

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
 Data File : BG060645.D
 Acq On : 14 Mar 2024 19:17
 Operator : MA/JU
 Sample : P1747-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-02

Quant Time: Mar 15 01:37:16 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)

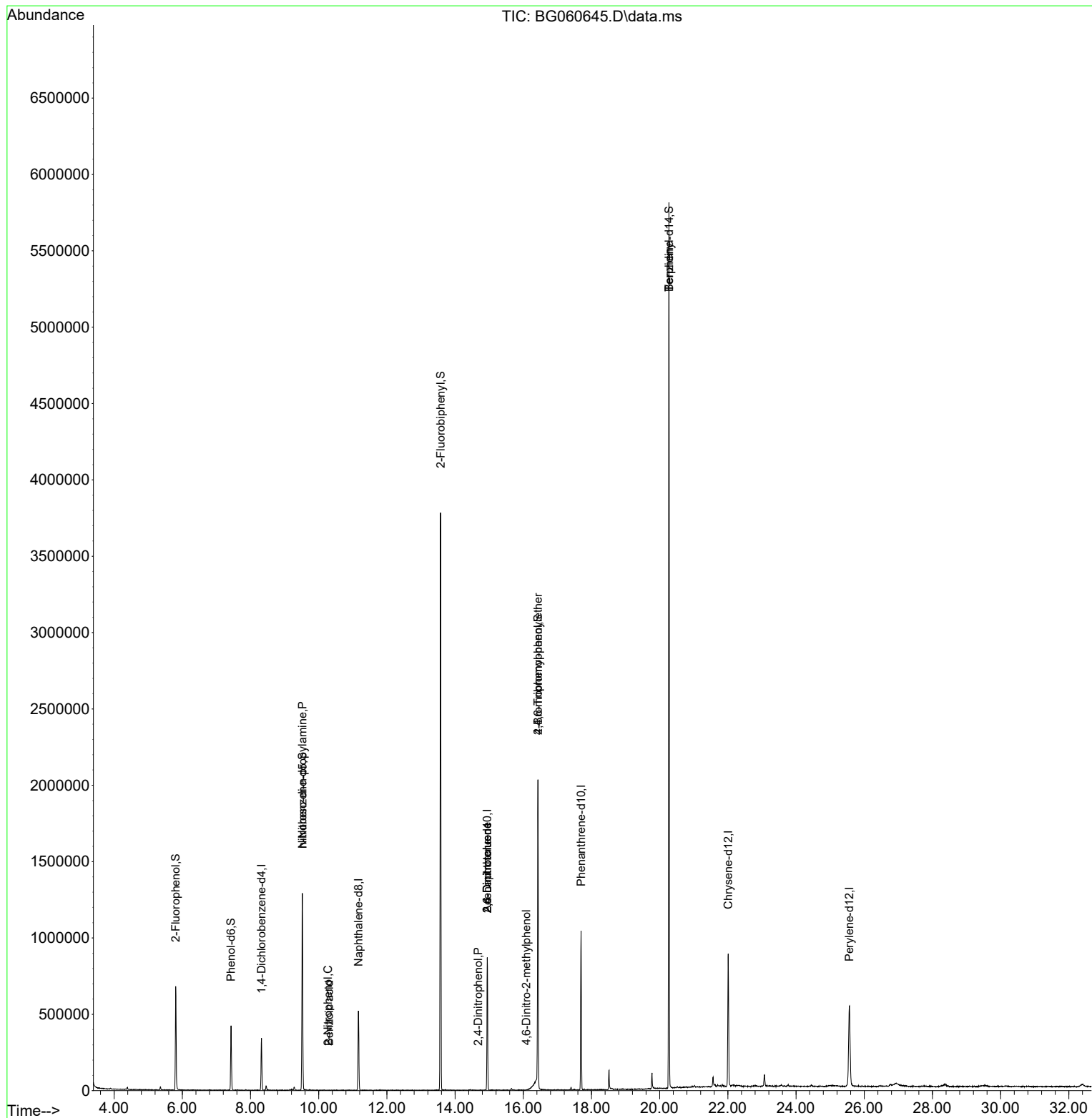
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.322	152	92610	20.000	ng	0.00
21) Naphthalene-d8	11.166	136	433473	20.000	ng	0.00
39) Acenaphthene-d10	14.944	164	306273	20.000	ng	0.00
64) Phenanthrene-d10	17.694	188	646742	20.000	ng	0.00
76) Chrysene-d12	22.012	240	546831	20.000	ng	-0.01
86) Perylene-d12	25.561	264	624053	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	289651	49.166	ng	0.00
7) Phenol-d6	7.429	99	242288	28.351	ng	0.00
23) Nitrobenzene-d5	9.521	82	750647	90.124	ng	0.00
42) 2,4,6-Tribromophenol	16.430	330	366079	103.148	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	1929764	85.189	ng	0.00
79) Terphenyl-d14	20.273	244	2730966	90.272	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.521	70	94460	15.946	ng	# 82
26) 2-Nitrophenol	10.273	139	80	2.259	ng	# 23
32) Benzoic acid	10.308	122	137	6.045	ng	# 1
51) 2,6-Dinitrotoluene	14.944	165	39430	9.316	ng	# 16
54) 2,4-Dinitrophenol	14.680	184	93	6.883	ng	# 17
57) 2,4-Dinitrotoluene	14.944	165	39430	7.405	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.090	198	68	4.836	ng	# 27
67) 4-Bromophenyl-phenylether	16.430	248	23638	3.389	ng	# 1
77) Benzidine	20.273	184	45669	3.414	ng	# 94

