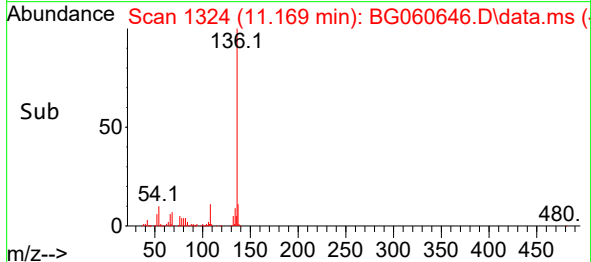
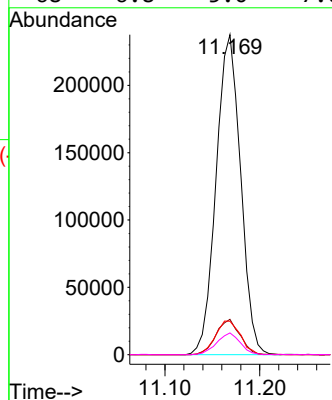
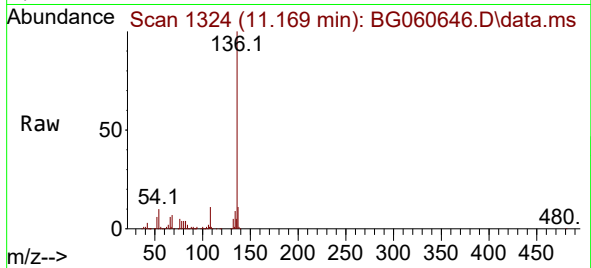




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

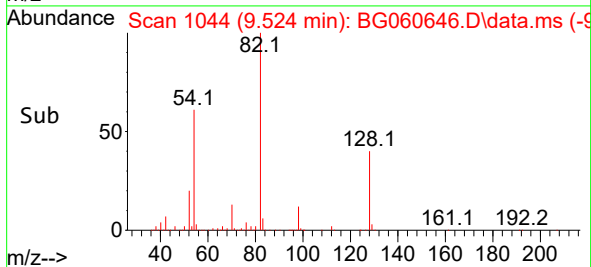
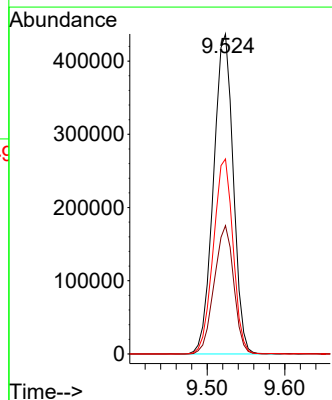
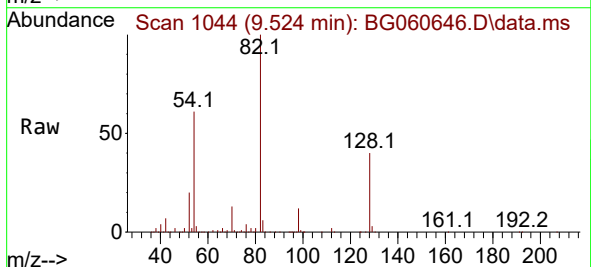
Instrument :
BNA_G
ClientSampleId :
MW-04

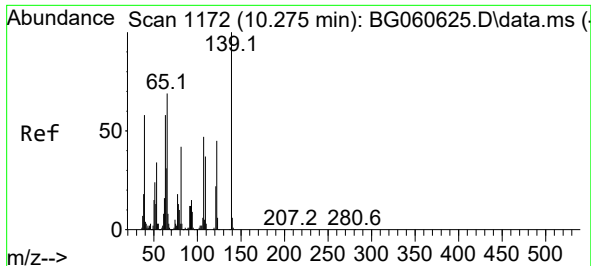
Tgt Ion:	136	Resp:	426428
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.5	8.5	12.7
68	6.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 94.485 ng
RT: 9.524 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:	82	Resp:	774174
Ion	Ratio	Lower	Upper
82	100		
128	40.1	31.6	47.4
54	60.9	49.3	73.9

