

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056661.D
 Acq On : 17 Feb 2023 18:28
 Operator : CG/JU
 Sample : 01581-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-A

Quant Time: Feb 18 00:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

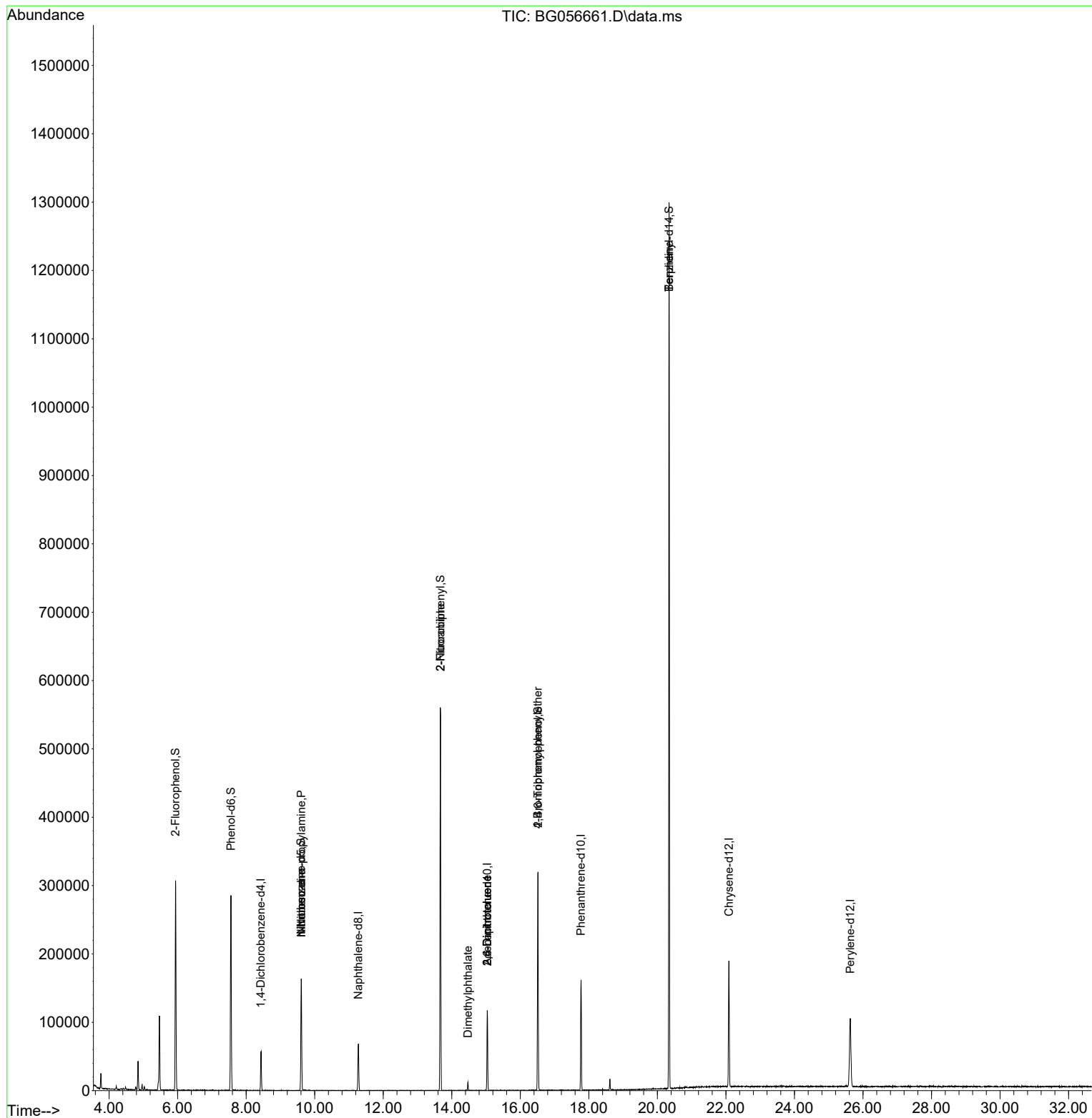
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.431	152	14999	20.000	ng	-0.01
21) Naphthalene-d8	11.275	136	55092	20.000	ng	0.00
39) Acenaphthene-d10	15.035	164	42026	20.000	ng	0.00
64) Phenanthrene-d10	17.773	188	108706	20.000	ng	# 0.00
76) Chrysene-d12	22.085	240	121469	20.000	ng	-0.02
86) Perylene-d12	25.628	264	128369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.940	112	128890	139.818	ng	0.00
7) Phenol-d6	7.555	99	161080	118.293	ng	0.00
23) Nitrobenzene-d5	9.606	82	97748	90.845	ng	-0.01
42) 2,4,6-Tribromophenol	16.516	330	70998	123.392	ng	0.00
45) 2-Fluorobiphenyl	13.672	172	292990	93.354	ng	0.00
79) Terphenyl-d14	20.340	244	653998	88.090	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.612	70	13251	12.999	ng	# 79
24) Nitrobenzene	9.612	77	236	2.866	ng	# 43
48) 2-Nitroaniline	13.672	65	453	5.796	ng	# 1
50) Dimethylphthalate	14.471	163	8001	2.303	ng	# 96
51) 2,6-Dinitrotoluene	15.035	165	5409	10.181	ng	# 21
57) 2,4-Dinitrotoluene	15.035	165	5409	6.384	ng	# 24
67) 4-Bromophenyl-phenylether	16.510	248	4880	3.497	ng	# 1
77) Benzidine	20.340	184	10363	3.567	ng	# 90