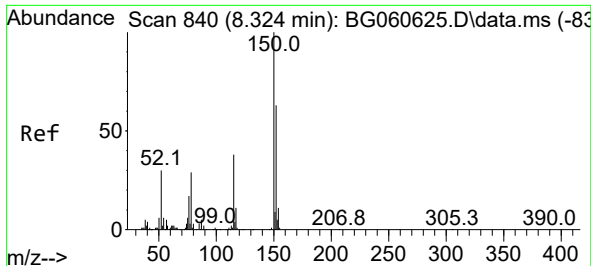
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
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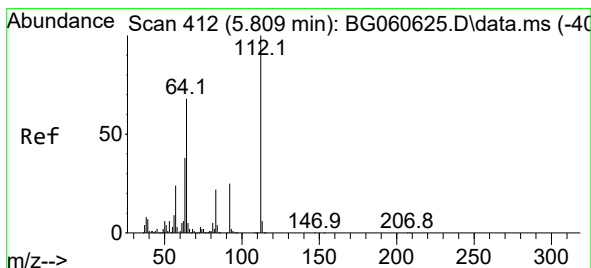
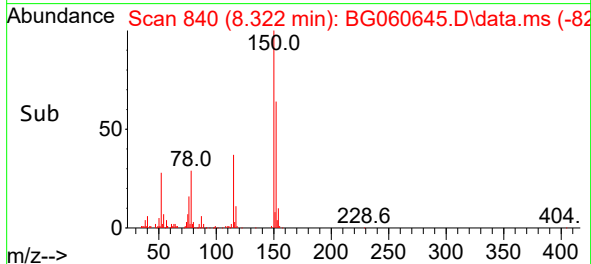
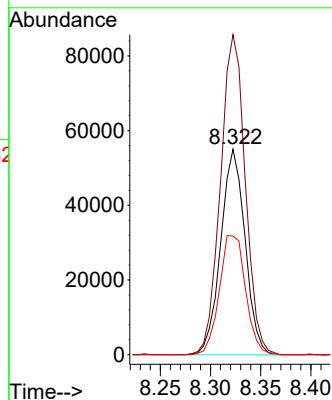
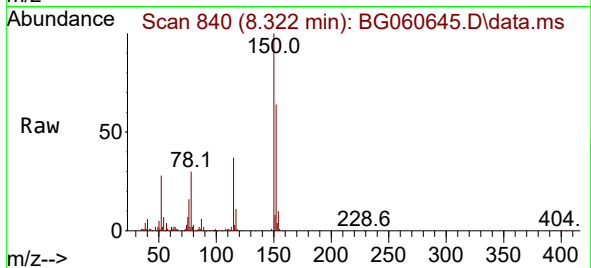




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.322 min Scan# 840
 Delta R.T. -0.002 min
 Lab File: BG060645.D
 Acq: 14 Mar 2024 19:17

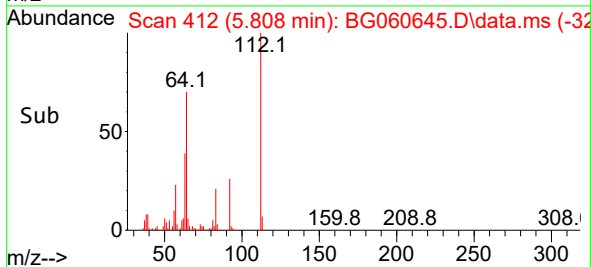
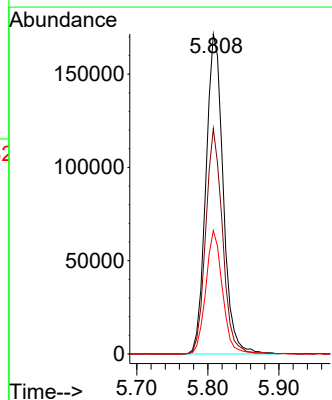
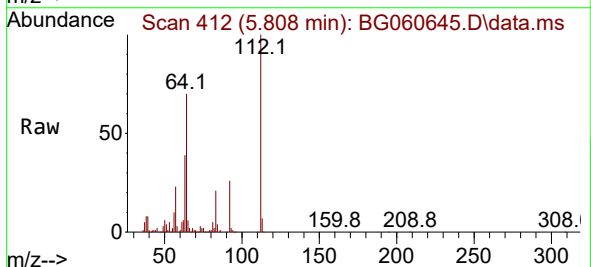
Instrument :
 BNA_G
 ClientSampleId :
 MW-02

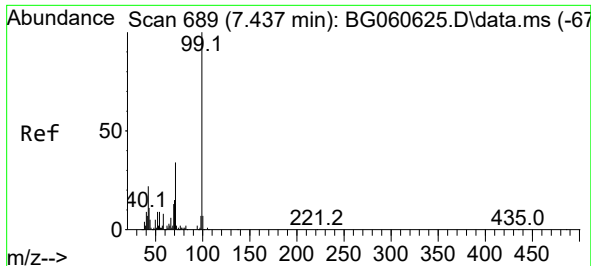
Tgt Ion:152 Resp: 92610
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.6 190.0
 115 57.7 47.8 71.8



#5
 2-Fluorophenol
 Concen: 49.166 ng
 RT: 5.808 min Scan# 412
 Delta R.T. -0.002 min
 Lab File: BG060645.D
 Acq: 14 Mar 2024 19:17

Tgt Ion:112 Resp: 289651
 Ion Ratio Lower Upper
 112 100
 64 70.4 54.1 81.1
 63 38.6 30.3 45.5

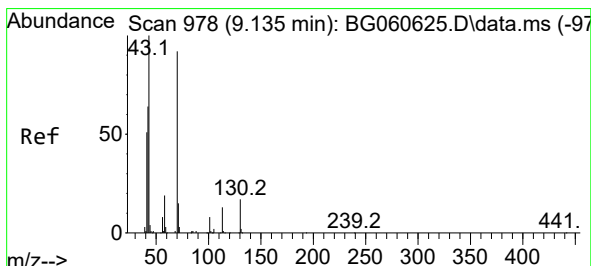
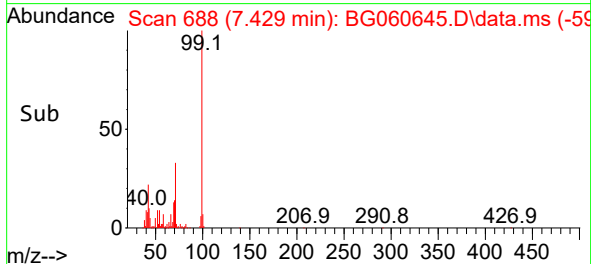
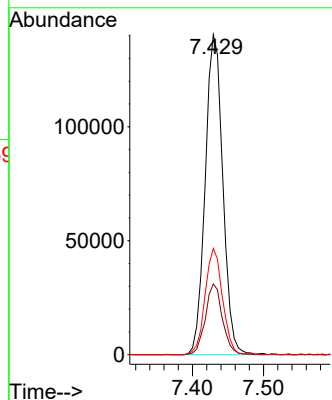
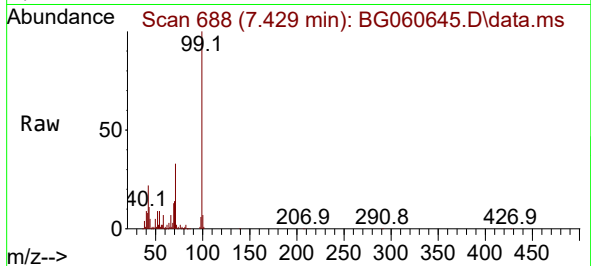




#7
Phenol-d6
Concen: 28.351 ng
RT: 7.429 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