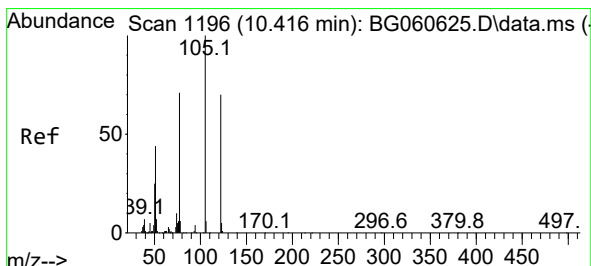
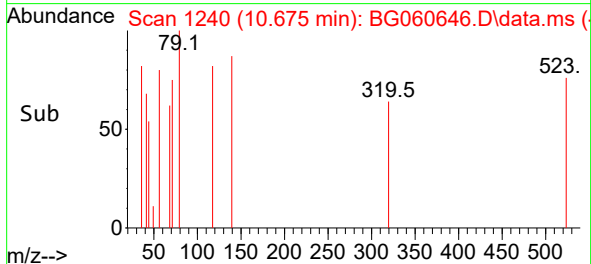
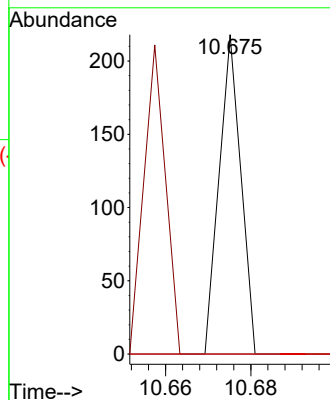
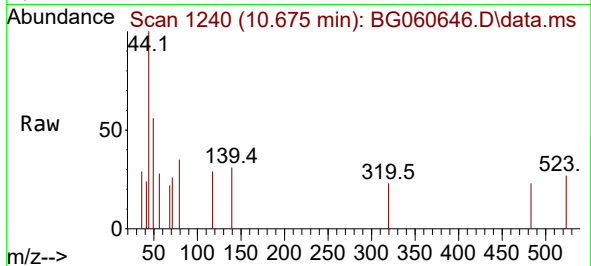




#26
2-Nitrophenol
Concen: 2.258 ng
RT: 10.675 min Scan# 1172
Delta R.T. 0.400 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

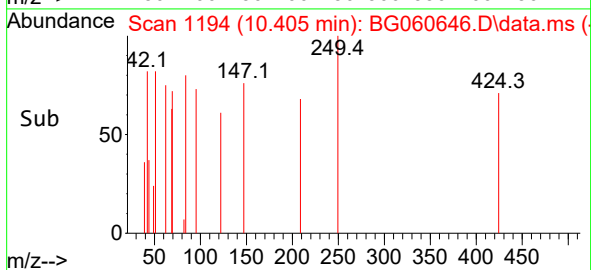
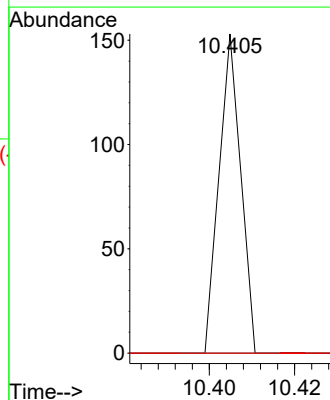
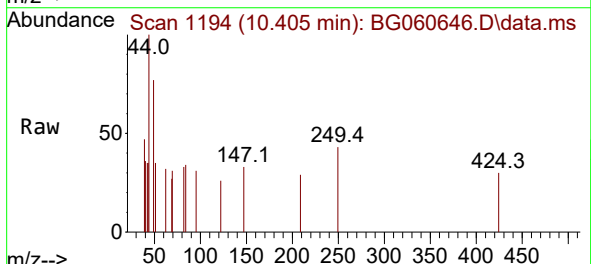
Instrument :
BNA_G
ClientSampleId :
MW-04

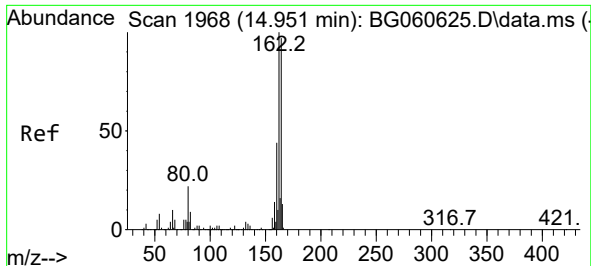
Tgt Ion:139 Resp: 77
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.030 ng
RT: 10.405 min Scan# 1194
Delta R.T. -0.011 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#