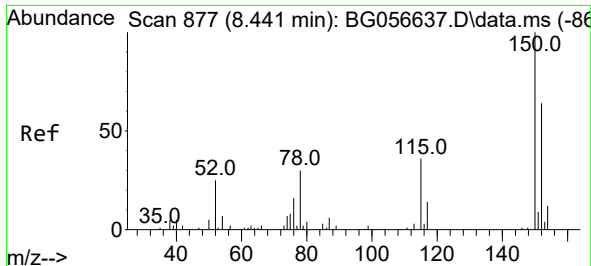
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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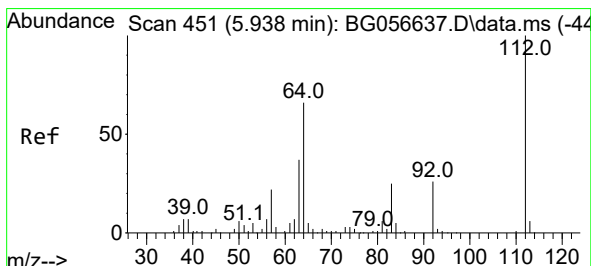
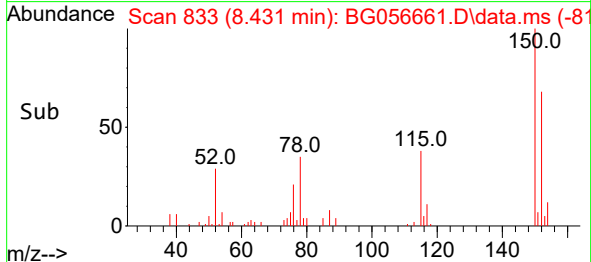
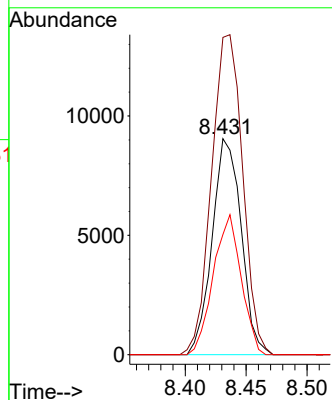
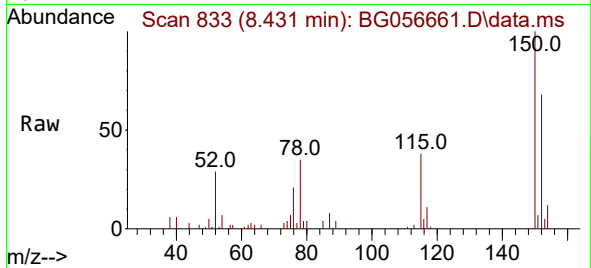




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.431 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

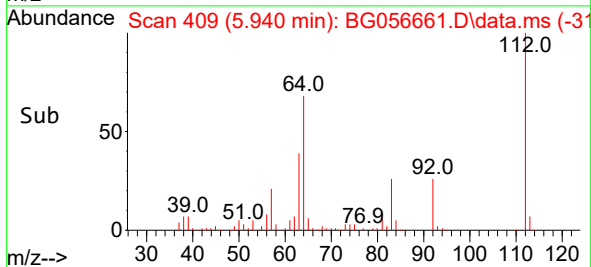
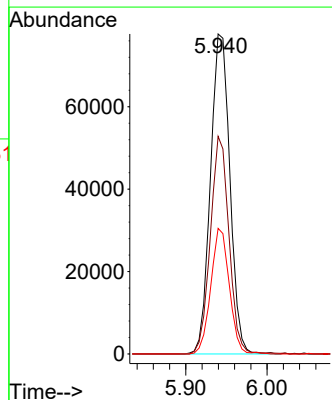
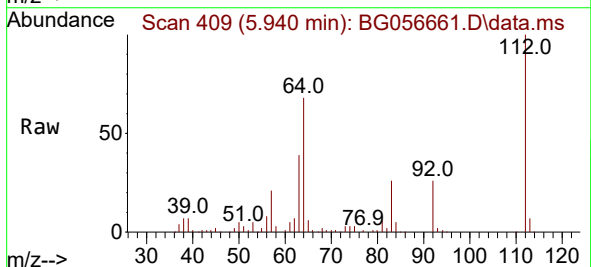
Instrument :
BNA_G
ClientSampleId :
MH-A

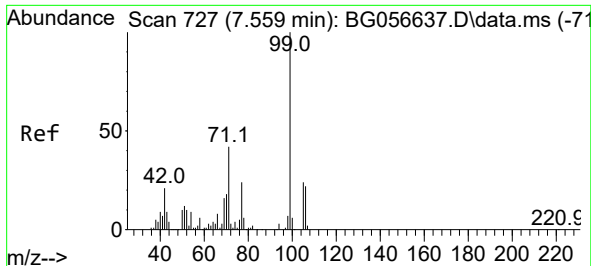
Tgt Ion:152 Resp: 14999
Ion Ratio Lower Upper
152 100
150 146.9 124.8 187.2
115 55.7 44.7 67.1



#5
2-Fluorophenol
Concen: 139.818 ng
RT: 5.940 min Scan# 409
Delta R.T. 0.002 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion:112 Resp: 128890
Ion Ratio Lower Upper
112 100
64 68.0 52.6 78.8
63 39.2 29.8 44.6

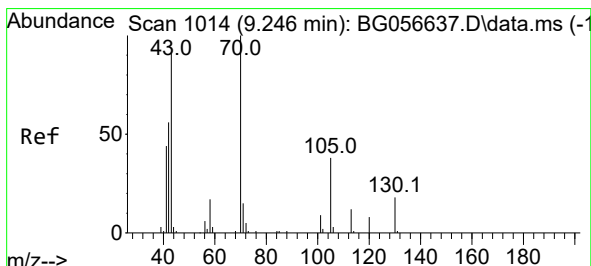
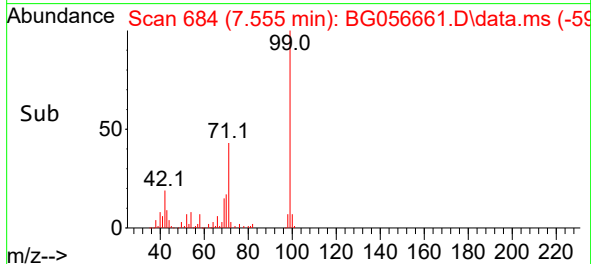
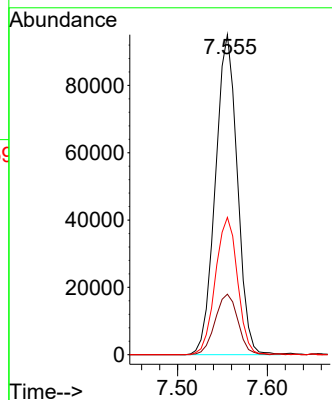
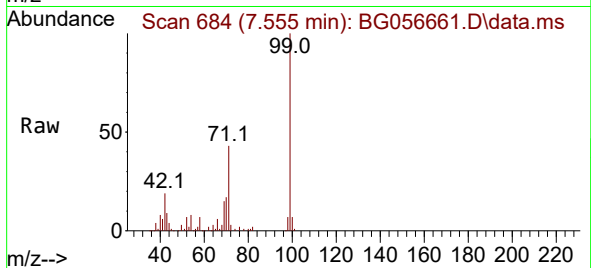




