

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060643.D
 Acq On : 14 Mar 2024 17:55
 Operator : MA/JU
 Sample : P1747-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-01

Quant Time: Mar 15 01:36:46 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)

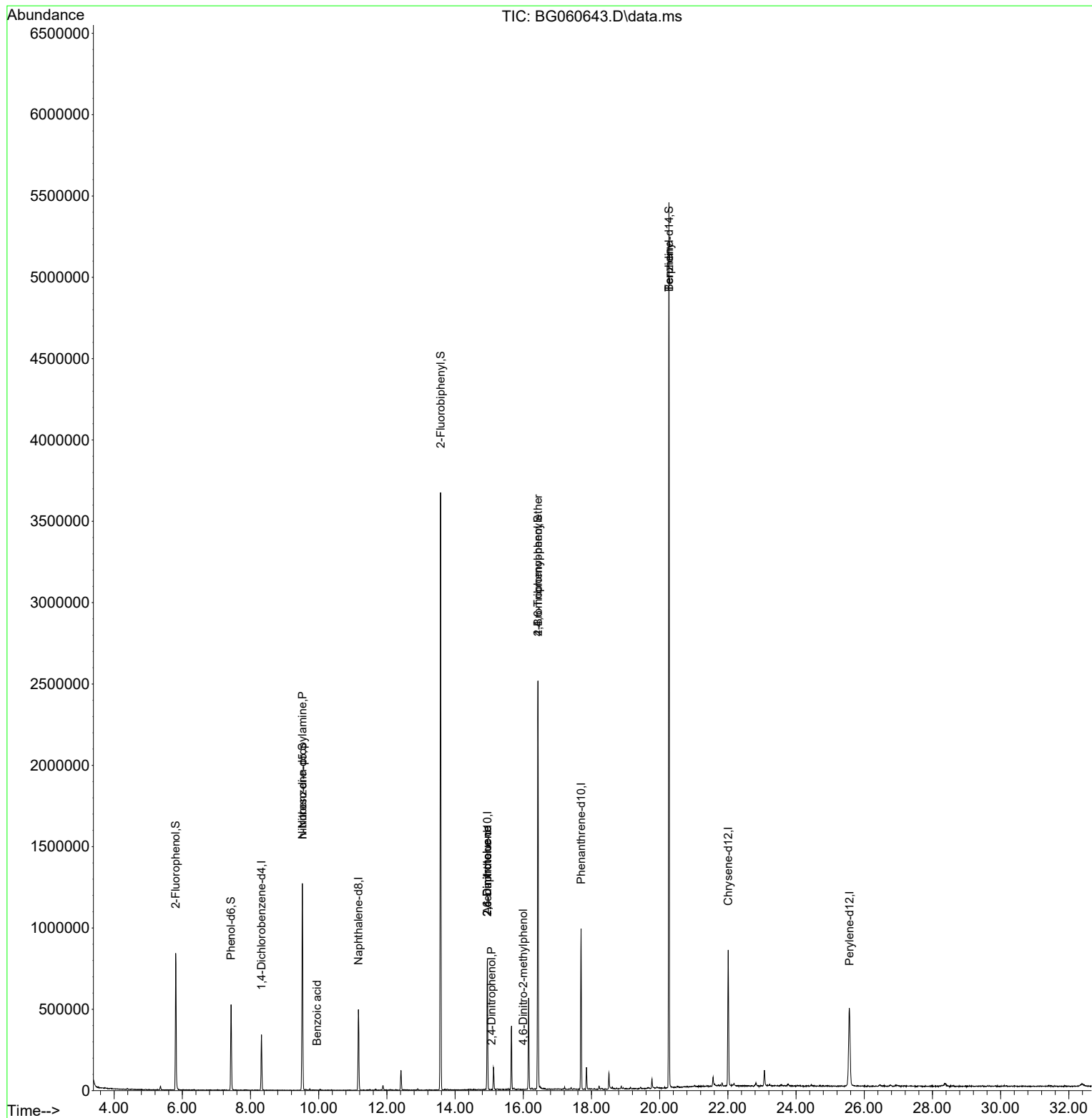
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.322	152	87894	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	407330	20.000	ng	0.00
39) Acenaphthene-d10	14.950	164	278240	20.000	ng	0.00
64) Phenanthrene-d10	17.693	188	593395	20.000	ng	0.00
76) Chrysene-d12	22.012	240	503937	20.000	ng	-0.01
86) Perylene-d12	25.567	264	579316	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.807	112	355964	63.664	ng	0.00
7) Phenol-d6	7.429	99	309385	38.145	ng	0.00
23) Nitrobenzene-d5	9.521	82	731619	93.477	ng	0.00
42) 2,4,6-Tribromophenol	16.430	330	479142	148.607	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	1863523	90.553	ng	0.00
79) Terphenyl-d14	20.273	244	2574669	92.349	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.521	70	91893	16.345	ng	# 79
32) Benzoic acid	9.950	122	74	6.035	ng	# 1
51) 2,6-Dinitrotoluene	14.944	165	37898	9.856	ng	# 18
54) 2,4-Dinitrophenol	15.067	184	64	6.874	ng	# 17
57) 2,4-Dinitrotoluene	14.944	165	37898	7.835	ng	# 17
65) 4,6-Dinitro-2-methylph...	15.995	198	82	4.842	ng	# 27
67) 4-Bromophenyl-phenylether	16.430	248	31956	4.994	ng	# 1
77) Benzidine	20.273	184	41878	3.397	ng	# 92