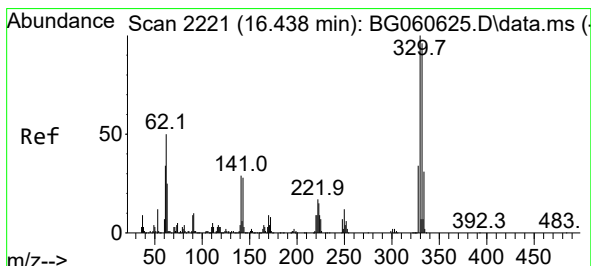
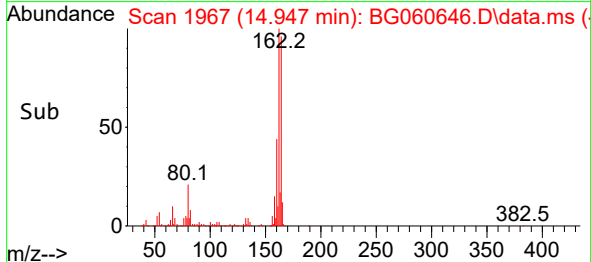
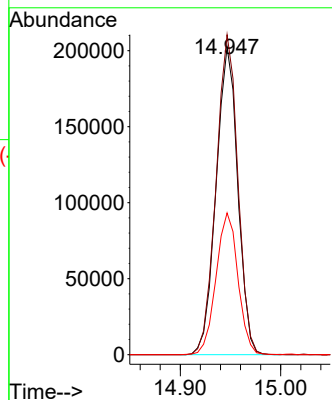
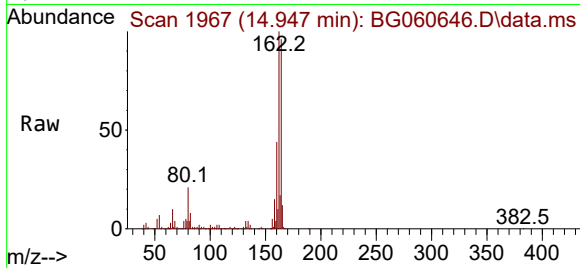




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

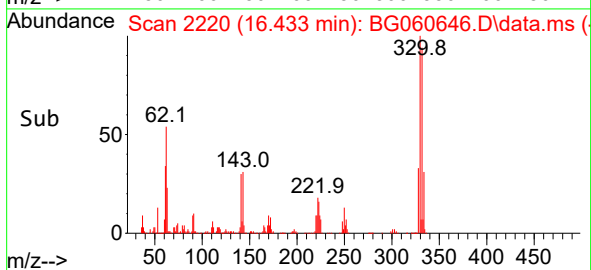
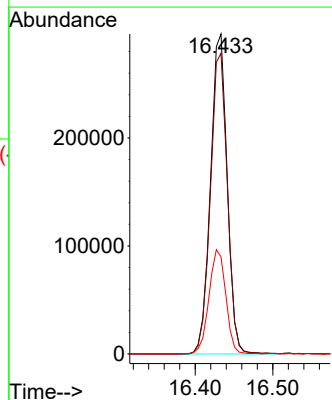
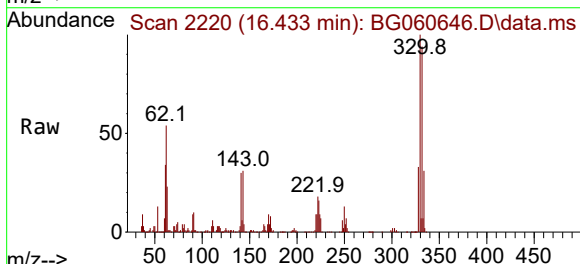
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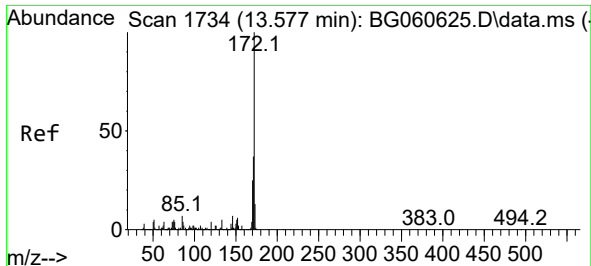
Tgt Ion:164 Resp: 303077
Ion Ratio Lower Upper
164 100
162 104.0 82.5 123.7
160 46.1 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 125.822 ng
RT: 16.433 min Scan# 2220
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:330 Resp: 441891
Ion Ratio Lower Upper
330 100
332 95.5 77.8 116.8
141 33.0 25.4 38.2