#7
Phenol-d6
Concen: 118.293 ng
RT: 7.555 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

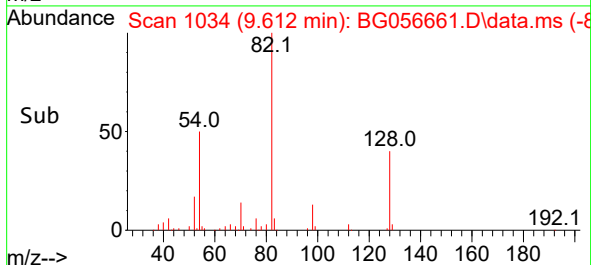
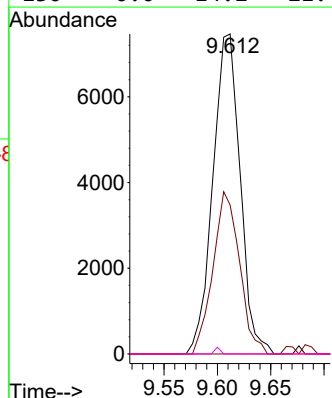
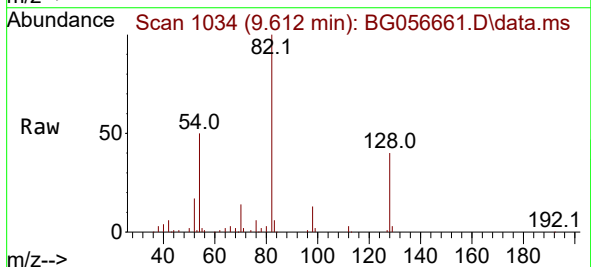
Instrument :
BNA_G
ClientSampleId :
MH-A

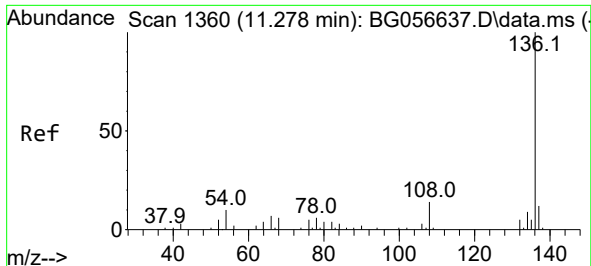
Tgt Ion: 99 Resp: 161080
Ion Ratio Lower Upper
99 100
42 18.9 16.8 25.2
71 42.9 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.999 ng
RT: 9.612 min Scan# 1034
Delta R.T. 0.366 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion: 70 Resp: 13251
Ion Ratio Lower Upper
70 100
42 46.5 45.7 68.5
101 0.0 7.4 11.0#
130 0.0 14.2 21.4#

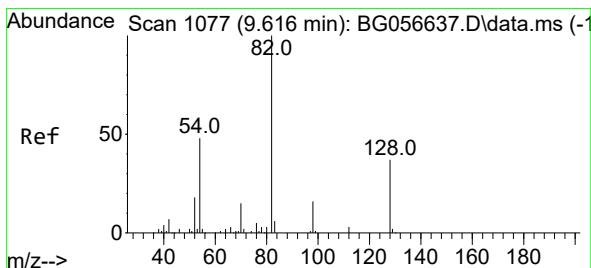
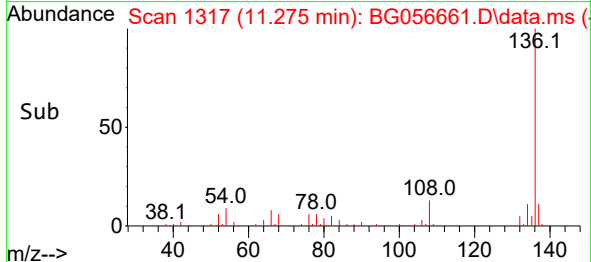
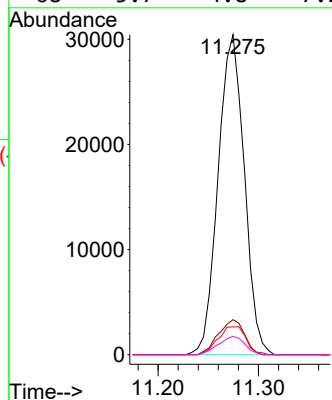
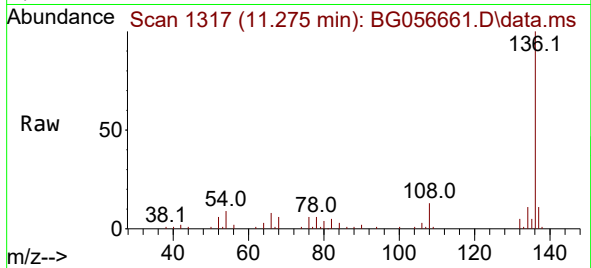




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

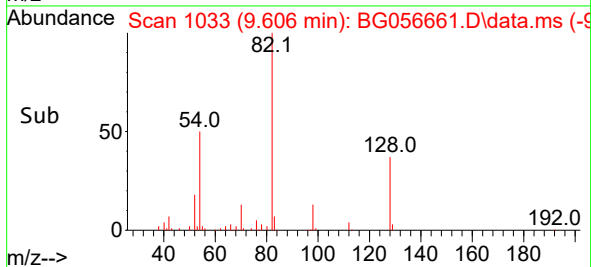
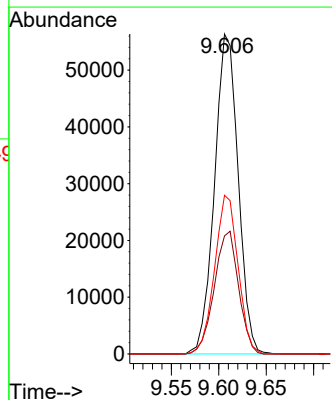
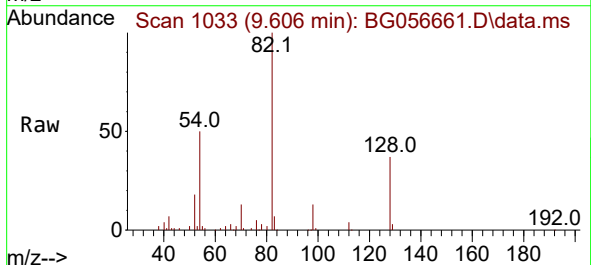
Instrument :
BNA_G
ClientSampleId :
MH-A

