

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055388.D
 Acq On : 31 Oct 2022 21:18
 Operator : CG/JU
 Sample : N5371-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-7-WC

Quant Time: Nov 01 06:50:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

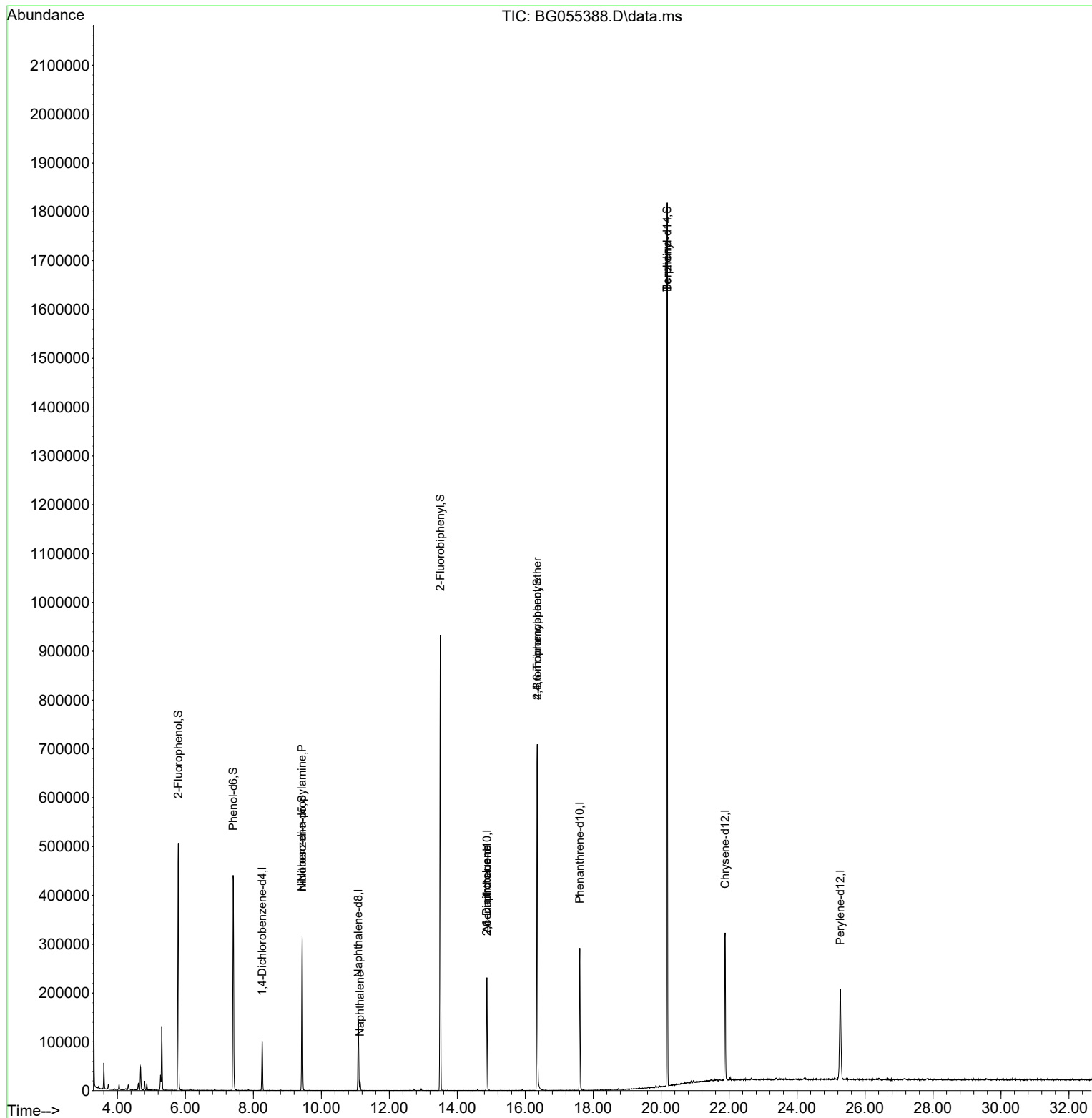
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	30774	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	128037	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	88147	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	198007	20.000	ng	# 0.00
76) Chrysene-d12	21.883	240	194923	20.000	ng	0.00
86) Perylene-d12	25.273	264	209631	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.790	112	233628	132.929	ng	0.00
7) Phenol-d6	7.406	99	280290	110.079	ng	0.00
23) Nitrobenzene-d5	9.433	82	204705	81.640	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	163797	170.936	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	487199	90.465	ng	-0.01
79) Terphenyl-d14	20.179	244	856219	91.264	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.433	70	26962	12.751	ng	# 78
31) Naphthalene	11.137	128	17853	2.614	ng	99
51) 2,6-Dinitrotoluene	14.868	165	11659	8.279	ng	# 19
57) 2,4-Dinitrotoluene	14.868	165	11659	5.705	ng	# 18
67) 4-Bromophenyl-phenylether	16.354	248	10294	5.351	ng	# 1
77) Benzidine	20.179	184	12380	2.623	ng	# 90