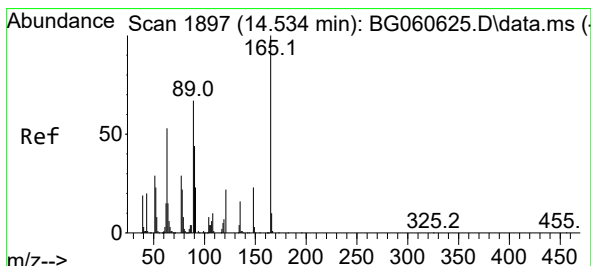
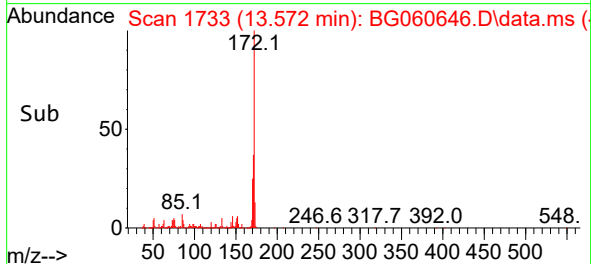
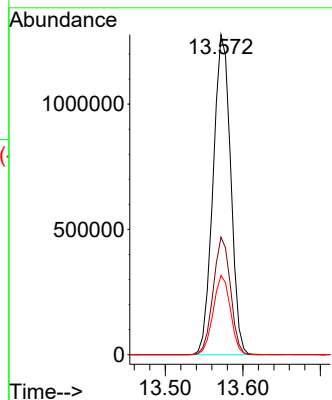
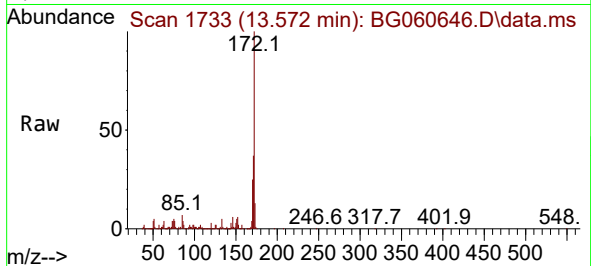




#45
2-Fluorobiphenyl
Concen: 89.702 ng
RT: 13.572 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

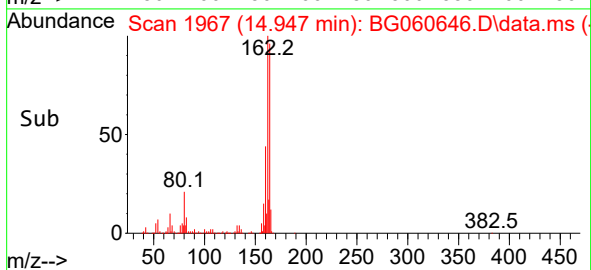
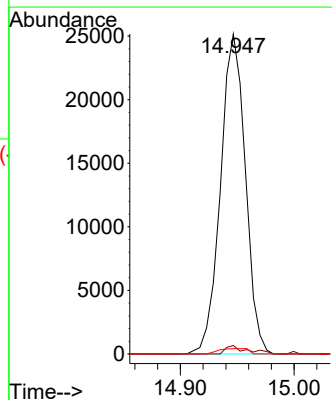
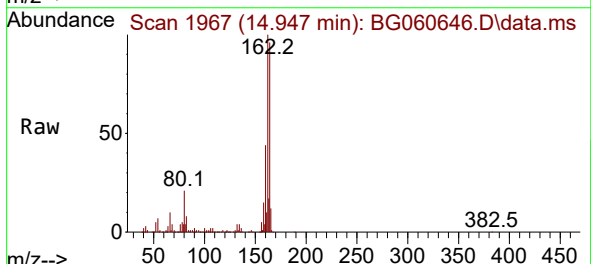
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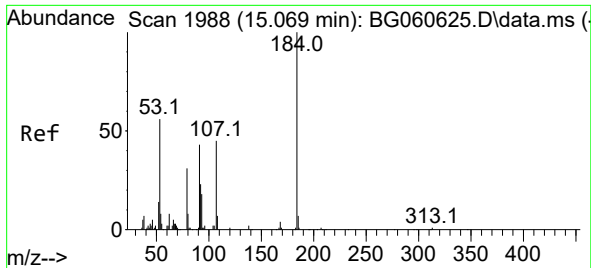
Tgt Ion:172 Resp: 2010784
Ion Ratio Lower Upper
172 100
171 36.7 29.9 44.9
170 24.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.116 ng
RT: 14.947 min Scan# 1967
Delta R.T. 0.413 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:165 Resp: 38179
Ion Ratio Lower Upper
165 100
63 2.7 55.8 83.6#
89 1.7 54.1 81.1#