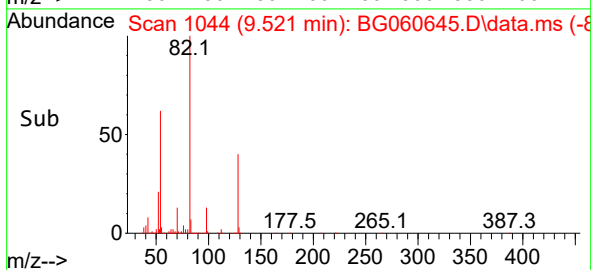
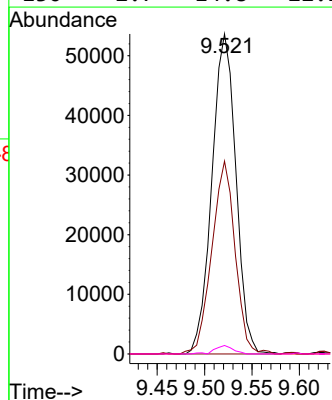
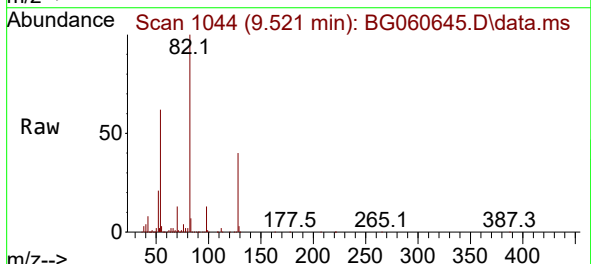
Instrument :
BNA_G
ClientSampleId :
MW-02

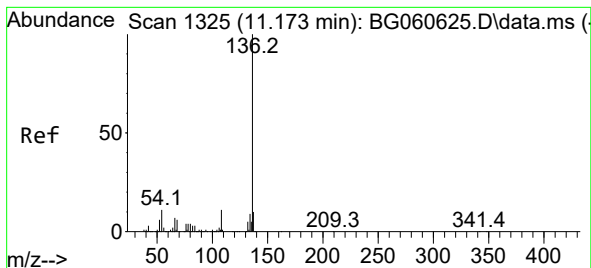
Tgt Ion: 99 Resp: 242288
Ion Ratio Lower Upper
99 100
42 22.1 17.5 26.3
71 33.2 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.946 ng
RT: 9.521 min Scan# 1044
Delta R.T. 0.386 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 70 Resp: 94460
Ion Ratio Lower Upper
70 100
42 60.3 56.2 84.2
101 0.0 7.4 11.0#
130 2.7 14.8 22.2#

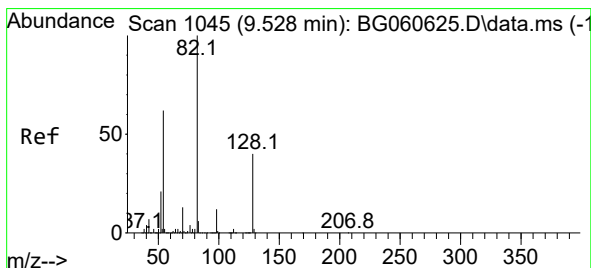
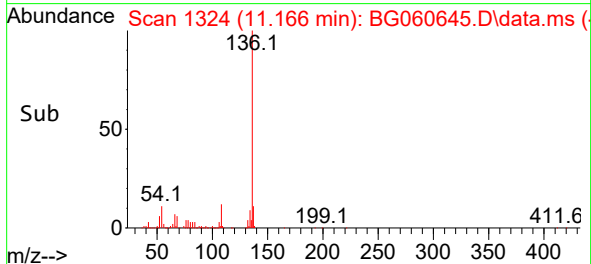
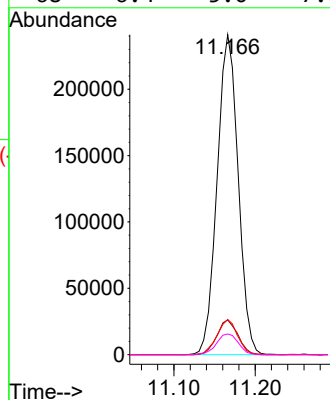
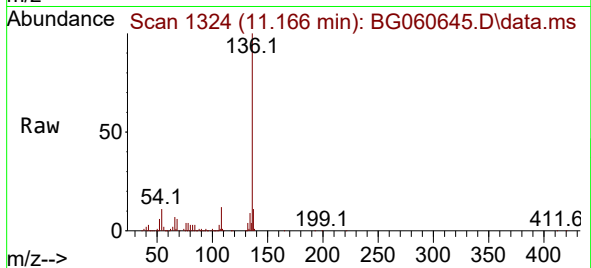




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.166 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

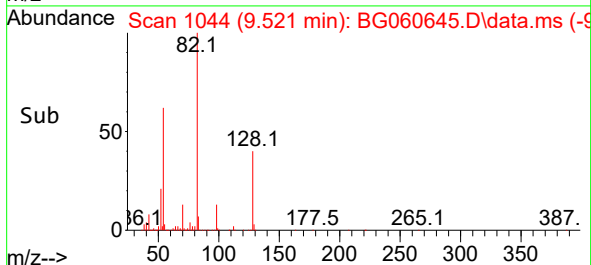
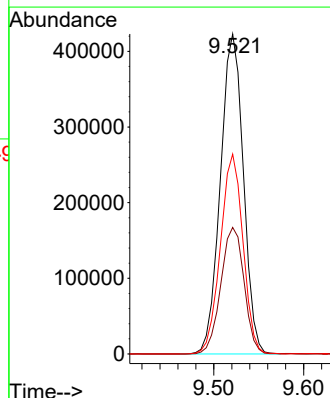
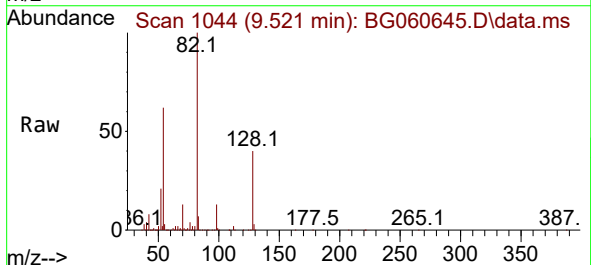
Instrument :
BNA_G
ClientSampleId :
MW-02

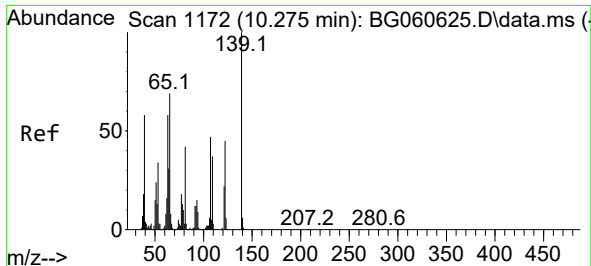
Tgt Ion:136 Resp: 433473
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 11.0 8.5 12.7
68 6.4 5.0 7.6