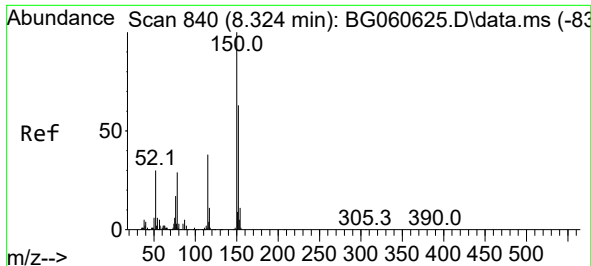
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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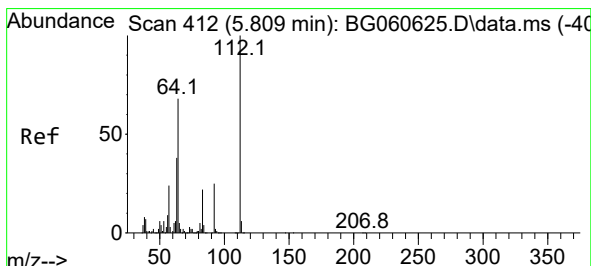
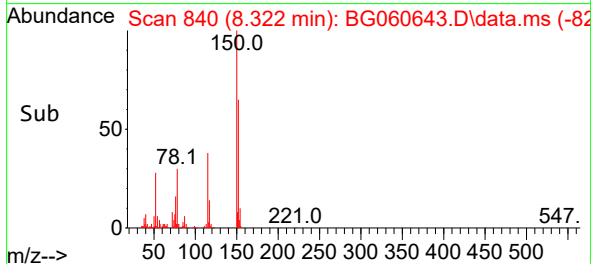
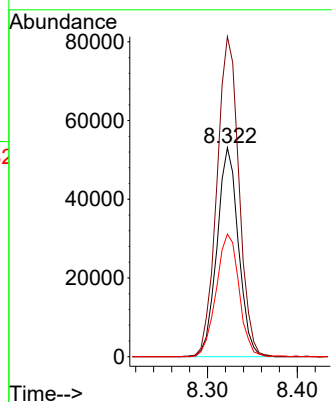
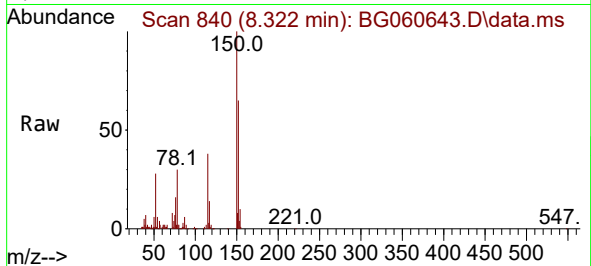




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.322 min Scan# 840
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

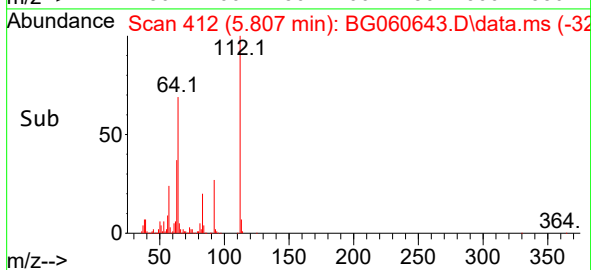
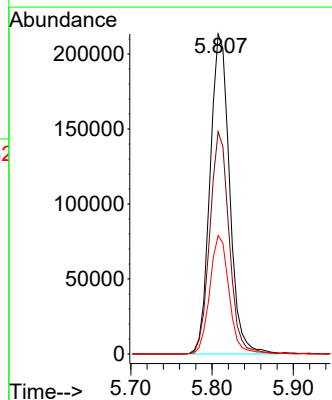
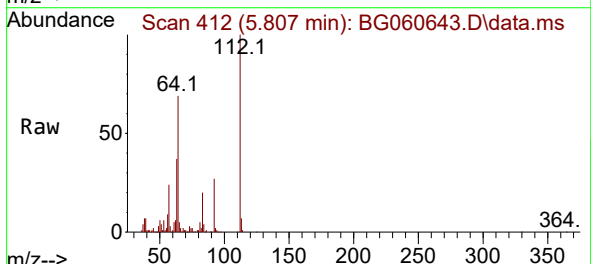
Instrument :
BNA_G
ClientSampleId :
MW-01

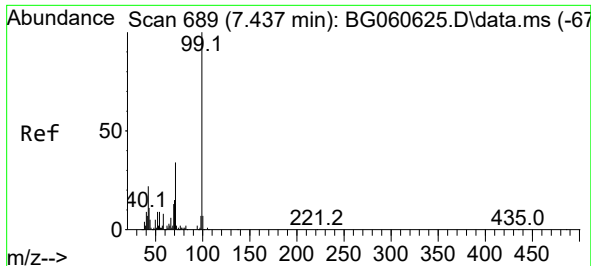
Tgt Ion:152 Resp: 87894
Ion Ratio Lower Upper
152 100
150 153.1 126.6 190.0
115 58.6 47.8 71.8



#5
2-Fluorophenol
Concen: 63.664 ng
RT: 5.807 min Scan# 412
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:112 Resp: 355964
Ion Ratio Lower Upper
112 100
64 69.5 54.1 81.1
63 37.0 30.3 45.5

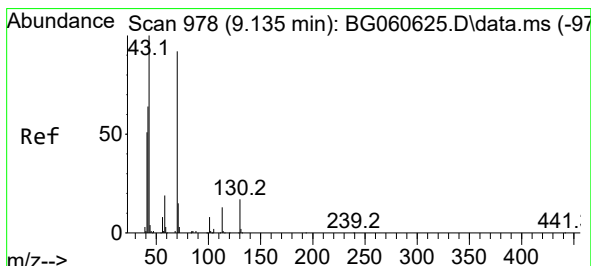
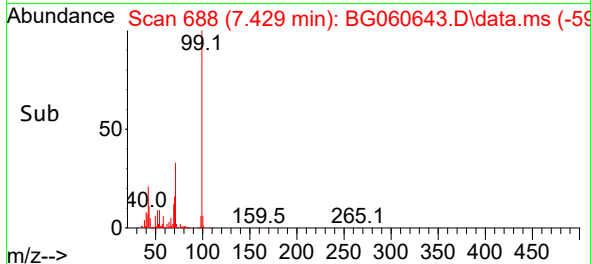
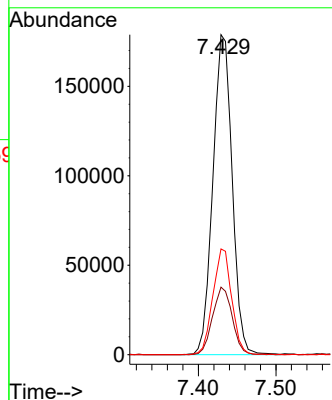
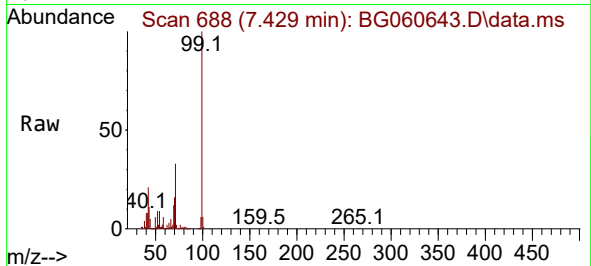