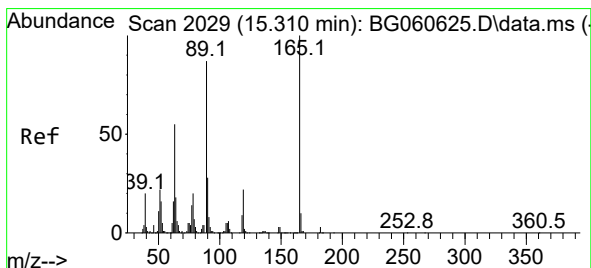
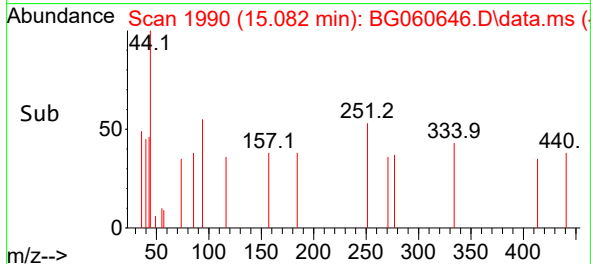
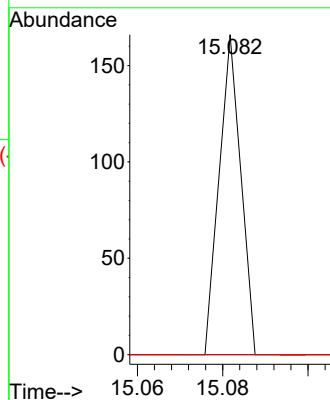
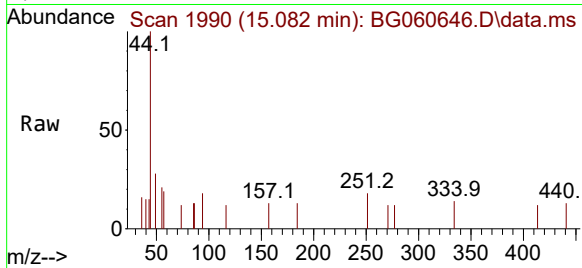




#54
2,4-Dinitrophenol
Concen: 6.869 ng
RT: 15.082 min Scan# 1990
Delta R.T. 0.013 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

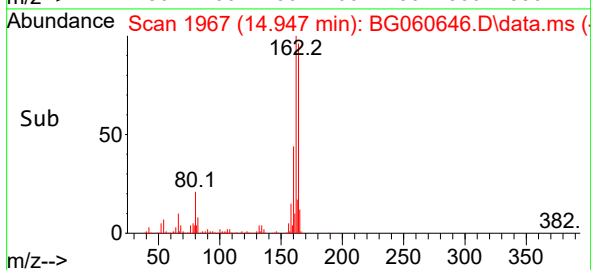
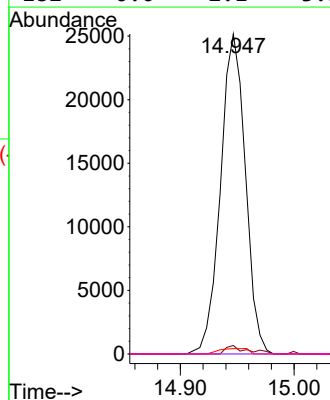
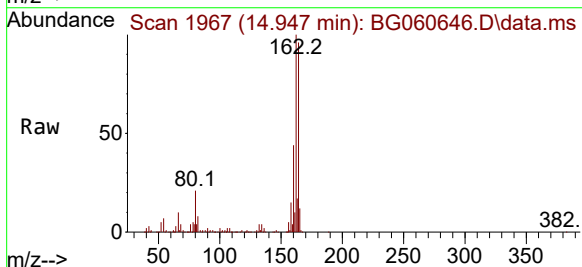
Instrument :
BNA_G
ClientSampleId :
MW-04

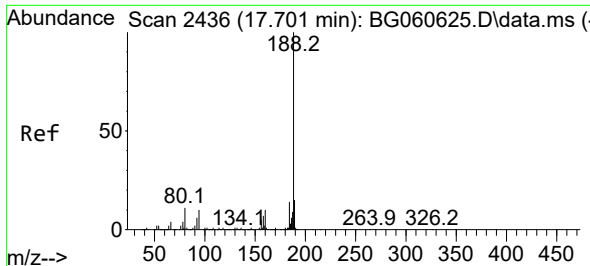
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.246 ng
RT: 14.947 min Scan# 1967
Delta R.T. -0.363 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:165 Resp: 38179
Ion Ratio Lower Upper
165 100
63 2.7 44.1 66.1#
89 1.7 69.7 104.5#
182 0.0 2.1 3.1#