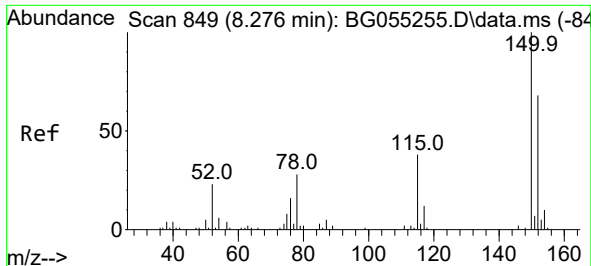
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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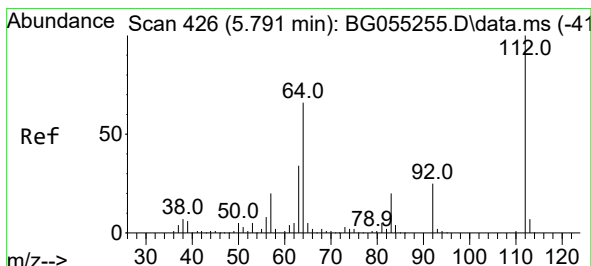
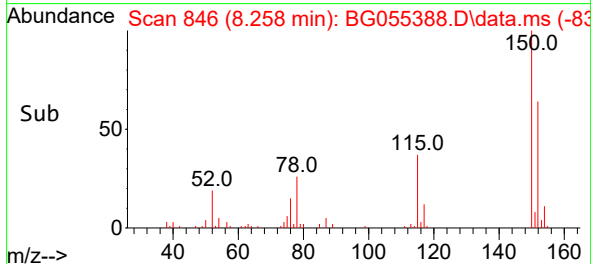
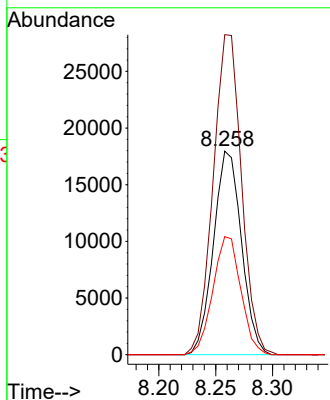
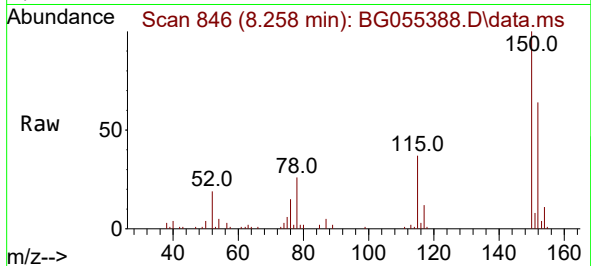




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 84
Delta R.T. -0.007 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

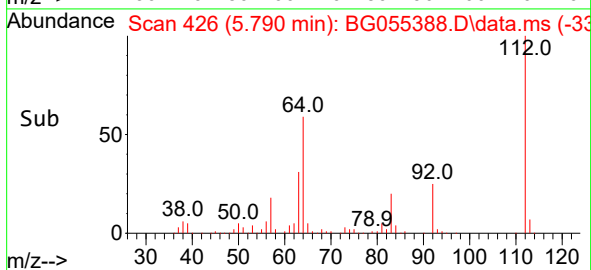
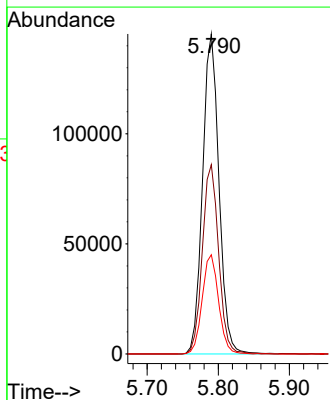
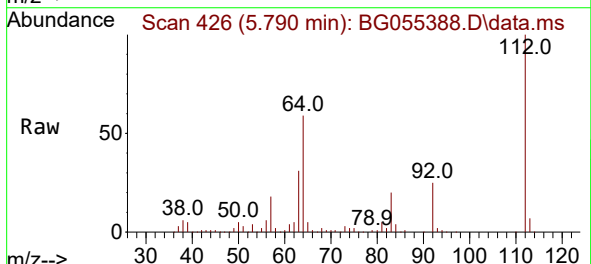
Instrument :
BNA_G
ClientSampleId :
MH-7-WC

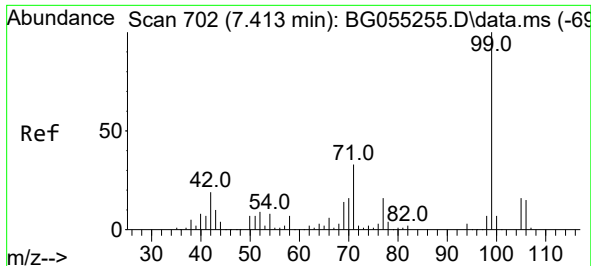
Tgt Ion:152 Resp: 30774
Ion Ratio Lower Upper
152 100
150 157.2 118.2 177.4
115 58.0 44.5 66.7



#5
2-Fluorophenol
Concen: 132.929 ng
RT: 5.790 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

Tgt Ion:112 Resp: 233628
Ion Ratio Lower Upper
112 100
64 59.2 52.6 78.8
63 31.0 27.1 40.7

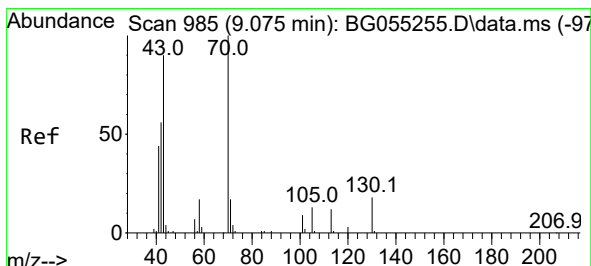
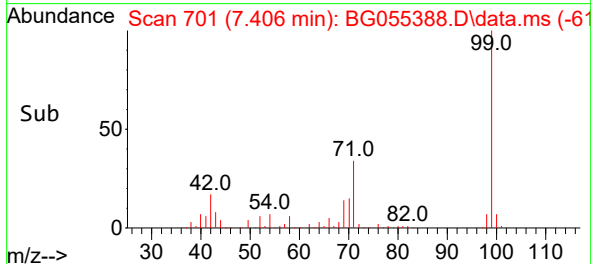
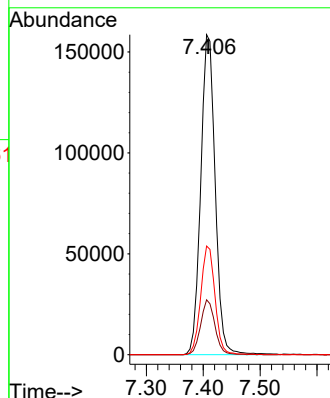
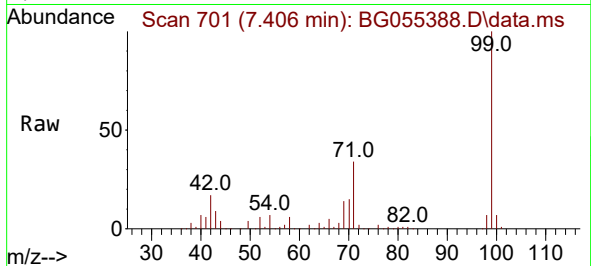