#7
Phenol-d6
Concen: 38.145 ng
RT: 7.429 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

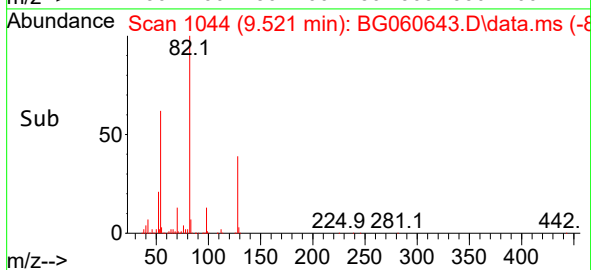
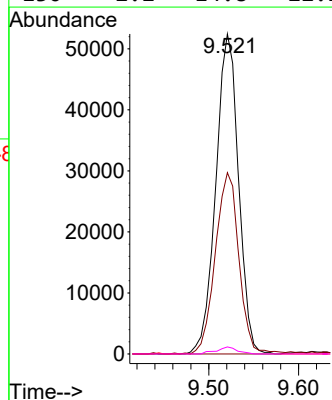
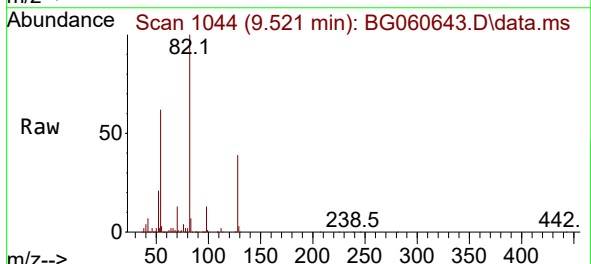
Instrument :
BNA_G
ClientSampleId :
MW-01

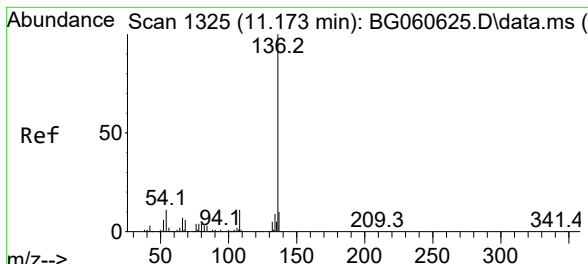
Tgt Ion: 99 Resp: 309385
Ion Ratio Lower Upper
99 100
42 21.1 17.5 26.3
71 33.0 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.345 ng
RT: 9.521 min Scan# 1044
Delta R.T. 0.386 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion: 70 Resp: 91893
Ion Ratio Lower Upper
70 100
42 56.7 56.2 84.2
101 0.0 7.4 11.0#
130 2.2 14.8 22.2#

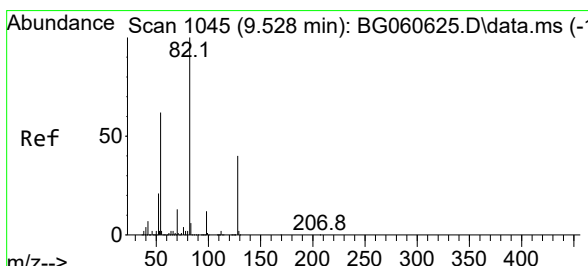
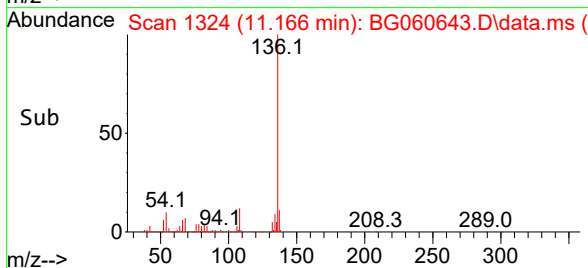
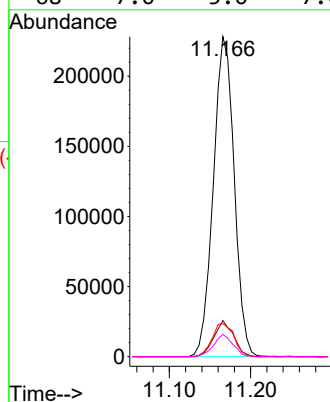
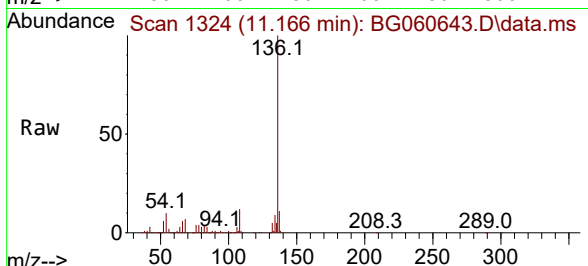




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

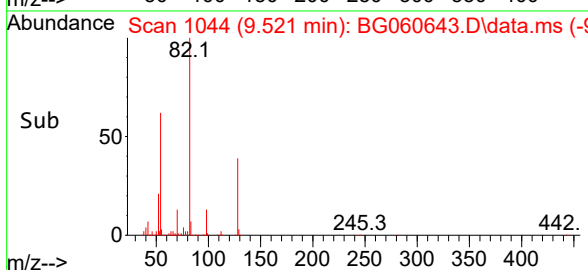
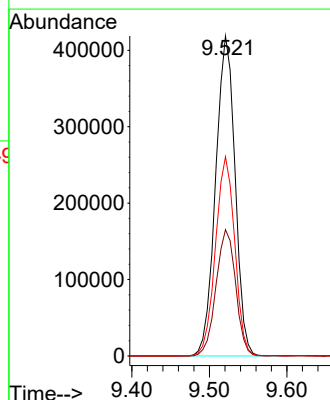
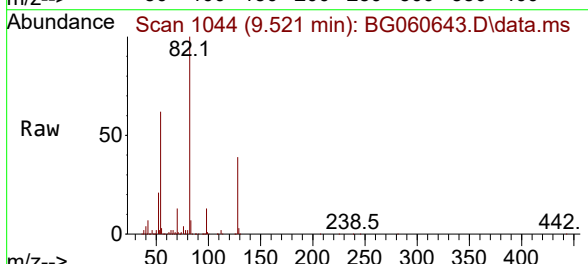
Instrument :
BNA_G
ClientSampleId :
MW-01