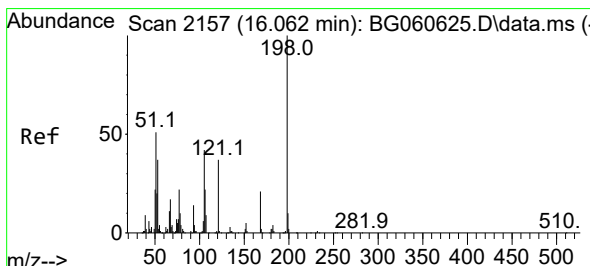
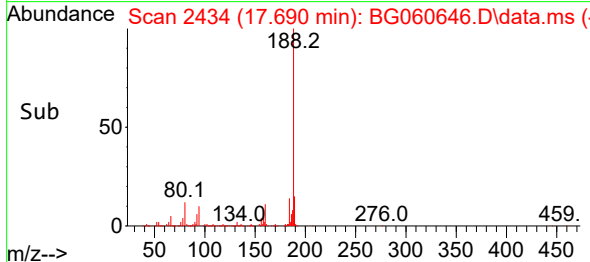
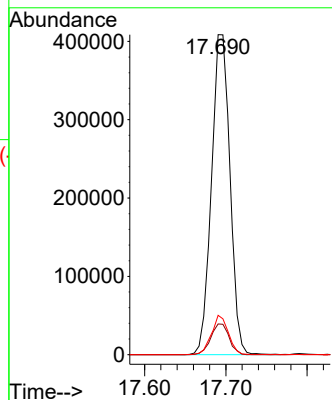
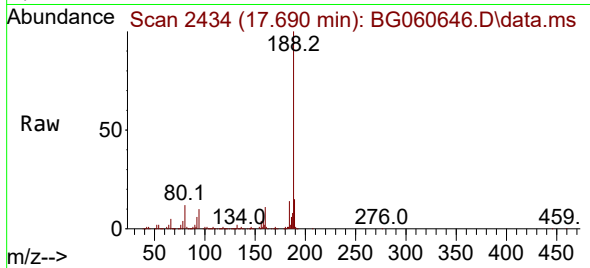




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.690 min Scan# 2436
Delta R.T. -0.011 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

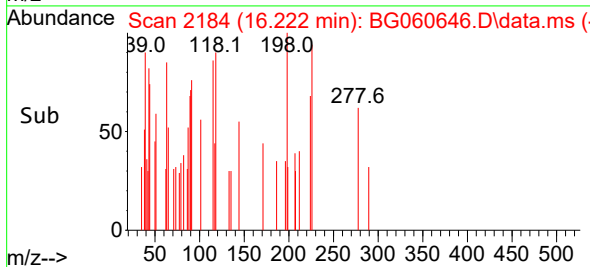
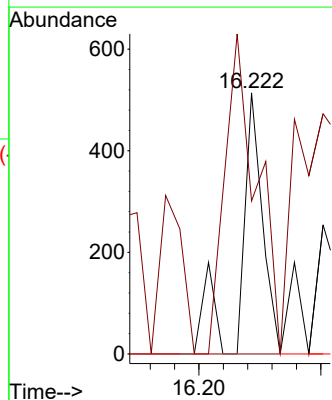
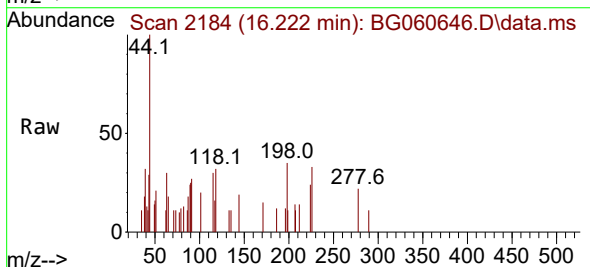
Instrument :
BNA_G
ClientSampleId :
MW-04

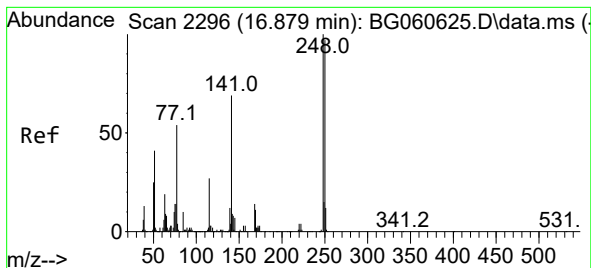
Tgt Ion:188 Resp: 645630
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 12.3 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.911 ng
RT: 16.222 min Scan# 2184
Delta R.T. 0.160 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:198 Resp: 312
Ion Ratio Lower Upper
198 100
51 58.6 36.9 76.9
105 0.0 22.4 62.4#