#7
Phenol-d6
Concen: 110.079 ng
RT: 7.406 min Scan# 70
Delta R.T. -0.007 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

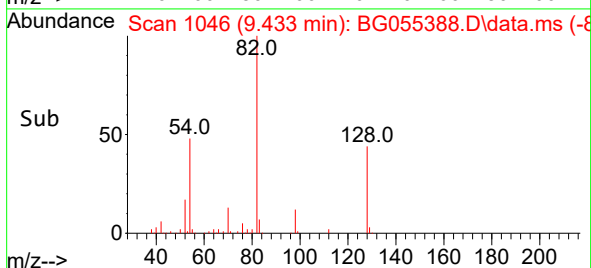
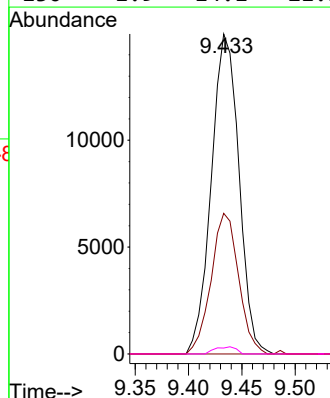
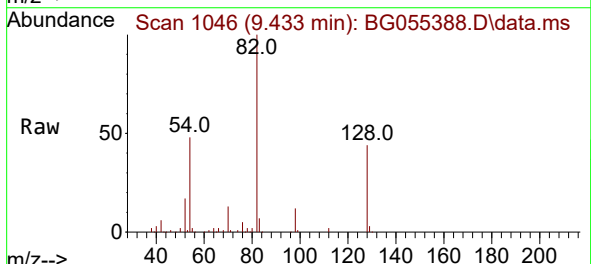
Instrument :
BNA_G
ClientSampleId :
MH-7-WC

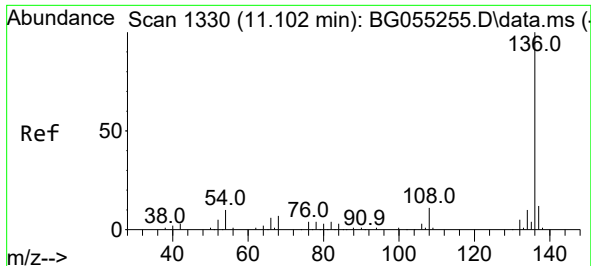
Tgt Ion: 99 Resp: 280290
Ion Ratio Lower Upper
99 100
42 17.2 15.2 22.8
71 33.9 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.751 ng
RT: 9.433 min Scan# 1046
Delta R.T. 0.363 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

Tgt Ion: 70 Resp: 26962
Ion Ratio Lower Upper
70 100
42 44.0 45.8 68.6#
101 0.0 7.4 11.0#
130 1.9 14.1 21.1#

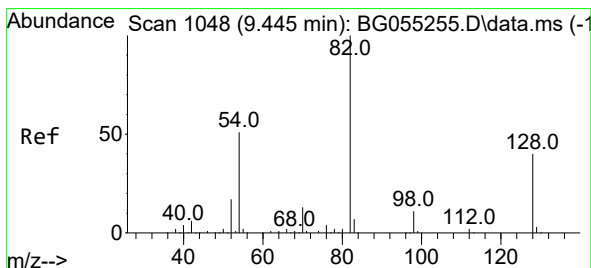
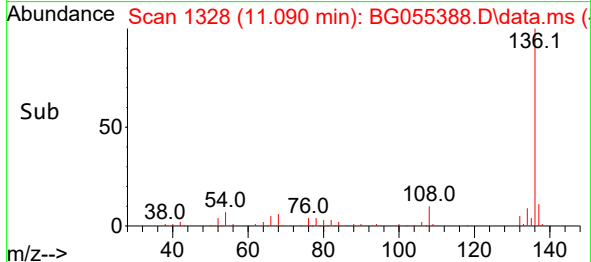
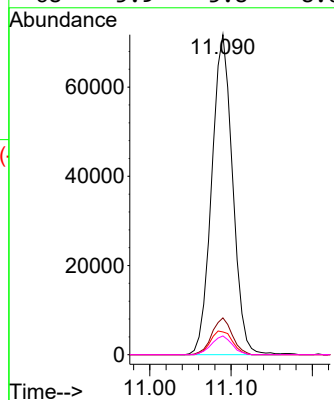
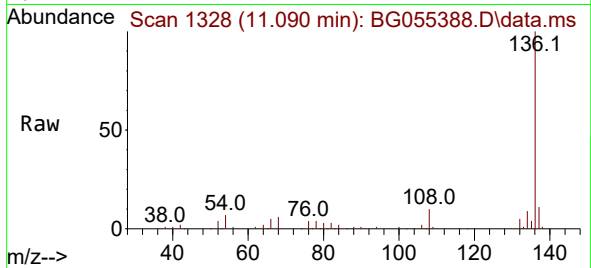