#23
Nitrobenzene-d5
Concen: 90.124 ng
RT: 9.521 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion: 82 Resp: 750647
Ion Ratio Lower Upper
82 100
128 39.5 31.6 47.4
54 62.4 49.3 73.9

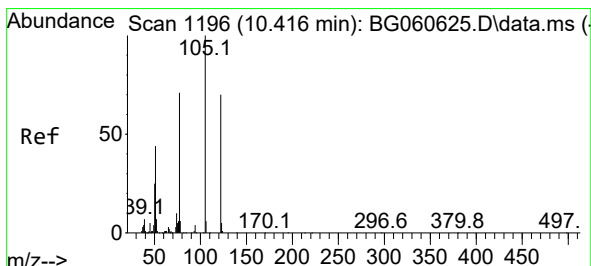
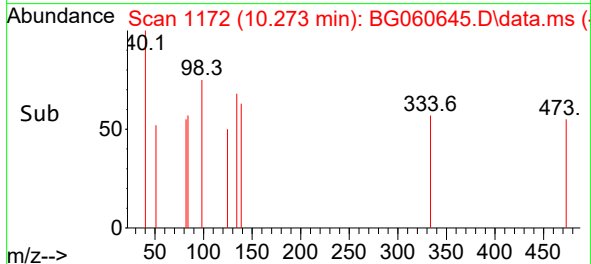
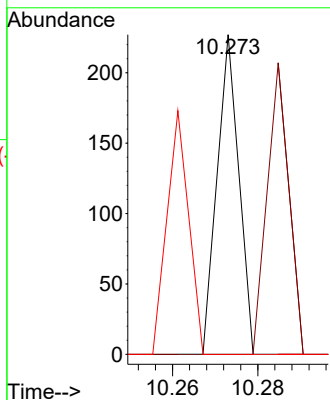
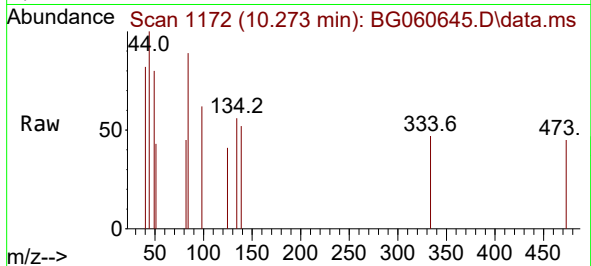




#26
2-Nitrophenol
Concen: 2.259 ng
RT: 10.273 min Scan# 1172
Delta R.T. -0.002 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

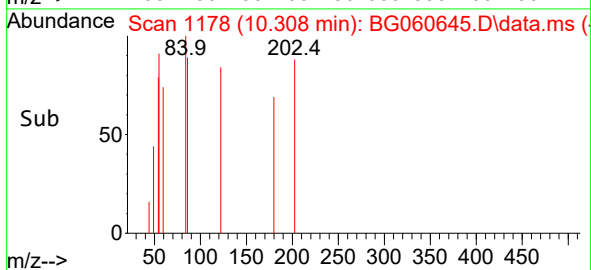
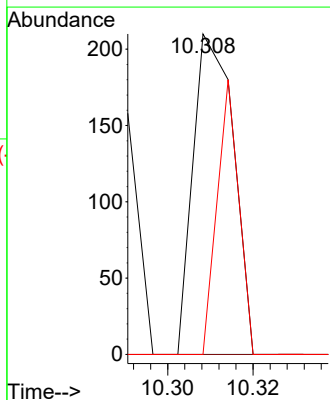
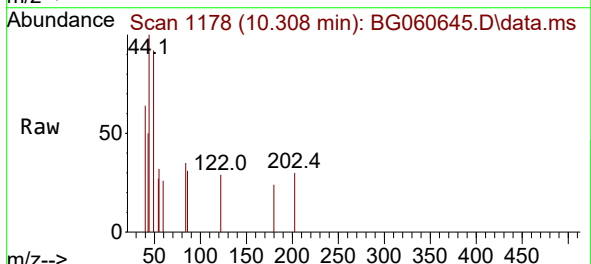
Instrument :
BNA_G
ClientSampleId :
MW-02

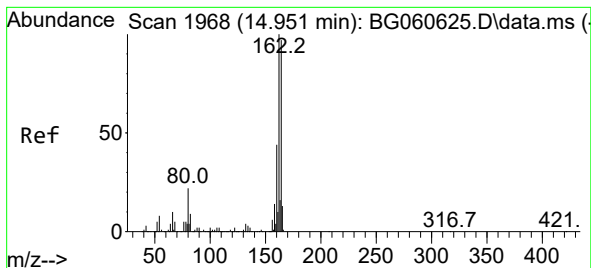
Tgt Ion:139 Resp: 80
Ion Ratio Lower Upper
139 100
109 0.0 29.5 44.3#
65 0.0 55.0 82.4#



#32
Benzoic acid
Concen: 6.045 ng
RT: 10.308 min Scan# 1178
Delta R.T. -0.108 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion:122 Resp: 137
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: 14.944 min Scan# 1967

Delta R.T. -0.007 min

Lab File: BG060645.D

Acq: 14 Mar 2024 19:17

Instrument :

BNA_G

ClientSampleId :

MW-02

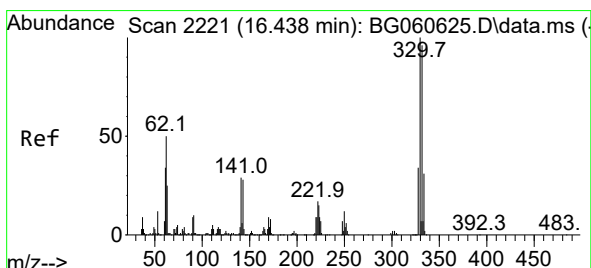
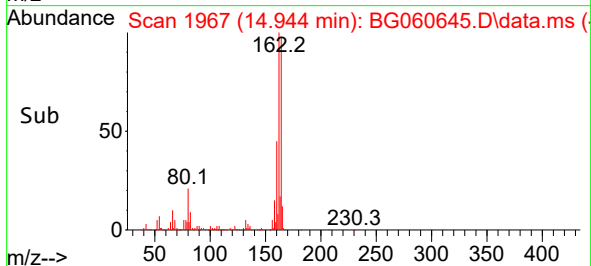
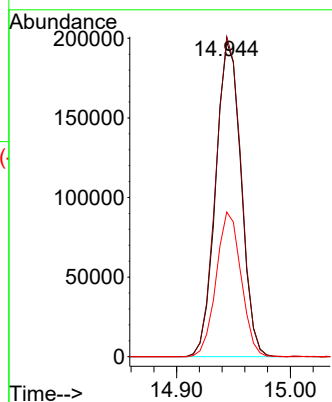
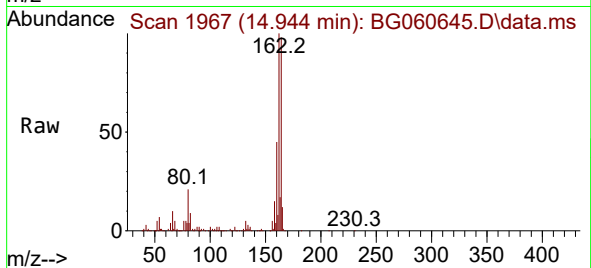
Tgt Ion:164 Resp: 306273