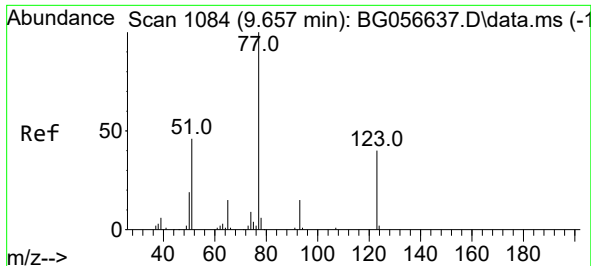
Tgt Ion:	136	Resp:	55092
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.7	14.5
54	8.7	7.7	11.5
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 90.845 ng
RT: 9.606 min Scan# 1033
Delta R.T. -0.010 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion:	82	Resp:	97748
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.4	44.2
54	49.6	37.8	56.6

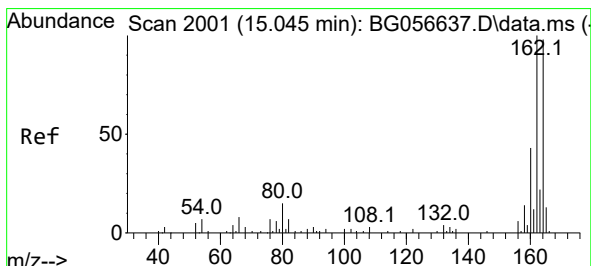
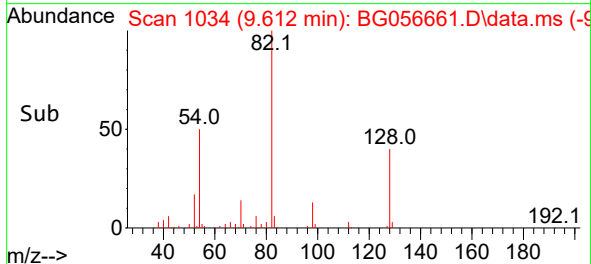
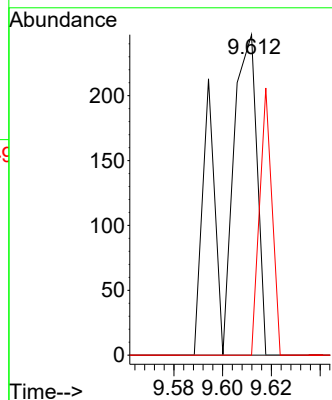
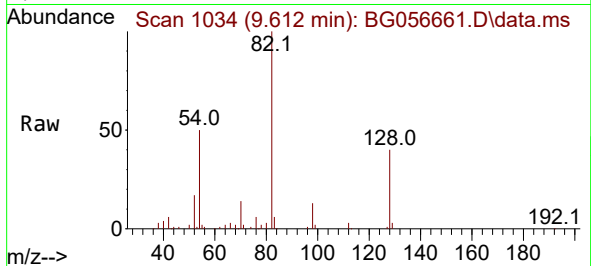




#24
Nitrobenzene
Concen: 2.866 ng
RT: 9.612 min Scan# 1084
Delta R.T. -0.045 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

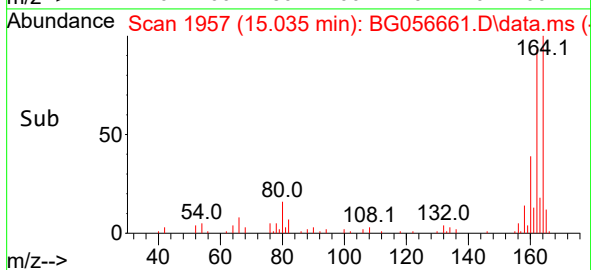
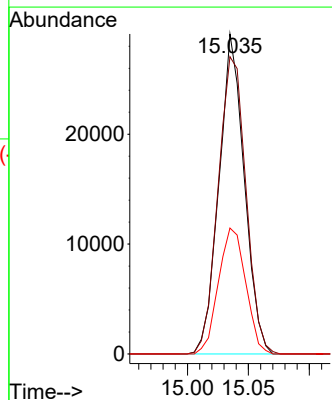
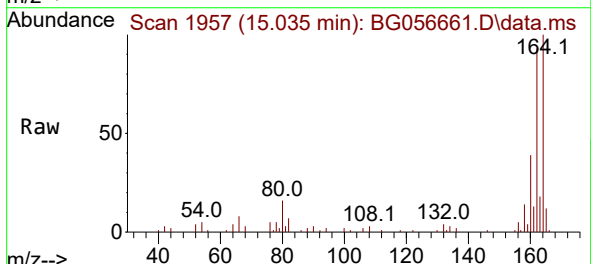
Instrument :
BNA_G
ClientSampleId :
MH-A

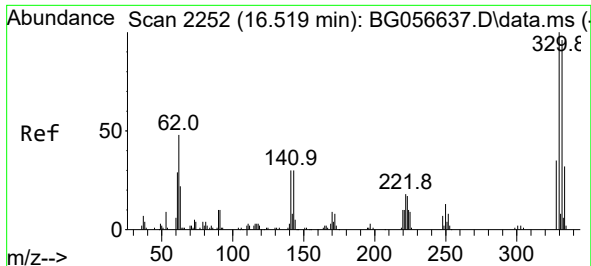
Tgt Ion: 77 Resp: 236
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.035 min Scan# 1957
Delta R.T. -0.010 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion:164 Resp: 42026
Ion Ratio Lower Upper
164 100
162 92.9 81.3 121.9
160 39.3 35.2 52.8