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

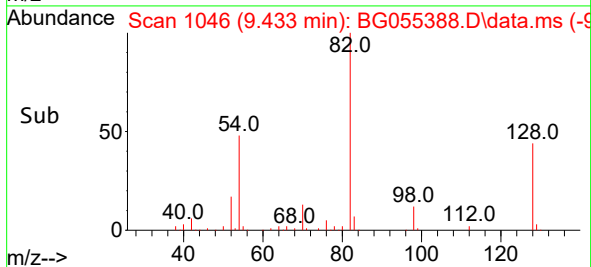
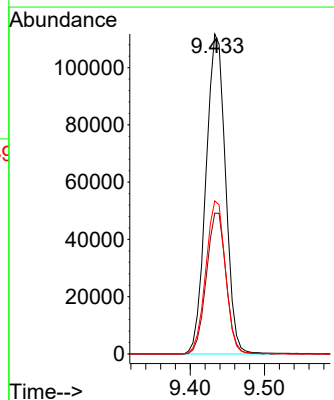
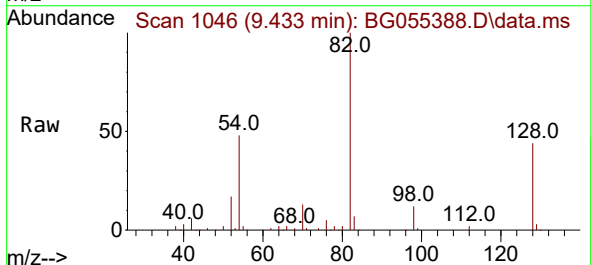
Instrument :
BNA_G
ClientSampleId :
MH-7-WC

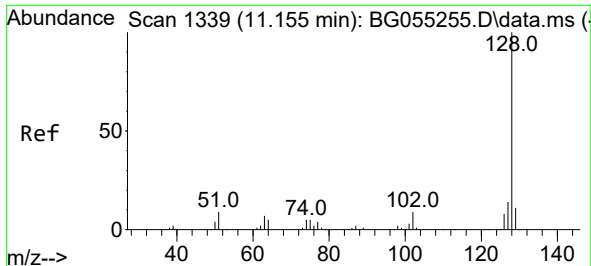
Tgt Ion:136 Resp: 128037
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.1 7.8 11.8#
68 5.9 5.8 8.6



#23
Nitrobenzene-d5
Concen: 81.640 ng
RT: 9.433 min Scan# 1046
Delta R.T. -0.007 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

Tgt Ion: 82 Resp: 204705
Ion Ratio Lower Upper
82 100
128 44.0 32.0 48.0
54 47.9 40.9 61.3

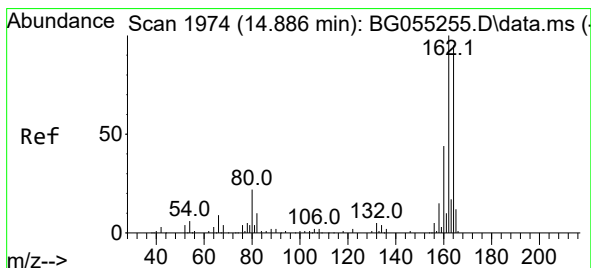
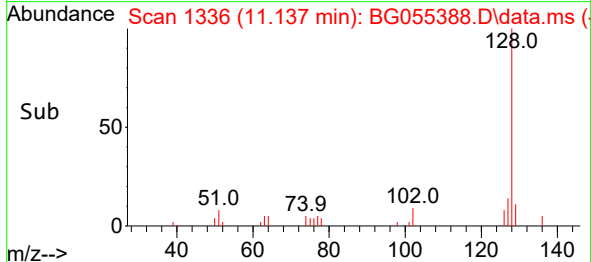
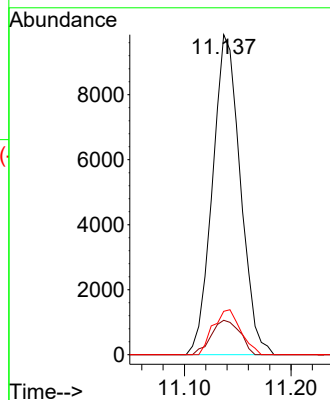
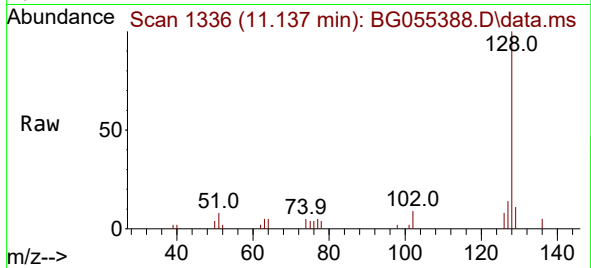




#31
Naphthalene
Concen: 2.614 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.013 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

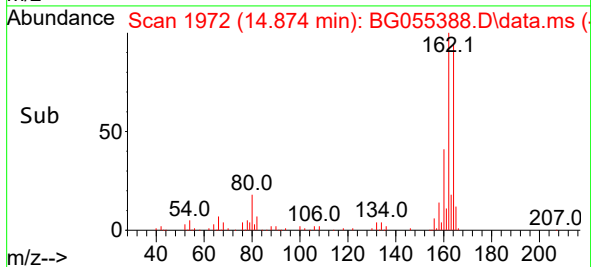
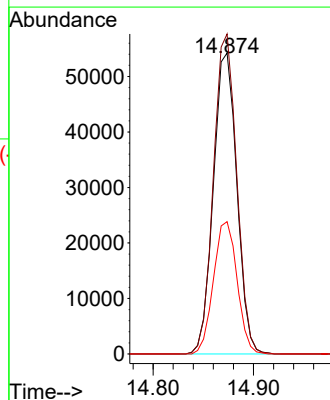
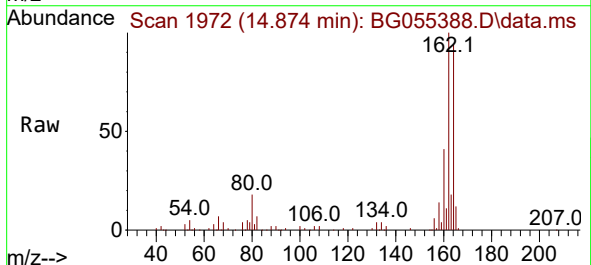
Instrument :
BNA_G
ClientSampleId :
MH-7-WC