Ion Ratio Lower Upper

164 100

162 101.7 82.5 123.7

160 46.0 36.4 54.6



#42

2,4,6-Tribromophenol

Concen: 103.148 ng

RT: 16.430 min Scan# 2220

Delta R.T. -0.007 min

Lab File: BG060645.D

Acq: 14 Mar 2024 19:17

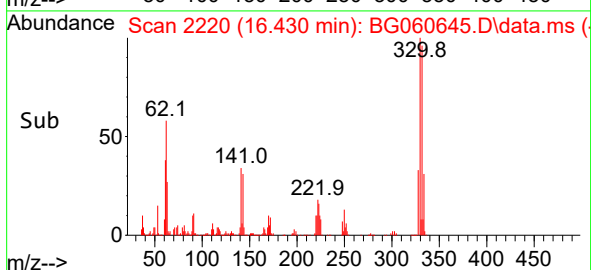
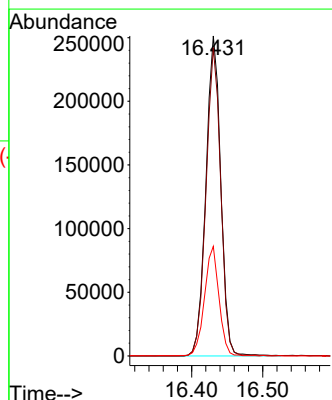
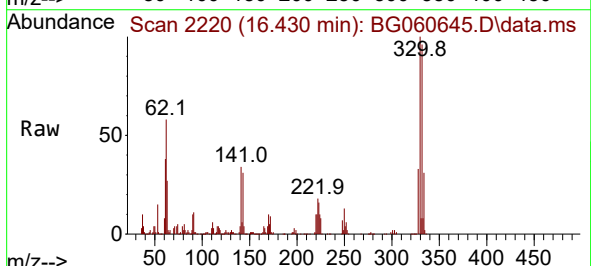
Tgt Ion:330 Resp: 366079

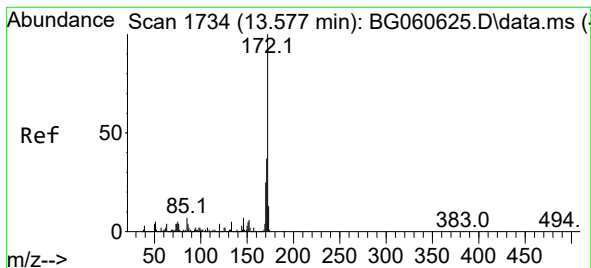
Ion Ratio Lower Upper

330 100

332 95.5 77.8 116.8

141 33.5 25.4 38.2

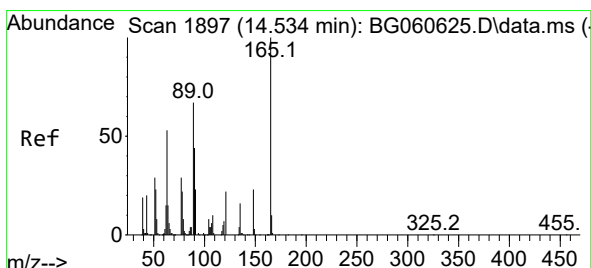
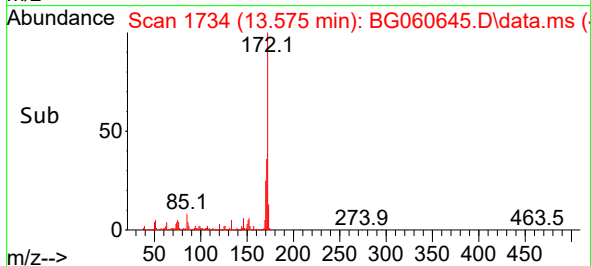
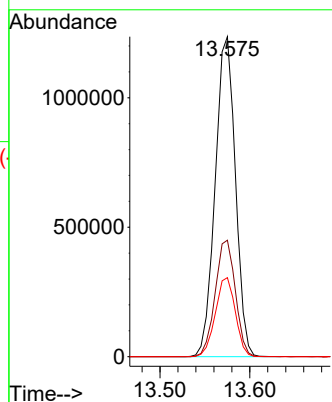
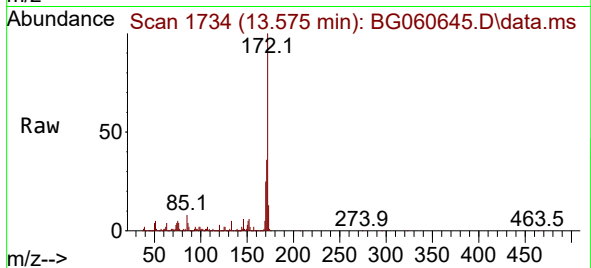




#45
2-Fluorobiphenyl
Concen: 85.189 ng
RT: 13.575 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

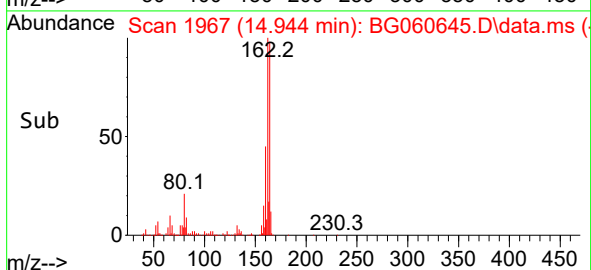
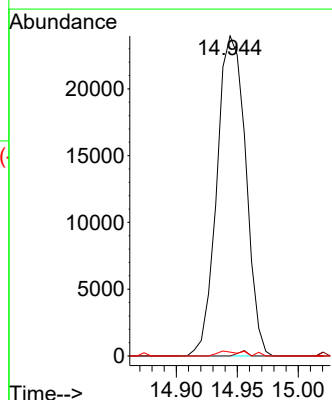
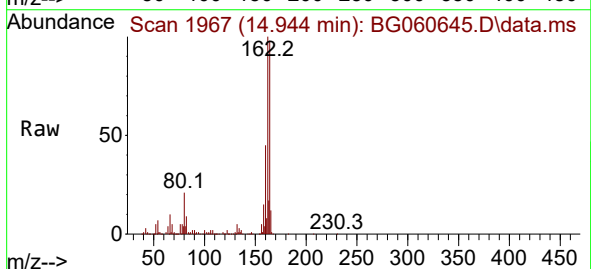
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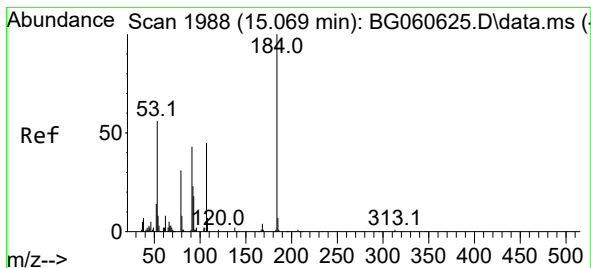
Tgt Ion:172 Resp: 1929764
Ion Ratio Lower Upper
172 100
171 36.4 29.9 44.9
170 24.7 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 9.316 ng
RT: 14.944 min Scan# 1967
Delta R.T. 0.410 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion:165 Resp: 39430
Ion Ratio Lower Upper
165 100
63 0.0 55.8 83.6#
89 1.2 54.1 81.1#