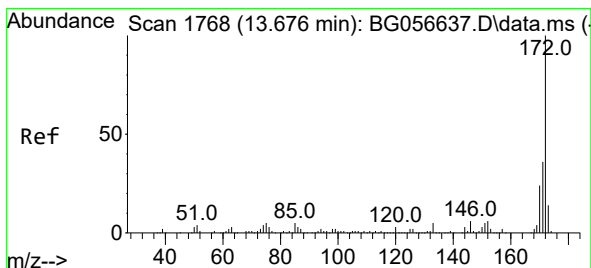
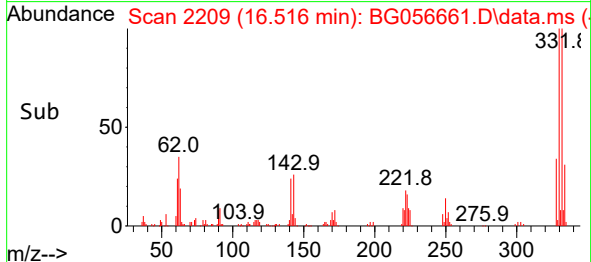
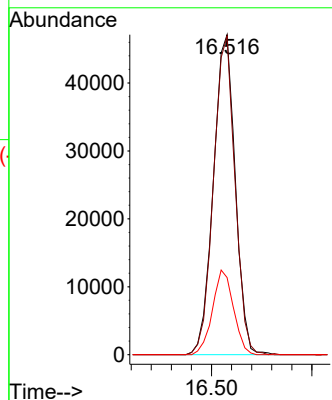
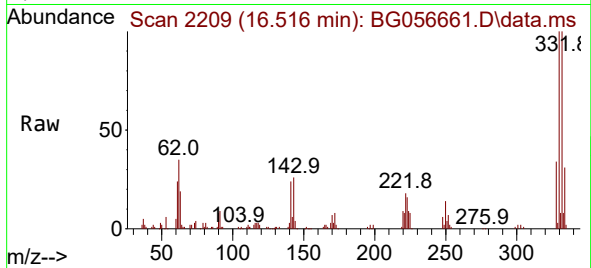




#42
2,4,6-Tribromophenol
Concen: 123.392 ng
RT: 16.516 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

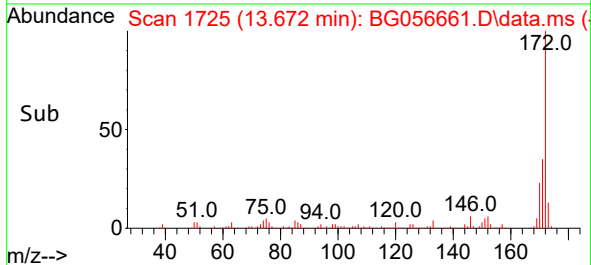
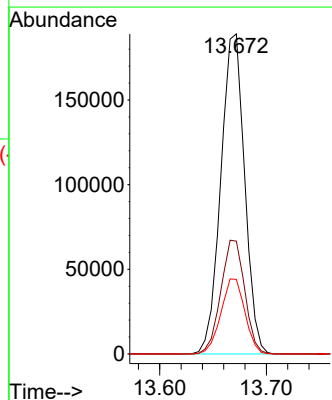
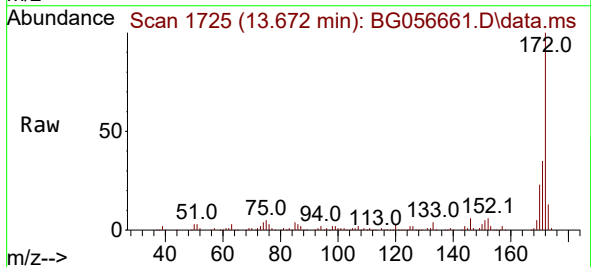
Instrument :
BNA_G
ClientSampleId :
MH-A

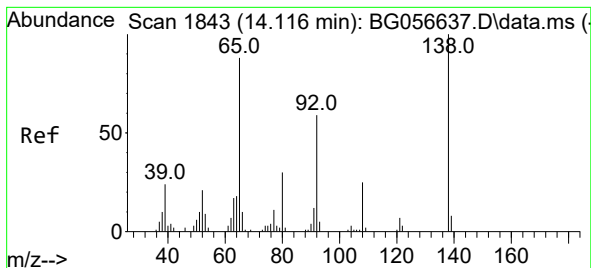
Tgt Ion:330 Resp: 70998
Ion Ratio Lower Upper
330 100
332 97.8 75.7 113.5
141 25.5 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 93.354 ng
RT: 13.672 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion:172 Resp: 292990
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 19.4 29.0





#48

2-Nitroaniline

Concen: 5.796 ng

RT: 13.672 min Scan# 1

Delta R.T. -0.444 min

Lab File: BG056661.D

Acq: 17 Feb 2023 18:28

Instrument :

BNA_G

ClientSampleId :

MH-A

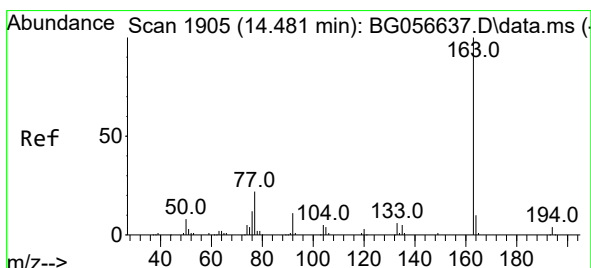
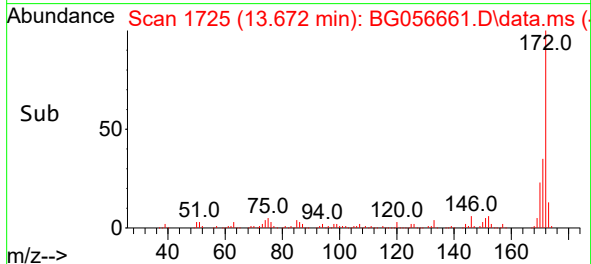
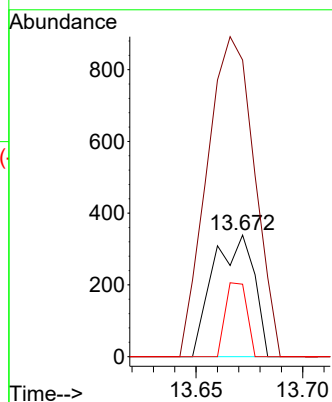
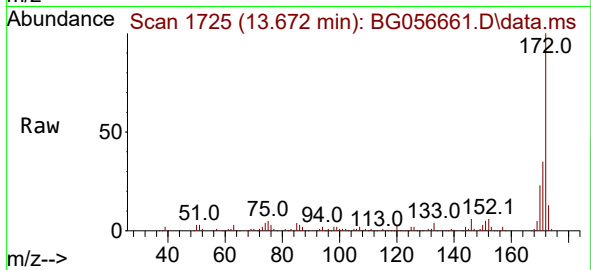
Tgt Ion: 65 Resp: 453