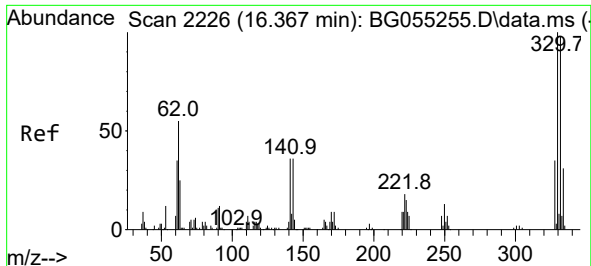
Tgt Ion:128 Resp: 17853
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.6 11.1 16.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.007 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

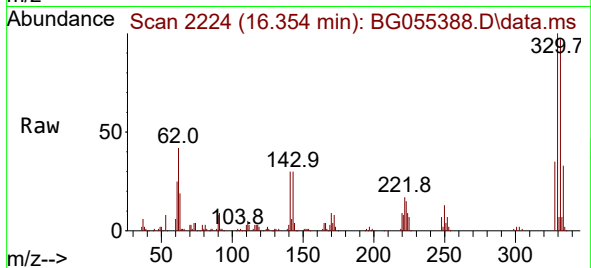
Tgt Ion:164 Resp: 88147
Ion Ratio Lower Upper
164 100
162 106.3 84.0 126.0
160 44.0 36.7 55.1



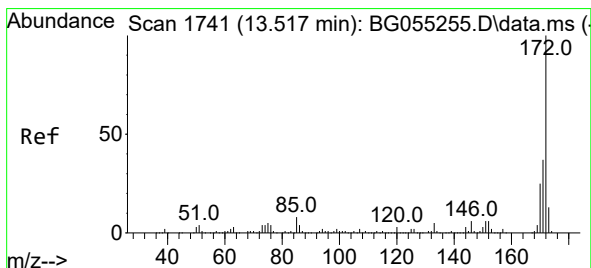
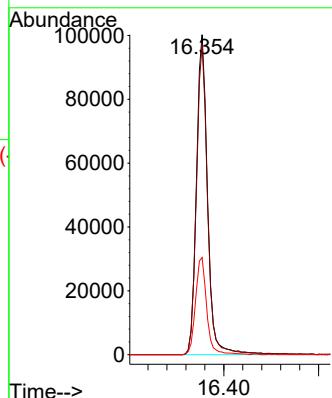
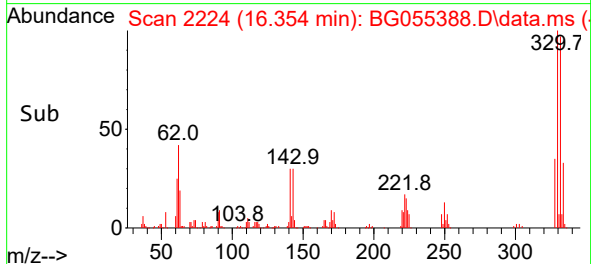


#42
 2,4,6-Tribromophenol
 Concen: 170.936 ng
 RT: 16.354 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055388.D
 Acq: 31 Oct 2022 21:18

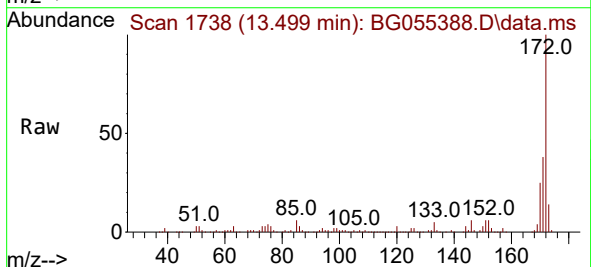
Instrument :
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 ClientSampleId :
 MH-7-WC



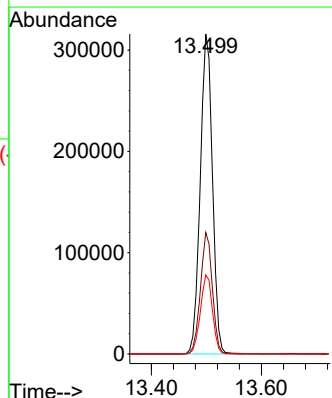
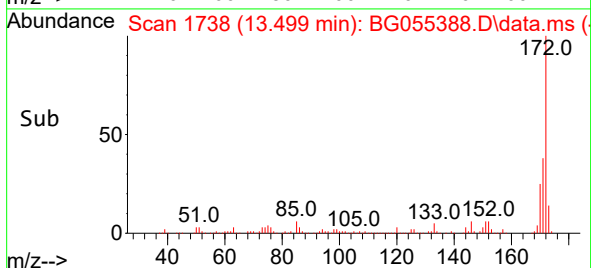
Tgt Ion:330 Resp: 163797
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.0
 141 30.5 29.8 44.8

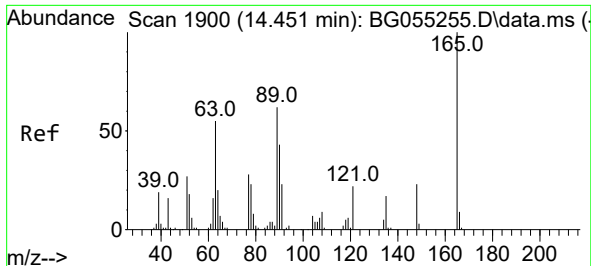


#45
 2-Fluorobiphenyl
 Concen: 90.465 ng
 RT: 13.499 min Scan# 1738
 Delta R.T. -0.013 min
 Lab File: BG055388.D
 Acq: 31 Oct 2022 21:18