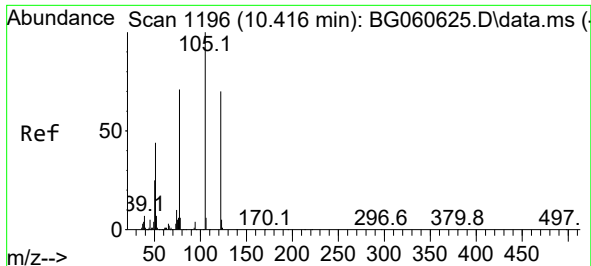
Tgt Ion:	136	Resp:	407330
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.4	8.5	12.7
68	7.0	5.0	7.6



#23
Nitrobenzene-d5
Concen: 93.477 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:	82	Resp:	731619
Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.6	47.4
54	62.3	49.3	73.9

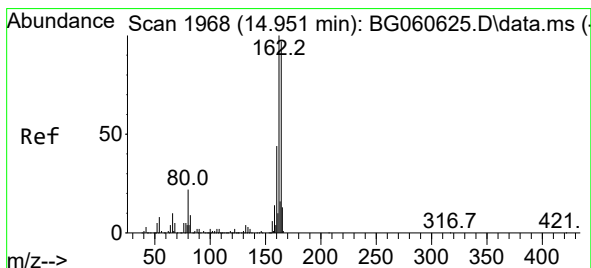
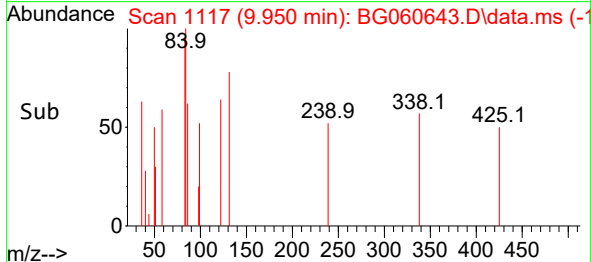
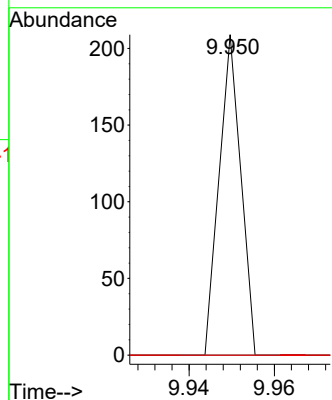
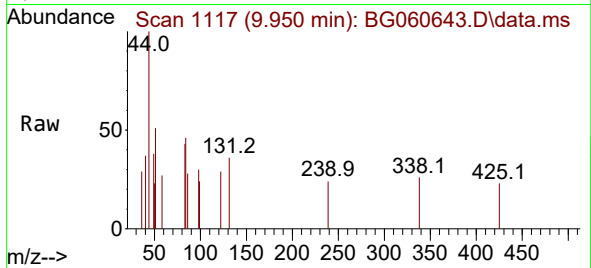




#32
Benzoic acid
Concen: 6.035 ng
RT: 9.950 min Scan# 1117
Delta R.T. -0.466 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

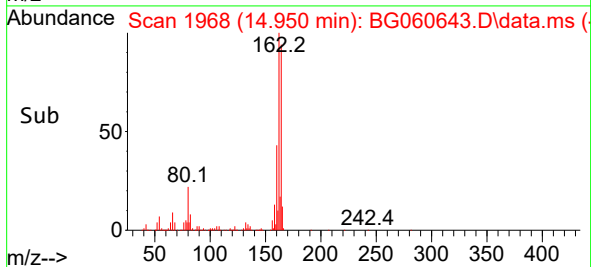
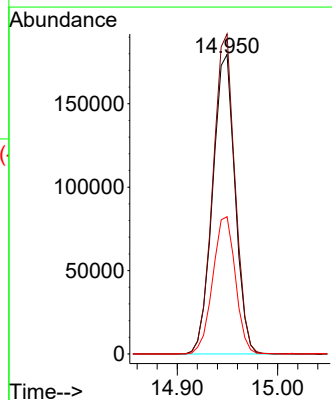
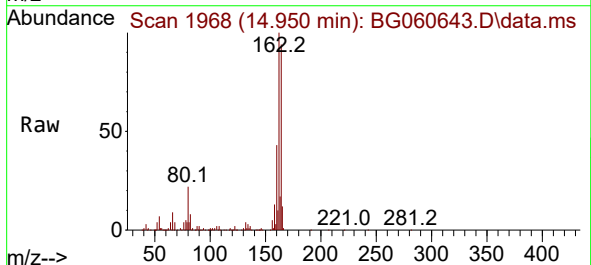
Instrument :
BNA_G
ClientSampleId :
MW-01

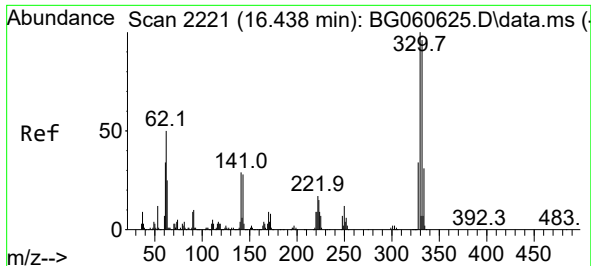
Tgt Ion:122 Resp: 74
Ion Ratio Lower Upper
122 100
105 0.0 115.0 155.0#
77 0.0 79.0 119.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.950 min Scan# 1968
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:164 Resp: 278240
Ion Ratio Lower Upper
164 100
162 106.8 82.5 123.7
160 45.8 36.4 54.6