Ion Ratio Lower Upper

65 100

92 244.0 53.8 80.6#

138 59.6 90.6 135.8#



#50

Dimethylphthalate

Concen: 2.303 ng

RT: 14.471 min Scan# 1861

Delta R.T. -0.010 min

Lab File: BG056661.D

Acq: 17 Feb 2023 18:28

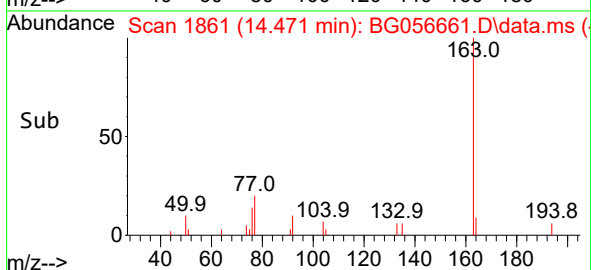
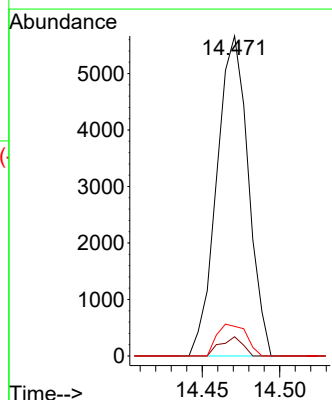
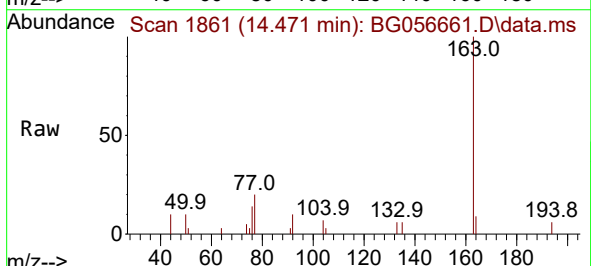
Tgt Ion: 163 Resp: 8001

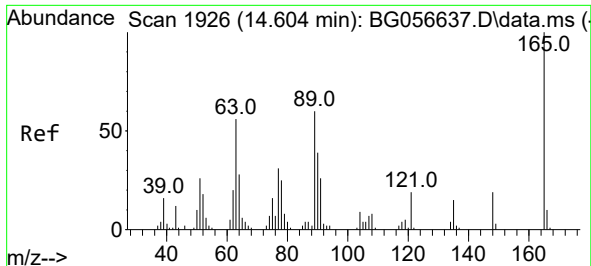
Ion Ratio Lower Upper

163 100

194 6.0 3.2 4.8#

164 9.2 8.2 12.2

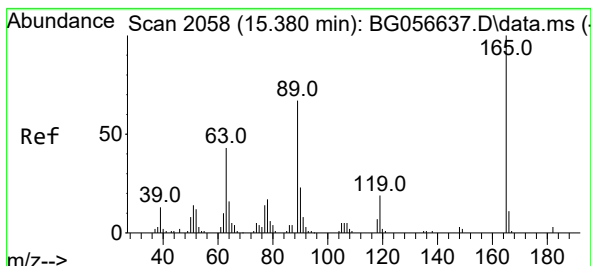
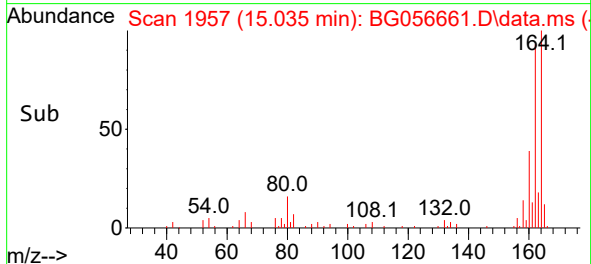
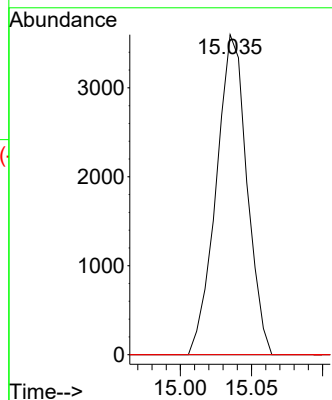
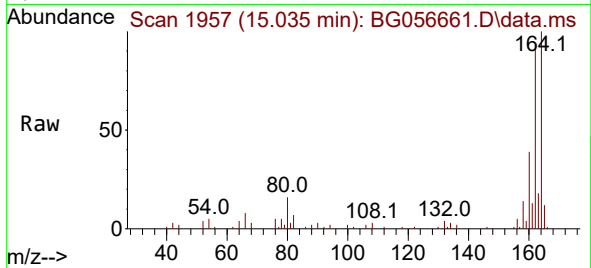




#51
2,6-Dinitrotoluene
Concen: 10.181 ng
RT: 15.035 min Scan# 1957
Delta R.T. 0.431 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

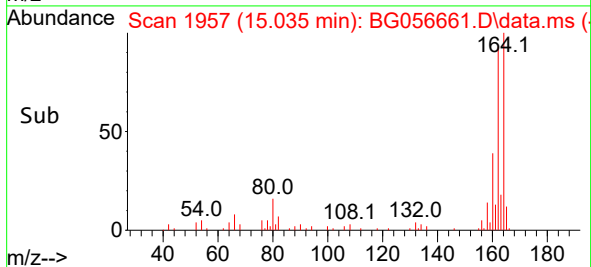
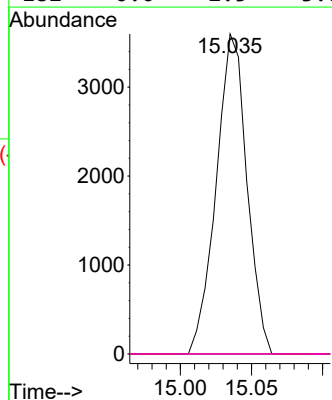
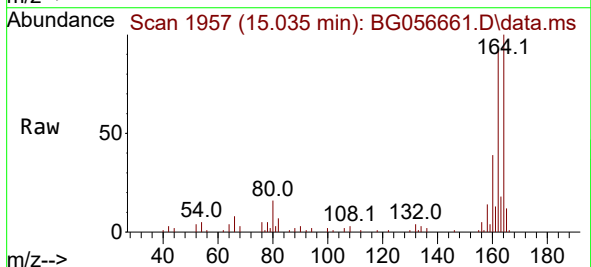
Instrument :
BNA_G
ClientSampleId :
MH-A