Tgt Ion:172 Resp: 487199
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.7 44.5
 170 24.7 20.2 30.2

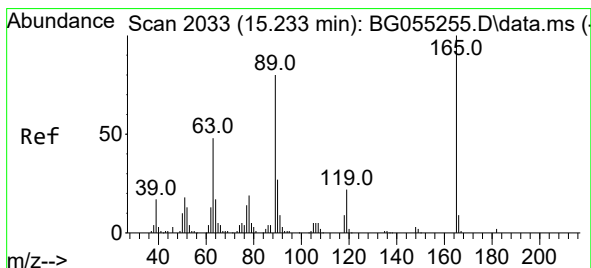
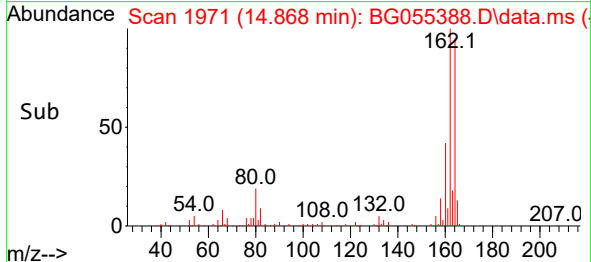
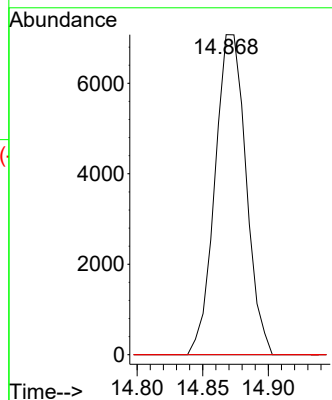
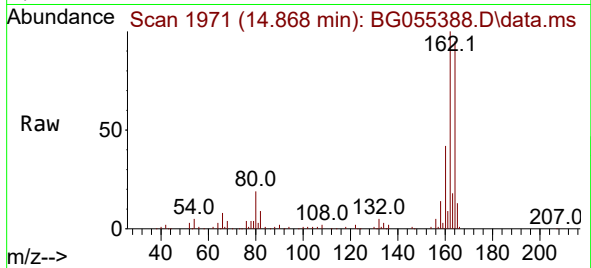




#51
2,6-Dinitrotoluene
Concen: 8.279 ng
RT: 14.868 min Scan# 1900
Delta R.T. 0.416 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

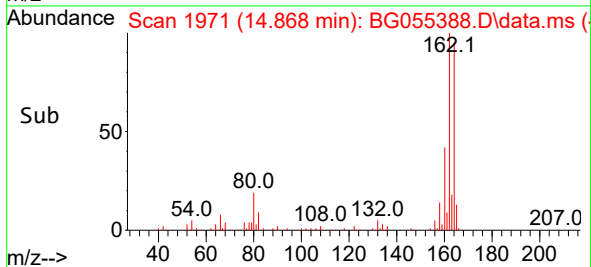
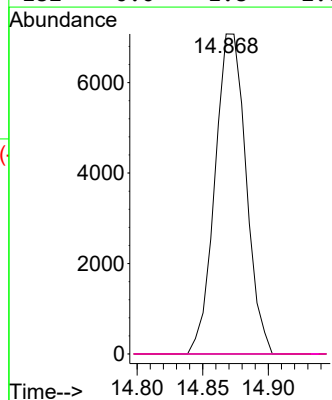
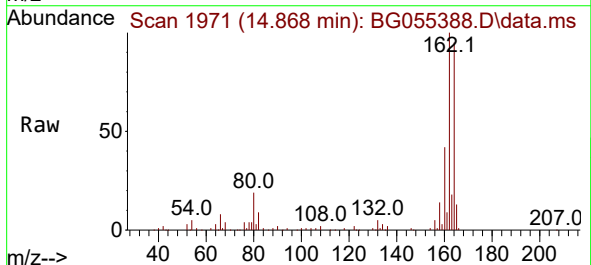
Instrument :
BNA_G
ClientSampleId :
MH-7-WC

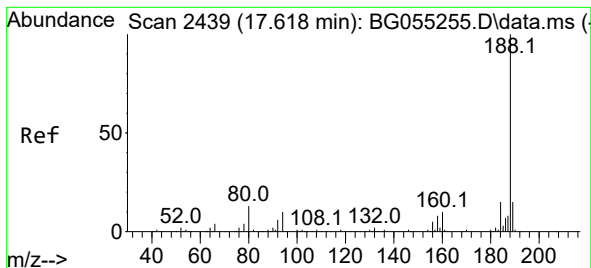
Tgt Ion:165 Resp: 11659
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 0.0 49.9 74.9#



#57
2,4-Dinitrotoluene
Concen: 5.705 ng
RT: 14.868 min Scan# 1971
Delta R.T. -0.365 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

Tgt Ion:165 Resp: 11659
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 0.0 64.2 96.4#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.606 min Scan# 2439

Delta R.T. -0.007 min

Lab File: BG055388.D

Acq: 31 Oct 2022 21:18

Instrument :

BNA_G

ClientSampleId :