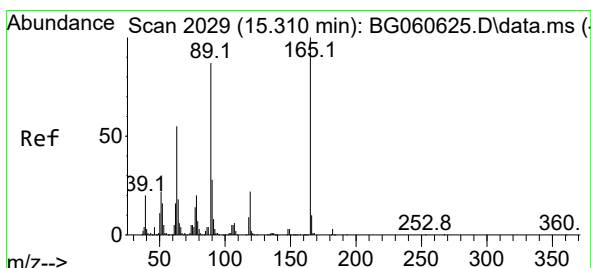
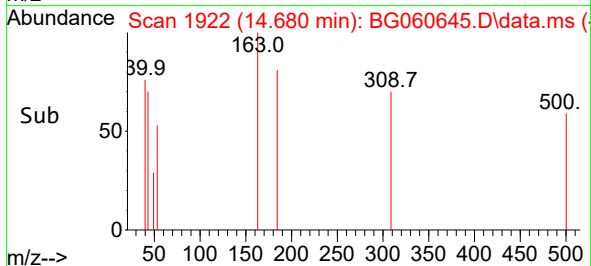
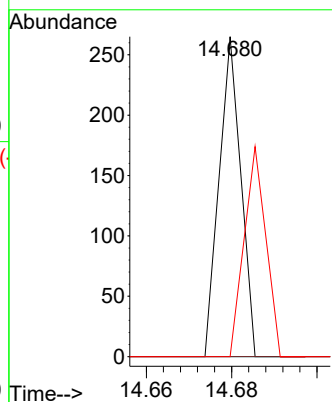
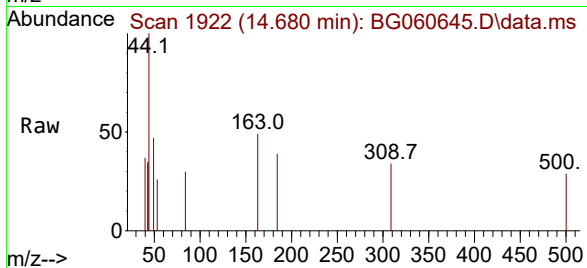




#54
2,4-Dinitrophenol
Concen: 6.883 ng
RT: 14.680 min Scan# 1988
Delta R.T. -0.389 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

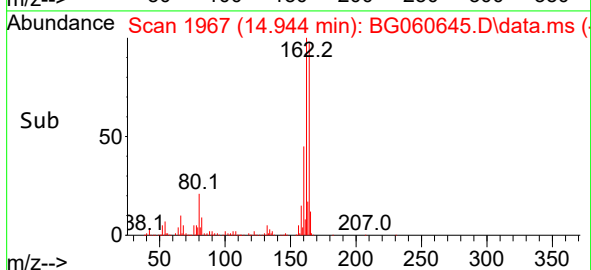
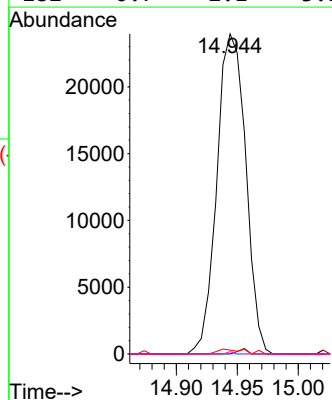
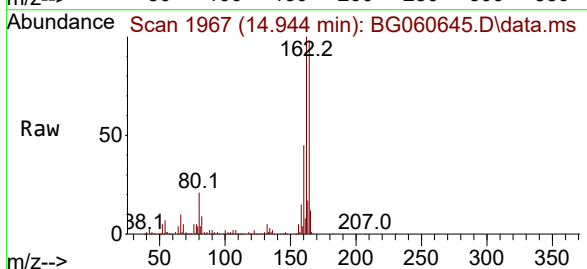
Instrument :
BNA_G
ClientSampleId :
MW-02

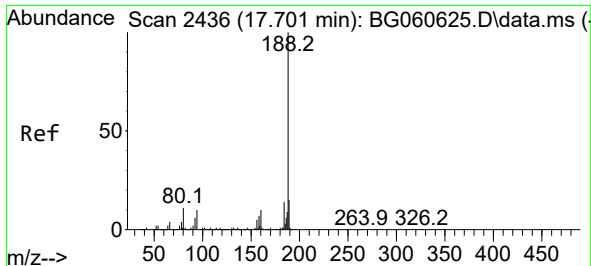
Tgt Ion:184 Resp: 93
Ion Ratio Lower Upper
184 100
63 0.0 54.4 81.6#
154 0.0 50.4 75.6#



#57
2,4-Dinitrotoluene
Concen: 7.405 ng
RT: 14.944 min Scan# 1967
Delta R.T. -0.366 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion:165 Resp: 39430
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 1.2 69.7 104.5#
182 0.7 2.1 3.1#