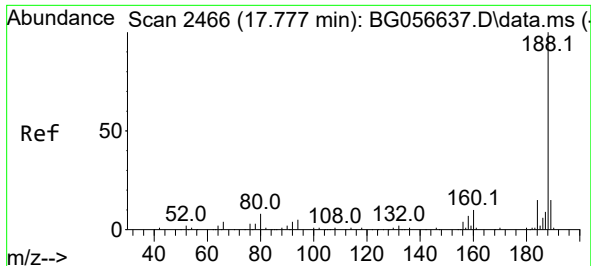
Tgt Ion:165 Resp: 5409
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#



#57
2,4-Dinitrotoluene
Concen: 6.384 ng
RT: 15.035 min Scan# 1957
Delta R.T. -0.345 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion:165 Resp: 5409
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 53.8 80.8#
182 0.0 2.5 3.7#

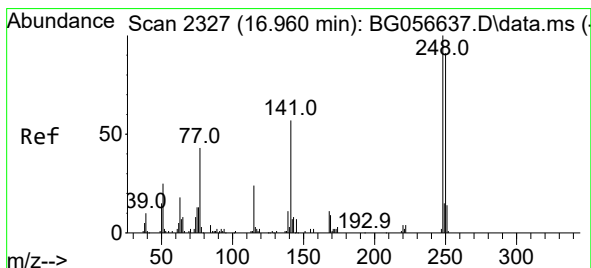
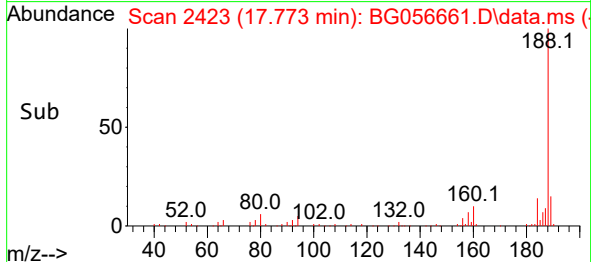
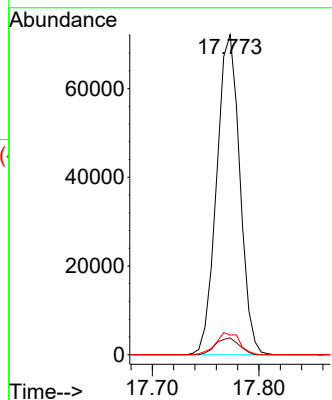
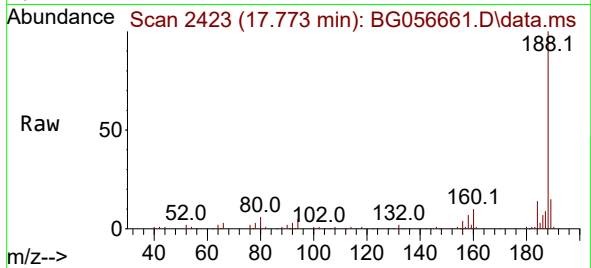




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.773 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

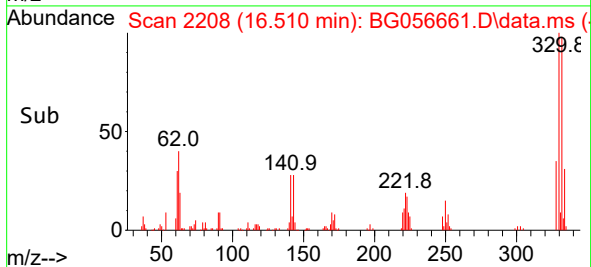
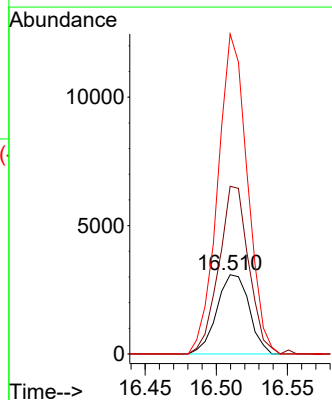
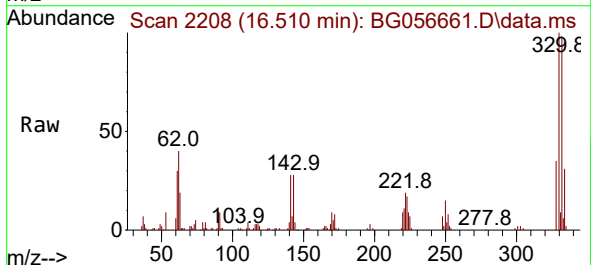
Instrument :
BNA_G
ClientSampleId :
MH-A

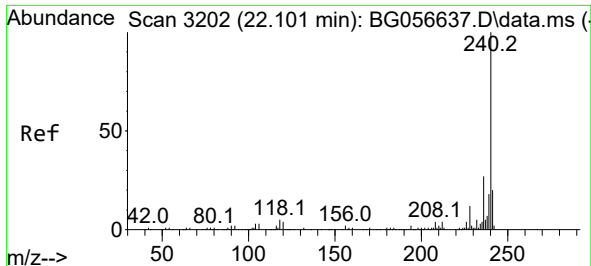
Tgt Ion:188 Resp: 108706
Ion Ratio Lower Upper
188 100
94 5.3 4.0 6.0
80 6.2 6.3 9.5#



#67
4-Bromophenyl-phenylether
Concen: 3.497 ng
RT: 16.510 min Scan# 2208
Delta R.T. -0.450 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion:248 Resp: 4880
Ion Ratio Lower Upper
248 100
250 163.1 73.0 109.6#
141 311.2 45.6 68.4#