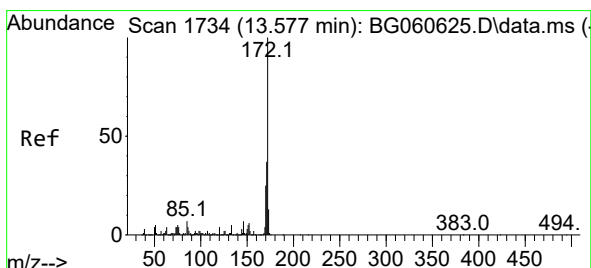
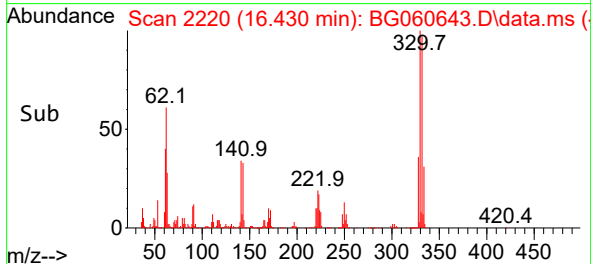
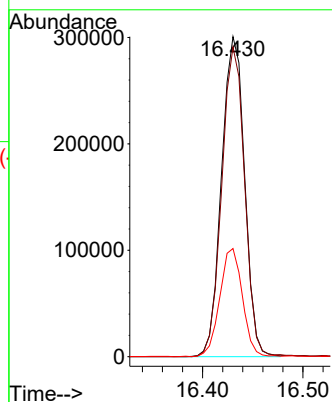
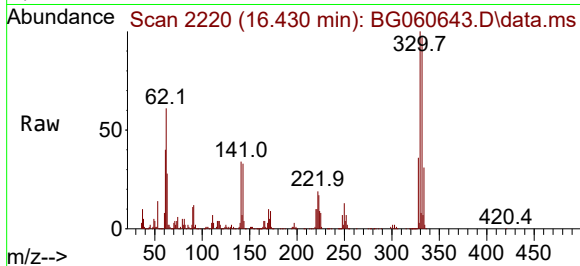




#42
2,4,6-Tribromophenol
Concen: 148.607 ng
RT: 16.430 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

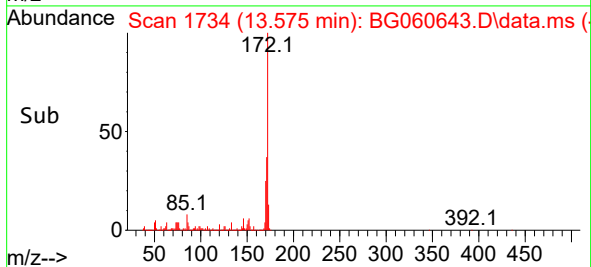
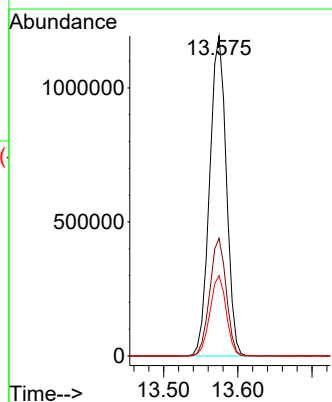
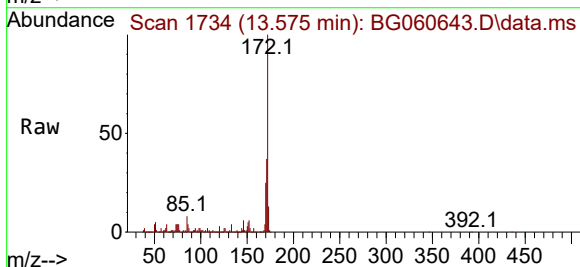
Instrument :
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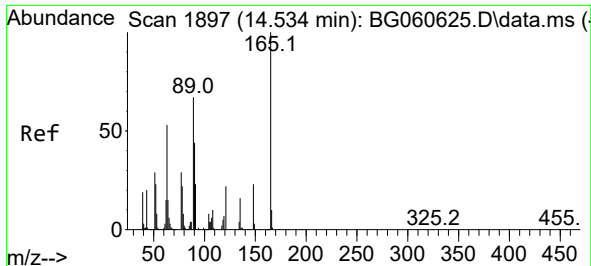
Tgt Ion:330 Resp: 479142
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 33.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 90.553 ng
RT: 13.575 min Scan# 1734
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:172 Resp: 1863523
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 25.1 19.8 29.6

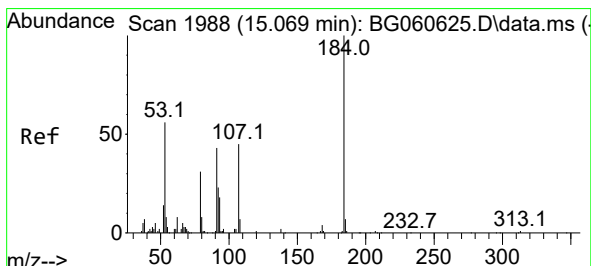
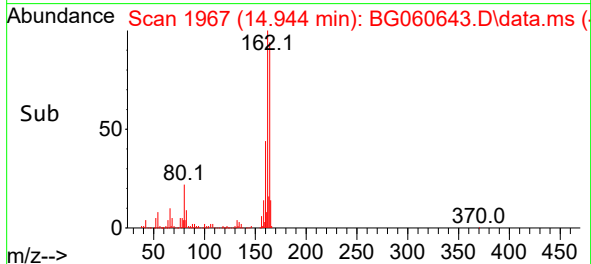
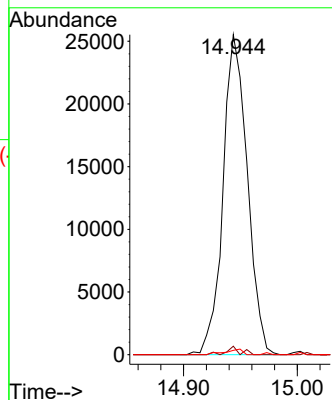
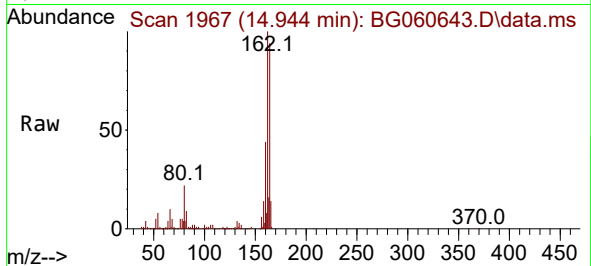




#51
2,6-Dinitrotoluene
Concen: 9.856 ng
RT: 14.944 min Scan# 1897
Delta R.T. 0.410 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