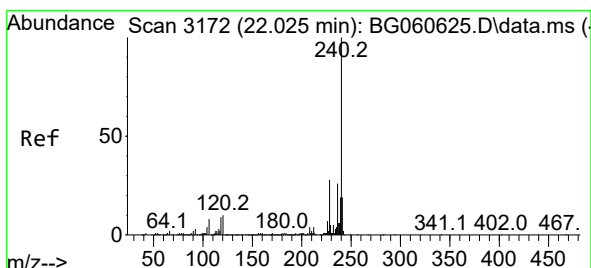
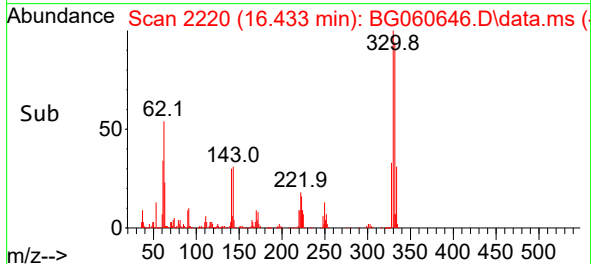
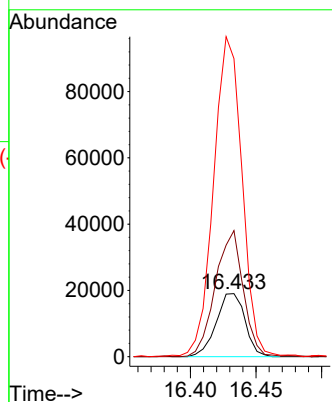
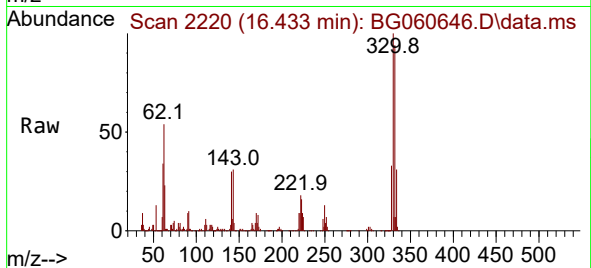




#67
4-Bromophenyl-phenylether
Concen: 4.172 ng
RT: 16.433 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

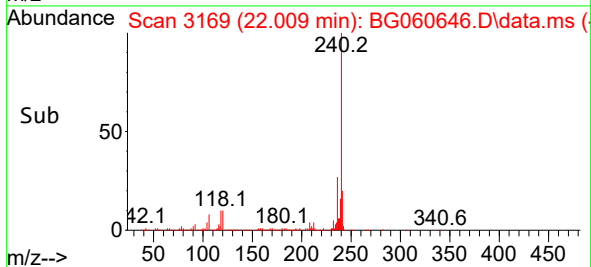
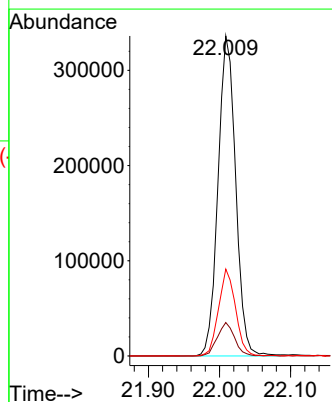
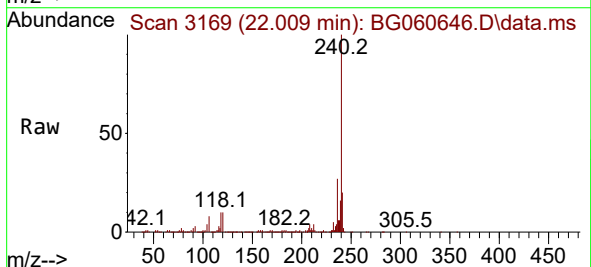
Instrument :
BNA_G
ClientSampleId :
MW-04

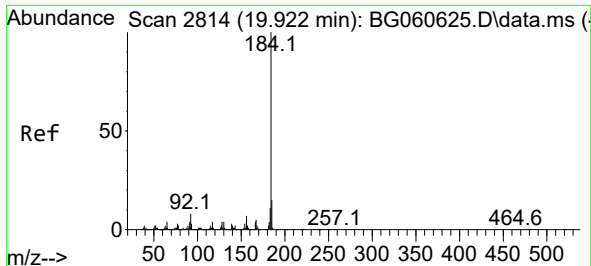
Tgt Ion:248 Resp: 29043
Ion Ratio Lower Upper
248 100
250 200.0 77.8 116.6#
141 472.8 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.009 min Scan# 3169
Delta R.T. -0.017 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:240 Resp: 577543
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.8
236 27.2 20.6 31.0