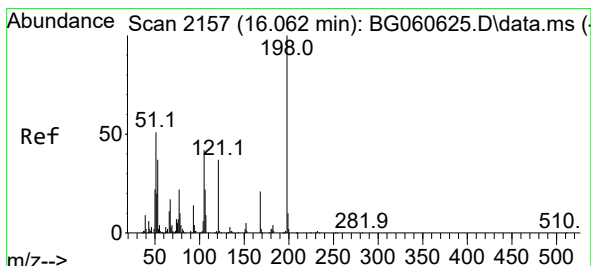
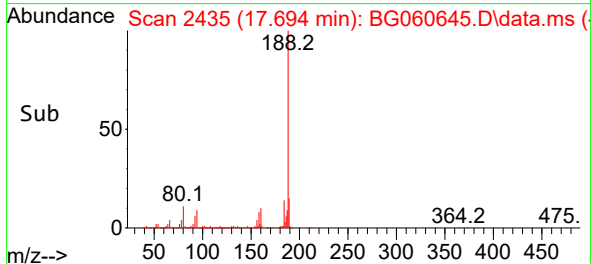
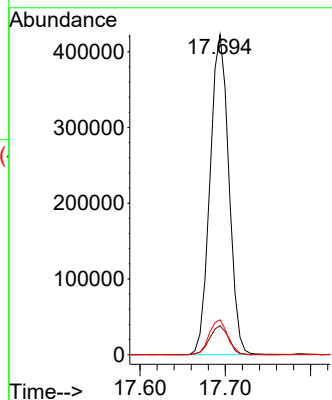
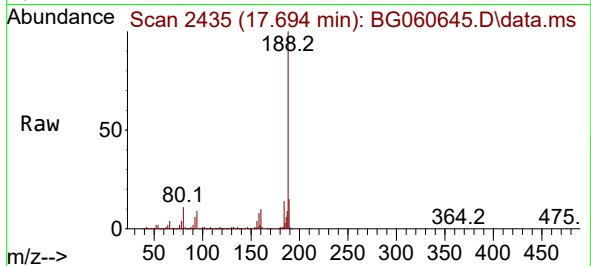




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.694 min Scan# 2436
Delta R.T. -0.007 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

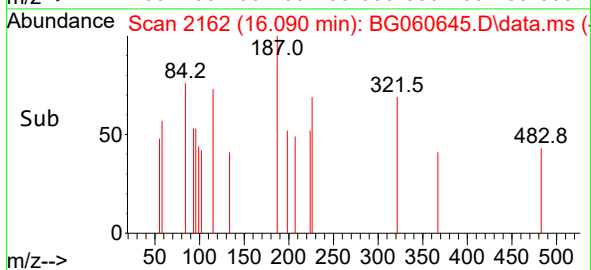
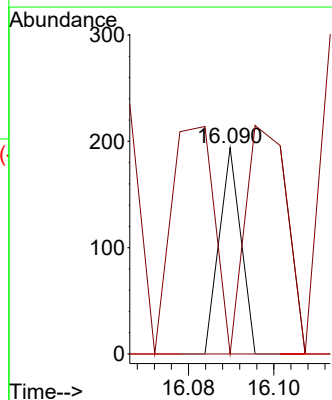
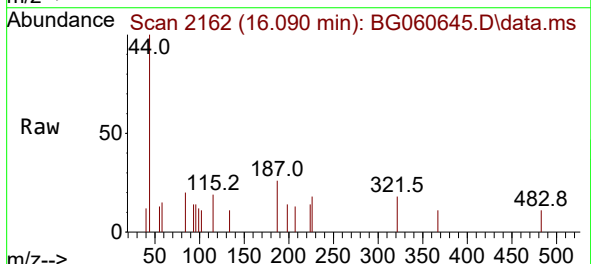
Instrument :
BNA_G
ClientSampleId :
MW-02

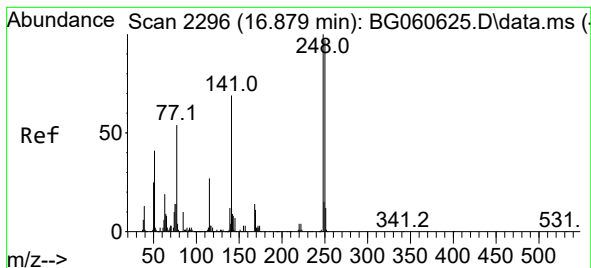
Tgt Ion:188 Resp: 646742
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 10.9 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.836 ng
RT: 16.090 min Scan# 2162
Delta R.T. 0.028 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 0.0 36.9 76.9#
105 0.0 22.4 62.4#

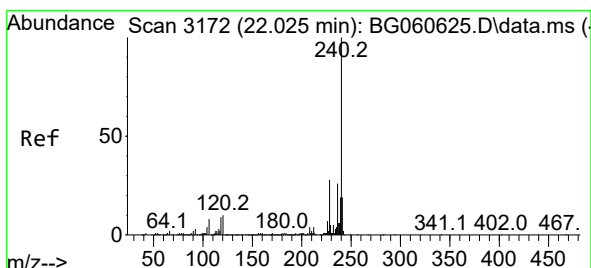
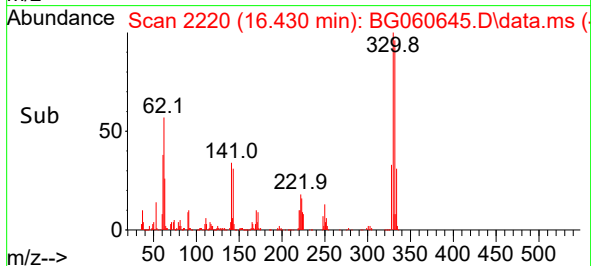
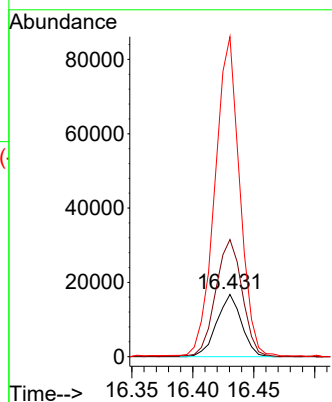
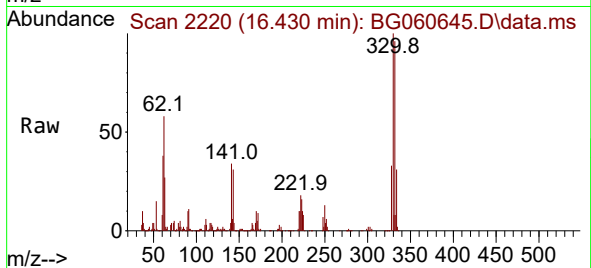




#67
4-Bromophenyl-phenylether
Concen: 3.389 ng
RT: 16.430 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