MH-7-WC

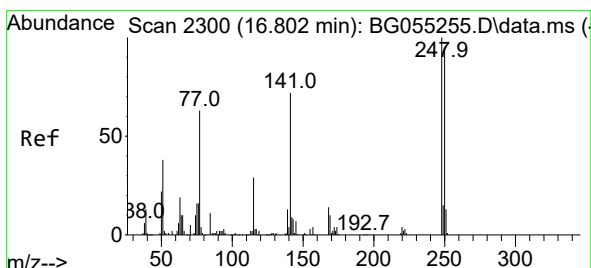
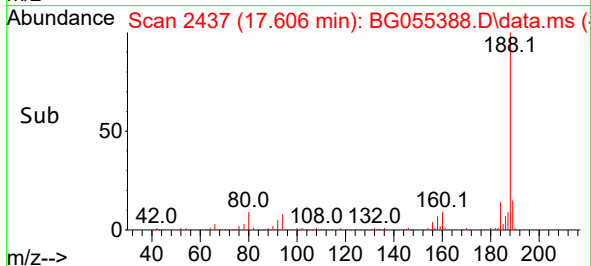
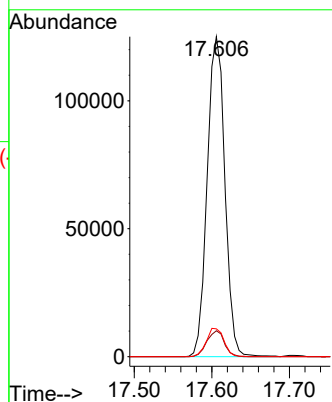
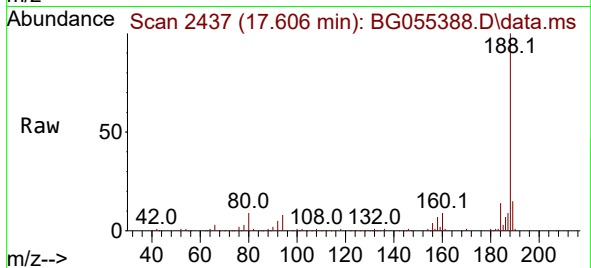
Tgt Ion:188 Resp: 198007

Ion Ratio Lower Upper

188 100

94 8.1 8.2 12.4#

80 8.7 10.1 15.1#



#67

4-Bromophenyl-phenylether

Concen: 5.351 ng

RT: 16.354 min Scan# 2224

Delta R.T. -0.442 min

Lab File: BG055388.D

Acq: 31 Oct 2022 21:18

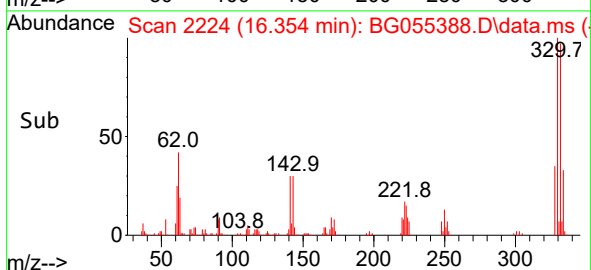
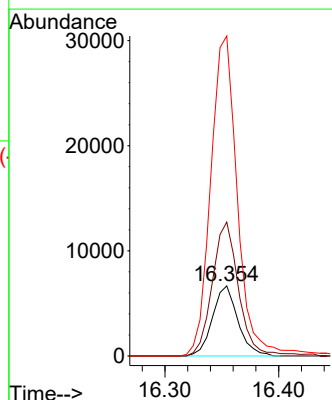
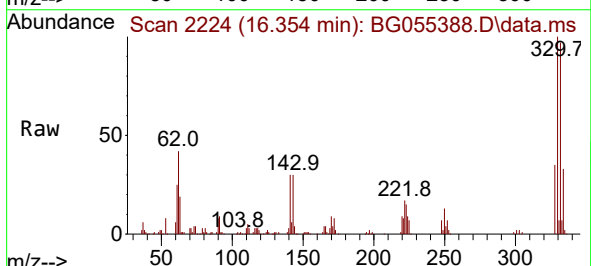
Tgt Ion:248 Resp: 10294

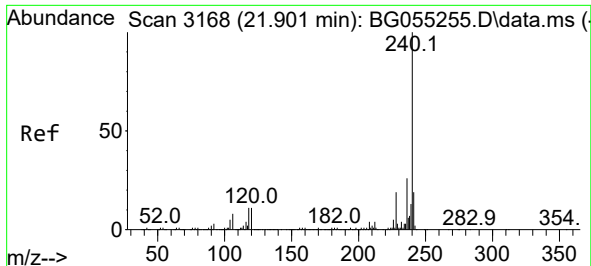
Ion Ratio Lower Upper

248 100

250 191.3 76.0 114.0#

141 457.0 58.0 87.0#

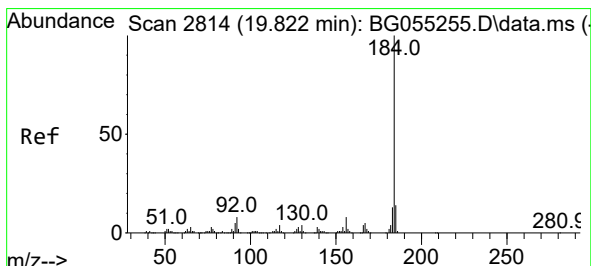
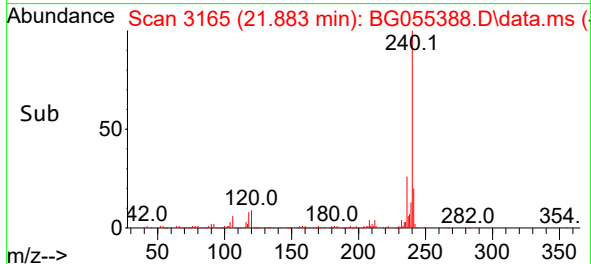
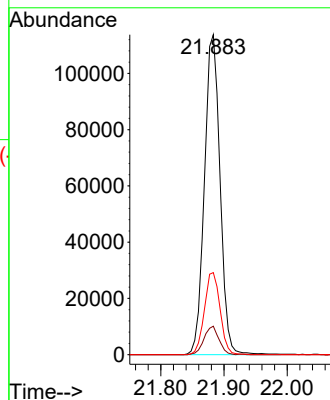
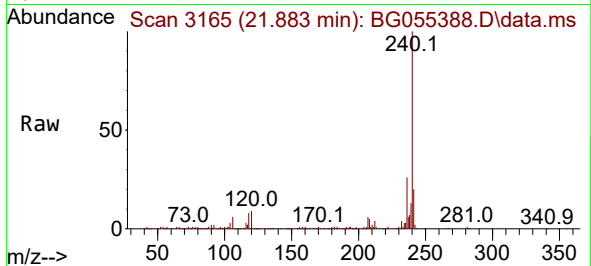