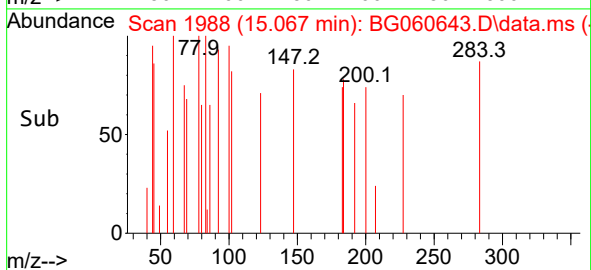
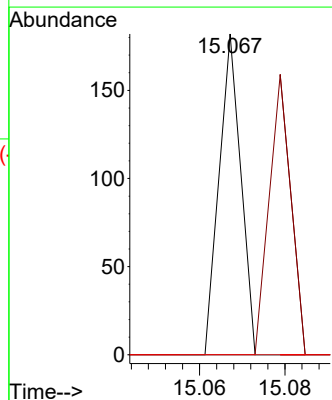
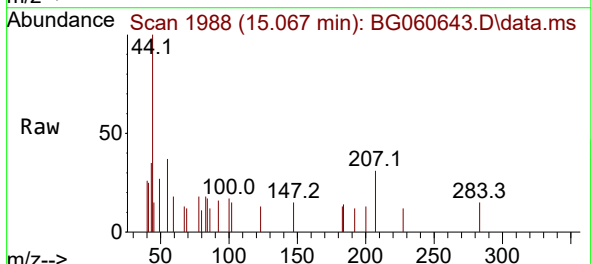
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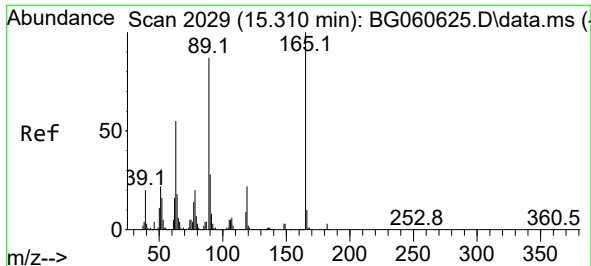
Tgt Ion:165 Resp: 37898
Ion Ratio Lower Upper
165 100
63 2.7 55.8 83.6#
89 1.4 54.1 81.1#



#54
2,4-Dinitrophenol
Concen: 6.874 ng
RT: 15.067 min Scan# 1988
Delta R.T. -0.002 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:184 Resp: 64
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: 7.835 ng

RT: 14.944 min Scan# 1967

Delta R.T. -0.366 min

Lab File: BG060643.D

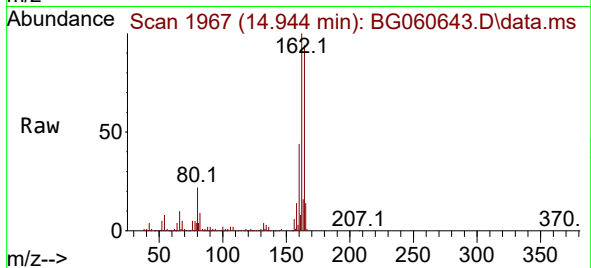
Acq: 14 Mar 2024 17:55

Instrument :

BNA_G

ClientSampleId :

MW-01



Tgt Ion:165 Resp: 37898

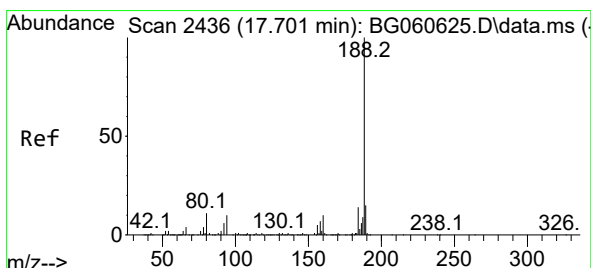
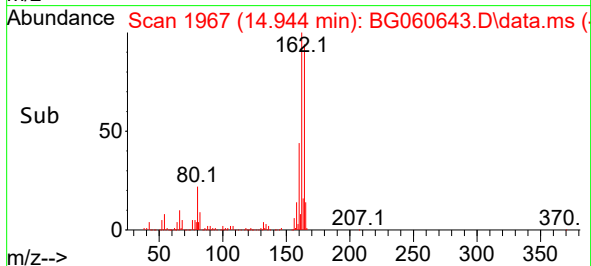
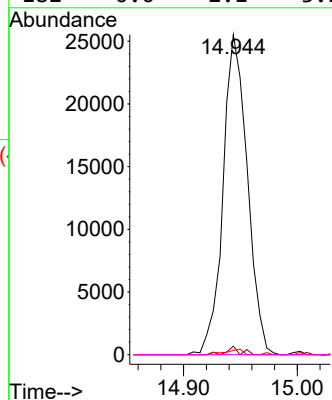
Ion Ratio Lower Upper

165 100

63 2.7 44.1 66.1#

89 1.4 69.7 104.5#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.693 min Scan# 2435

Delta R.T. -0.008 min

Lab File: BG060643.D

Acq: 14 Mar 2024 17:55

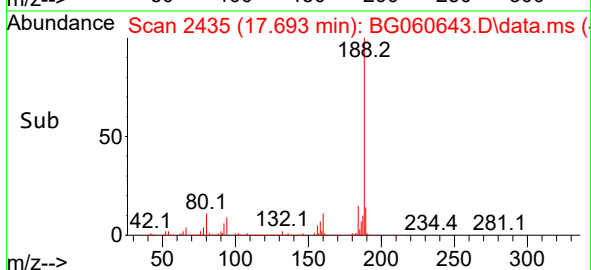
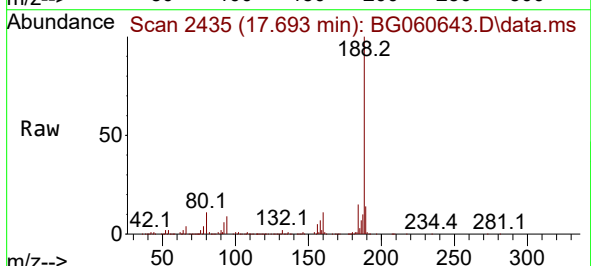
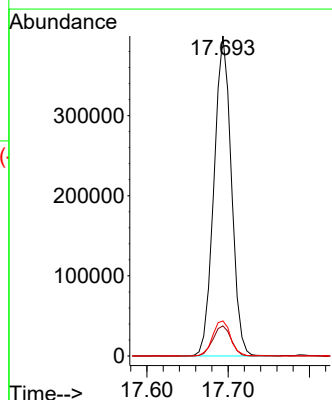
Tgt Ion:188 Resp: 593395