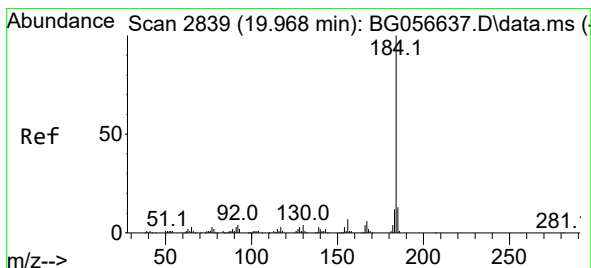
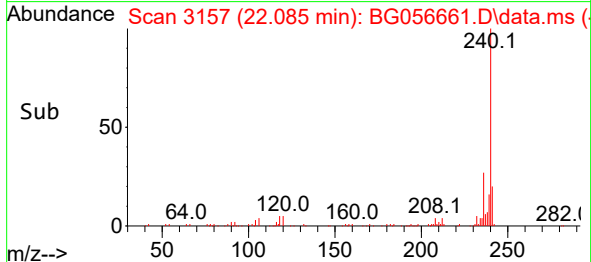
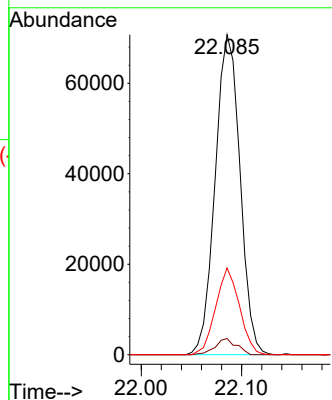
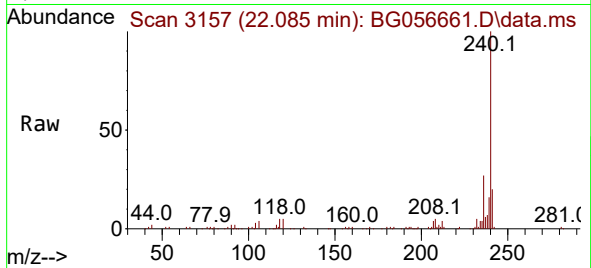




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.085 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

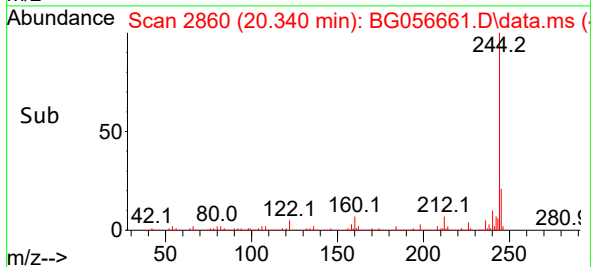
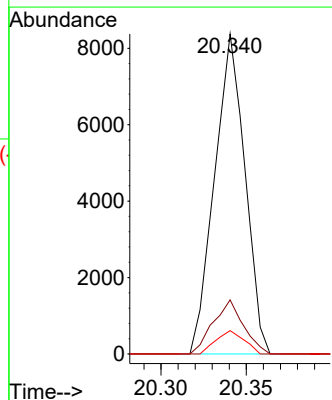
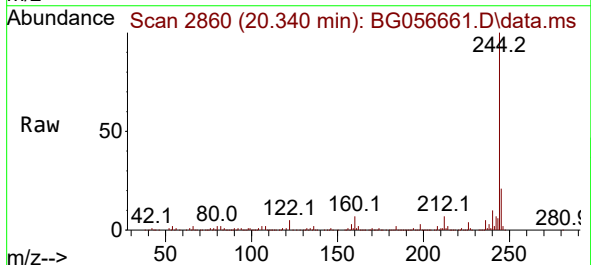
Instrument :
BNA_G
ClientSampleId :
MH-A

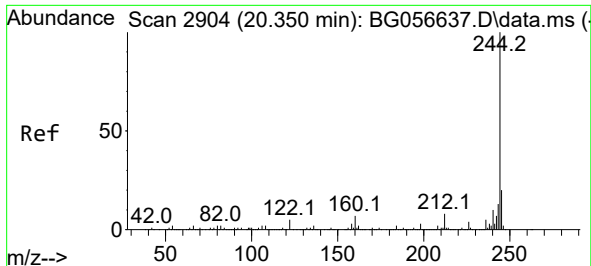
Tgt Ion:240 Resp: 121469
Ion Ratio Lower Upper
240 100
120 5.1 3.5 5.3
236 27.1 21.5 32.3



#77
Benzidine
Concen: 3.567 ng
RT: 20.340 min Scan# 2860
Delta R.T. 0.372 min
Lab File: BG056661.D
Acq: 17 Feb 2023 18:28

Tgt Ion:184 Resp: 10363
Ion Ratio Lower Upper
184 100
185 16.9 10.6 15.8#
183 7.3 9.4 14.0#

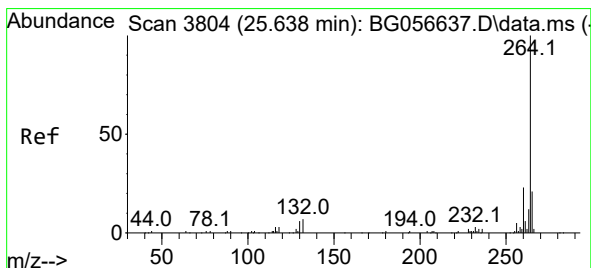
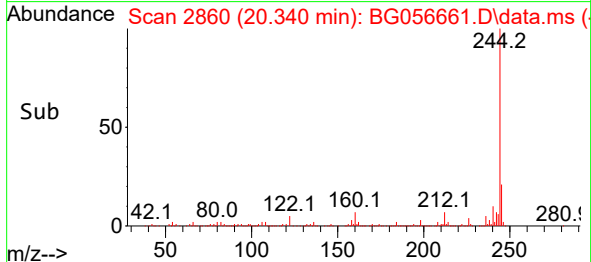
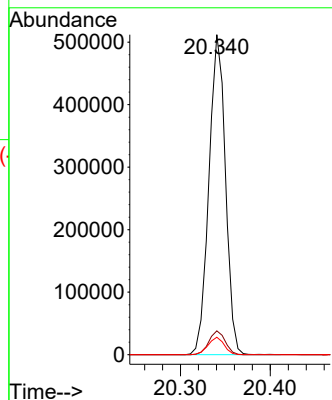
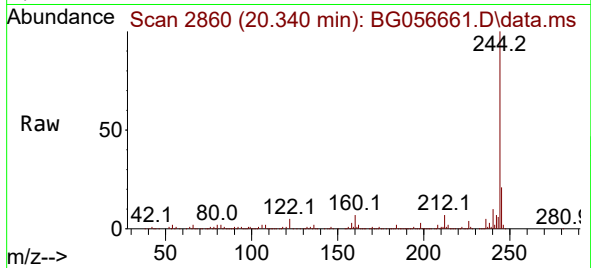




#79
 Terphenyl-d14
 Concen: 88.090 ng
 RT: 20.340 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG056661.D
 Acq: 17 Feb 2023 18:28

Instrument :
 BNA_G
 ClientSampleId :
 MH-A

Tgt Ion:244 Resp: 653998
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 5.5 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.628 min Scan# 3760
 Delta R.T. -0.010 min
 Lab File: BG056661.D
 Acq: 17 Feb 2023 18:28

Tgt Ion:264 Resp: 128369
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 27.8
 265 21.3 17.0 25.4