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.883 min Scan# 3165
Delta R.T. -0.007 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

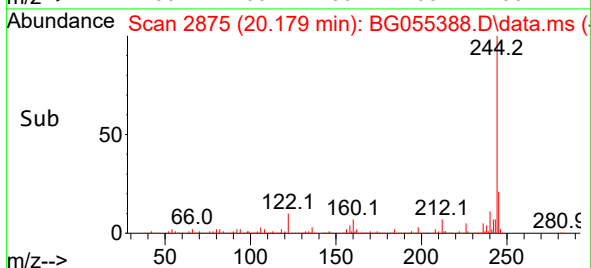
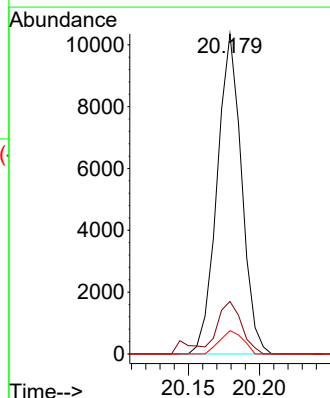
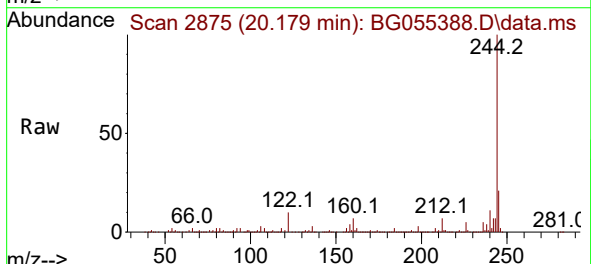
Instrument :
BNA_G
ClientSampleId :
MH-7-WC

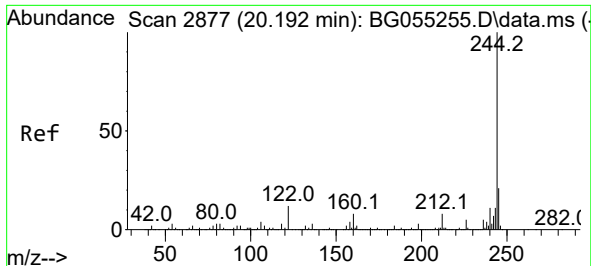
Tgt Ion:240 Resp: 194923
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3
236 25.6 21.0 31.4



#77
Benzidine
Concen: 2.623 ng
RT: 20.179 min Scan# 2875
Delta R.T. 0.363 min
Lab File: BG055388.D
Acq: 31 Oct 2022 21:18

Tgt Ion:184 Resp: 12380
Ion Ratio Lower Upper
184 100
185 16.4 11.0 16.6
183 7.3 10.0 15.0#

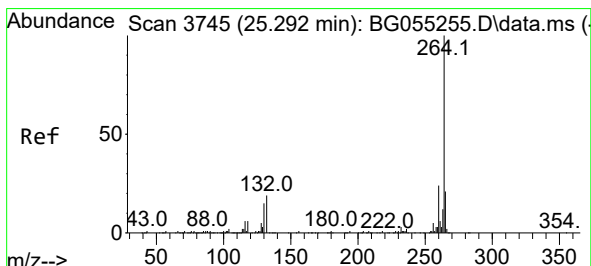
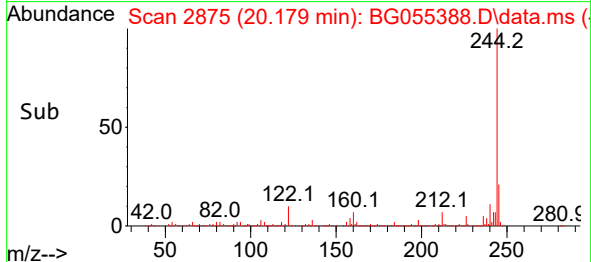
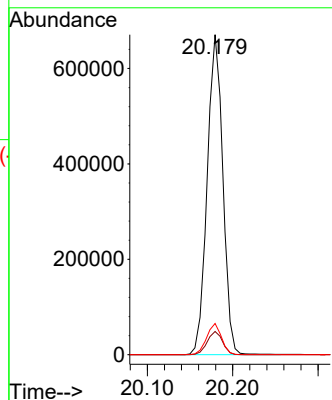
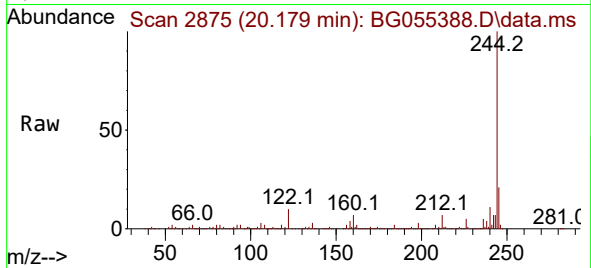




#79
 Terphenyl-d14
 Concen: 91.264 ng
 RT: 20.179 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055388.D
 Acq: 31 Oct 2022 21:18

Instrument :
 BNA_G
 ClientSampleId :
 MH-7-WC

Tgt Ion:244 Resp: 856219
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.273 min Scan# 3742
 Delta R.T. -0.013 min
 Lab File: BG055388.D
 Acq: 31 Oct 2022 21:18

Tgt Ion:264 Resp: 209631
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.5 29.3
 265 21.2 17.4 26.2