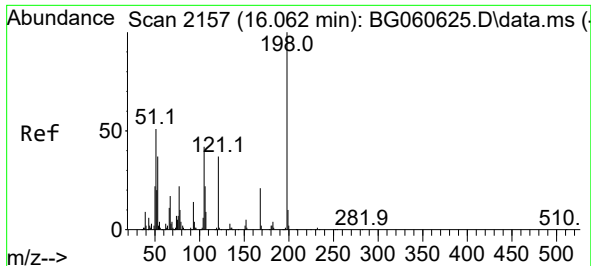
Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.9 8.6 13.0

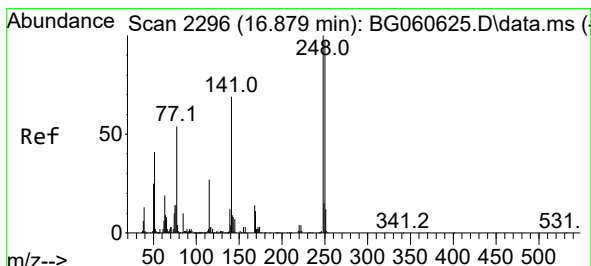
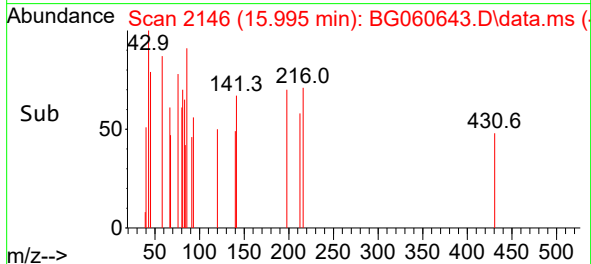
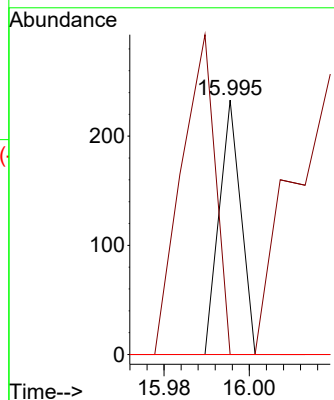
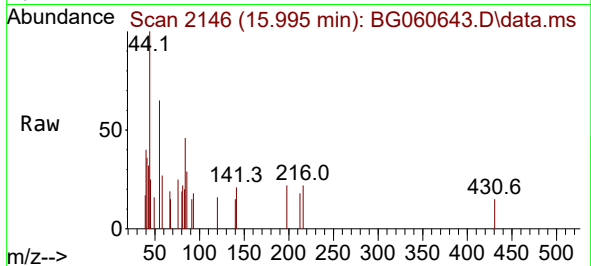




#65
4,6-Dinitro-2-methylphenol
Concen: 4.842 ng
RT: 15.995 min Scan# 2157
Delta R.T. -0.067 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

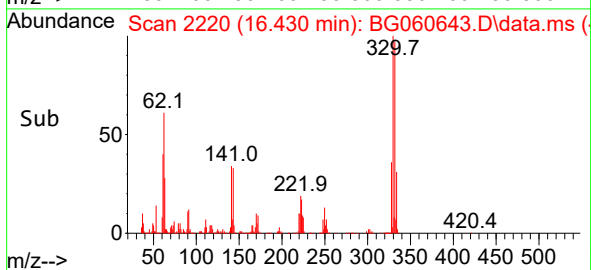
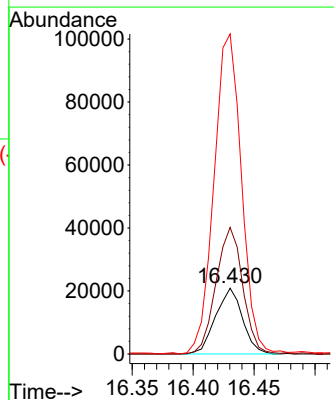
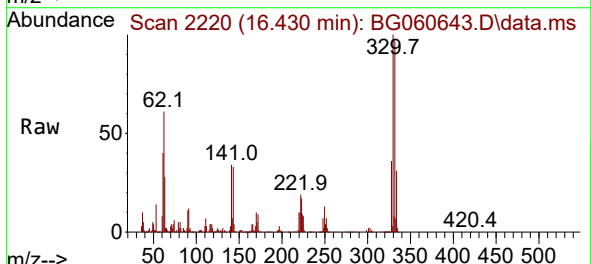
Instrument :
BNA_G
ClientSampleId :
MW-01

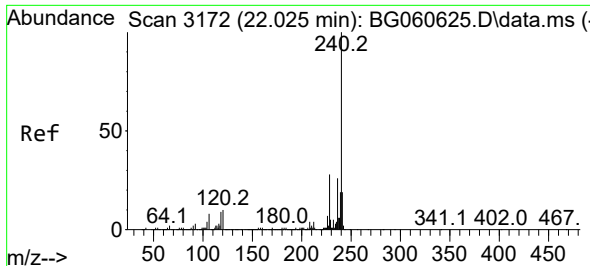
Tgt Ion:198 Resp: 82
Ion Ratio Lower Upper
198 100
51 0.0 36.9 76.9#
105 0.0 22.4 62.4#



#67
4-Bromophenyl-phenylether
Concen: 4.994 ng
RT: 16.430 min Scan# 2220
Delta R.T. -0.448 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:248 Resp: 31956
Ion Ratio Lower Upper
248 100
250 192.5 77.8 116.6#
141 486.7 55.1 82.7#

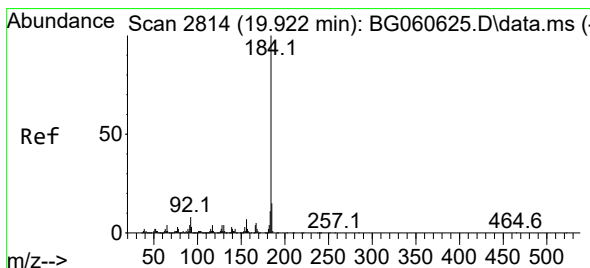
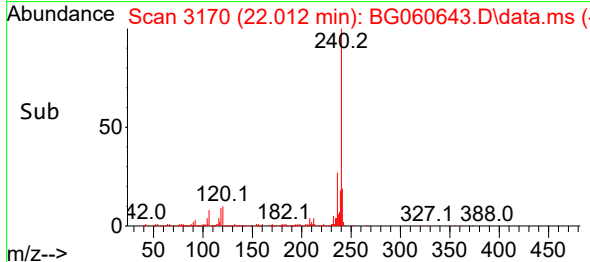
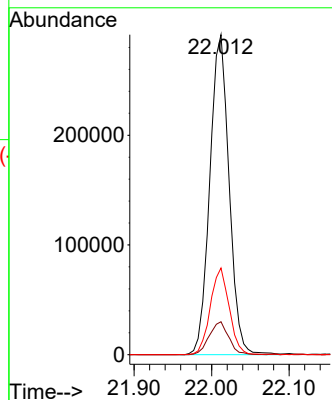
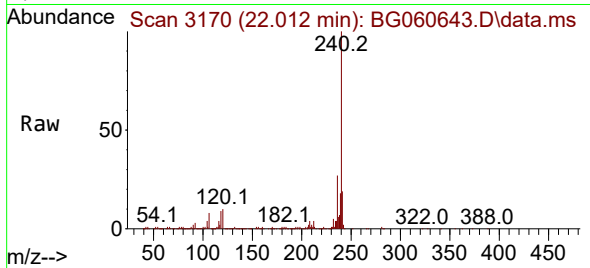