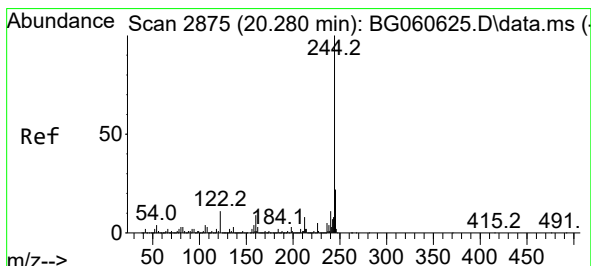
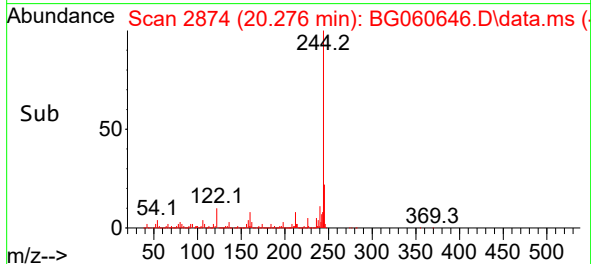
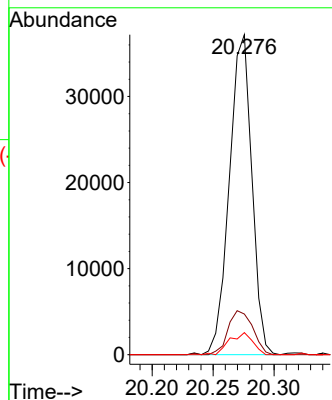
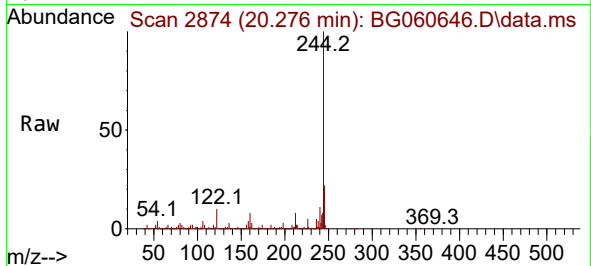




#77
Benzidine
Concen: 3.377 ng
RT: 20.276 min Scan# 2814
Delta R.T. 0.354 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

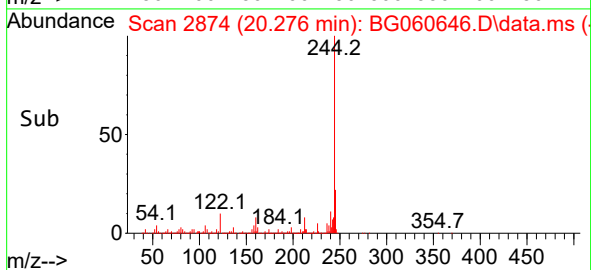
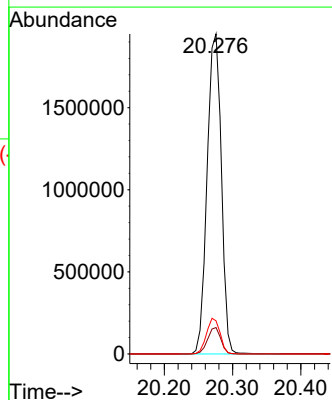
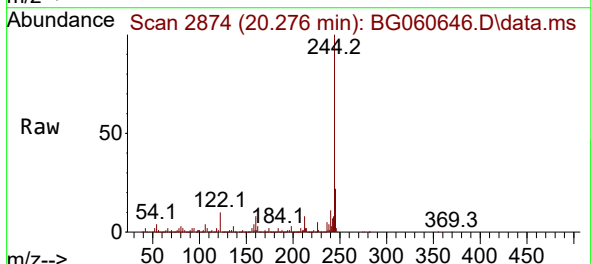
Instrument :
BNA_G
ClientSampleId :
MW-04

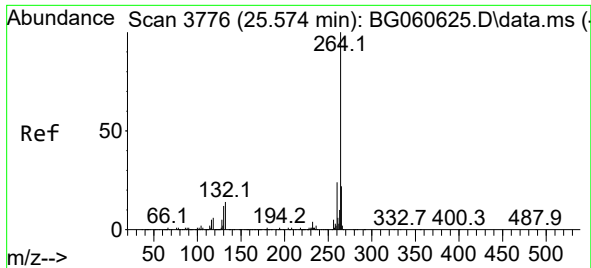
Tgt Ion:184 Resp: 47709
Ion Ratio Lower Upper
184 100
185 12.7 11.7 17.5
183 6.9 9.2 13.8#



#79
Terphenyl-d14
Concen: 88.331 ng
RT: 20.276 min Scan# 2874
Delta R.T. -0.005 min
Lab File: BG060646.D
Acq: 14 Mar 2024 19:57

Tgt Ion:244 Resp: 2822344
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 10.3 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.564 min Scan# 31
 Delta R.T. -0.011 min
 Lab File: BG060646.D
 Acq: 14 Mar 2024 19:57

Instrument :
 BNA_G
 ClientSampleId :
 MW-04

Tgt Ion:264 Resp: 656048
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.4 18.1 27.1