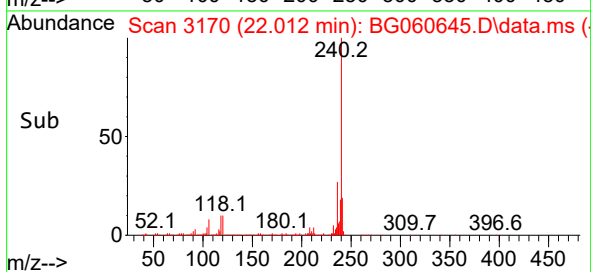
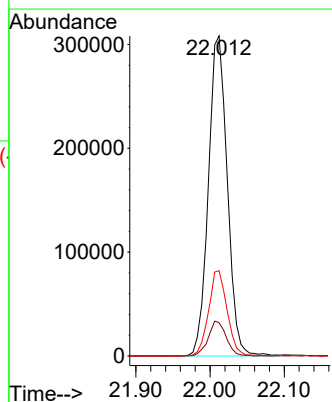
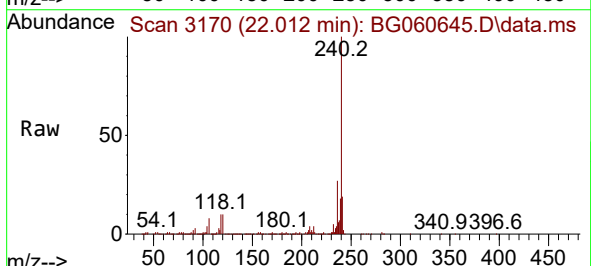
Instrument :
BNA_G
ClientSampleId :
MW-02

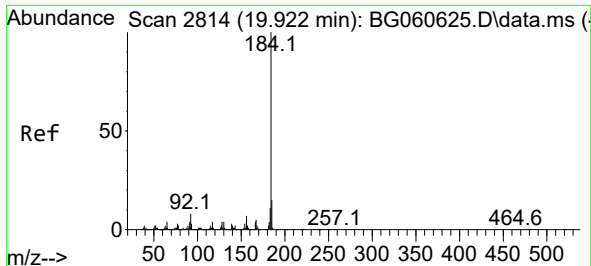
Tgt Ion:248 Resp: 23638
Ion Ratio Lower Upper
248 100
250 188.2 77.8 116.6#
141 513.9 55.1 82.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.012 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion:240 Resp: 546831
Ion Ratio Lower Upper
240 100
120 10.4 7.8 11.8
236 26.6 20.6 31.0

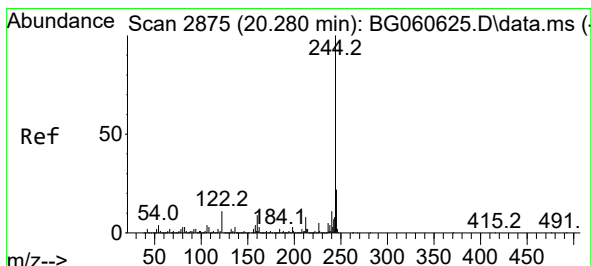
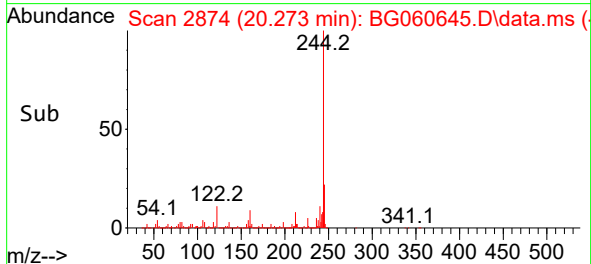
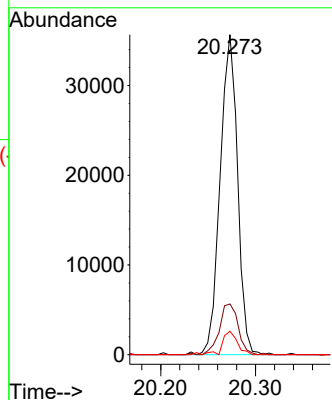
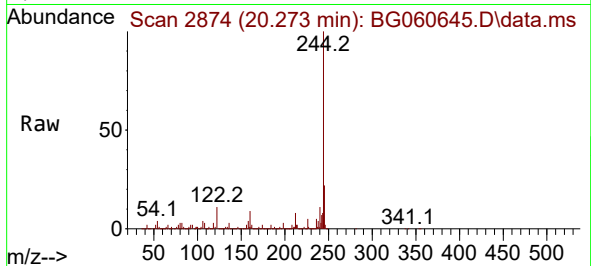




#77
Benzidine
Concen: 3.414 ng
RT: 20.273 min Scan# 2874
Delta R.T. 0.351 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

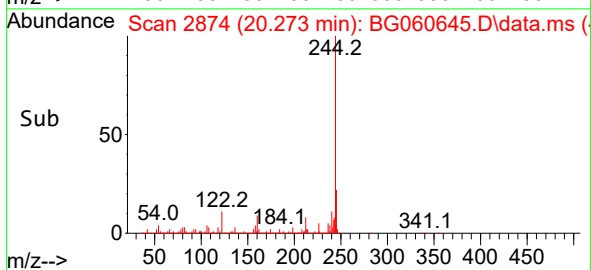
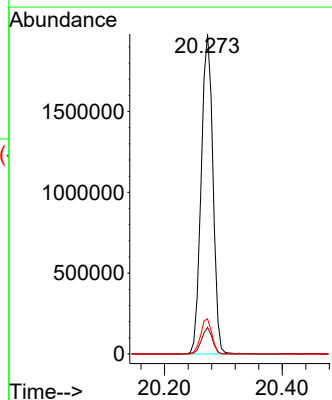
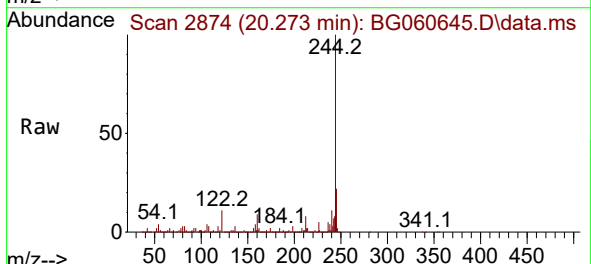
Instrument :
BNA_G
ClientSampleId :
MW-02

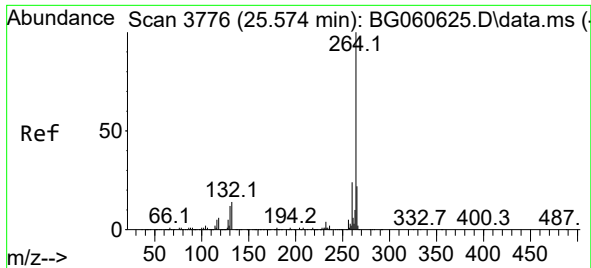
Tgt Ion:184 Resp: 45669
Ion Ratio Lower Upper
184 100
185 15.8 11.7 17.5
183 7.3 9.2 13.8#



#79
Terphenyl-d14
Concen: 90.272 ng
RT: 20.273 min Scan# 2874
Delta R.T. -0.007 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Tgt Ion:244 Resp: 2730966
Ion Ratio Lower Upper
244 100
212 8.3 6.6 9.8
122 11.0 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.561 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG060645.D
Acq: 14 Mar 2024 19:17

Instrument :
BNA_G
ClientSampleId :
MW-02

Tgt Ion:264 Resp: 624053

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	20.5	18.1	27.1