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 31
Delta R.T. -0.014 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

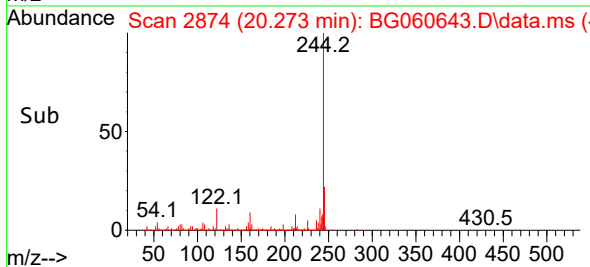
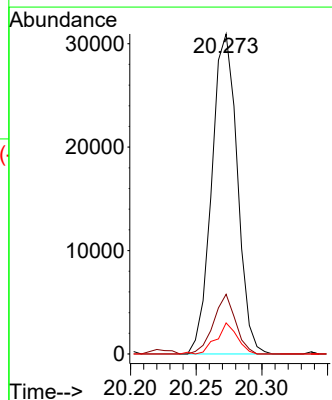
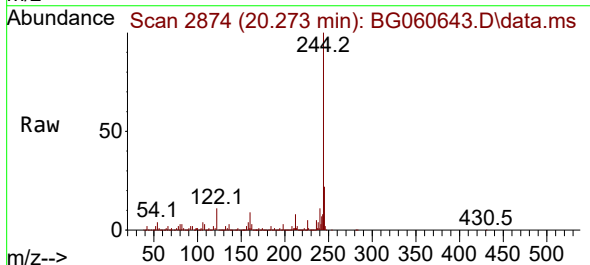
Instrument :
BNA_G
ClientSampleId :
MW-01

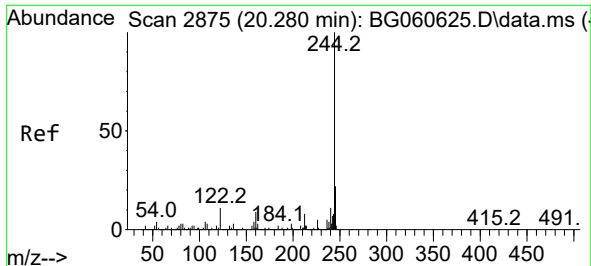
Tgt Ion:240 Resp: 503937
Ion Ratio Lower Upper
240 100
120 10.3 7.8 11.8
236 27.1 20.6 31.0



#77
Benzidine
Concen: 3.397 ng
RT: 20.273 min Scan# 2874
Delta R.T. 0.351 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:184 Resp: 41878
Ion Ratio Lower Upper
184 100
185 18.7 11.7 17.5#
183 9.7 9.2 13.8

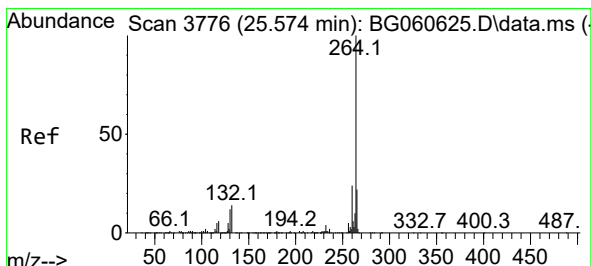
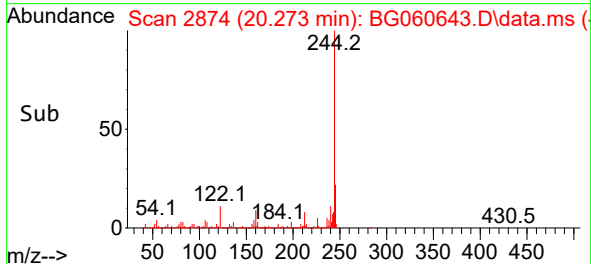
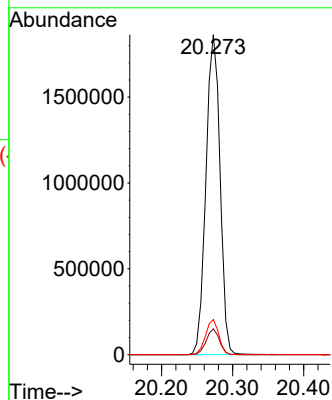
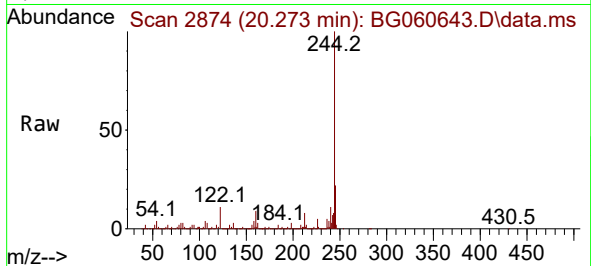




#79
Terphenyl-d14
Concen: 92.349 ng
RT: 20.273 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Instrument :
BNA_G
ClientSampleId :
MW-01

Tgt Ion:244 Resp: 2574669
Ion Ratio Lower Upper
244 100
212 8.1 6.6 9.8
122 11.0 8.5 12.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.567 min Scan# 3775
Delta R.T. -0.008 min
Lab File: BG060643.D
Acq: 14 Mar 2024 17:55

Tgt Ion:264 Resp: 579316
Ion Ratio Lower Upper
264 100
260 23.3 19.4 29.2
265 20.3 18.1 27.1

