

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056660.D
 Acq On : 17 Feb 2023 17:46
 Operator : CG/JU
 Sample : 01581-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-C

Quant Time: Feb 18 00:06:01 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)

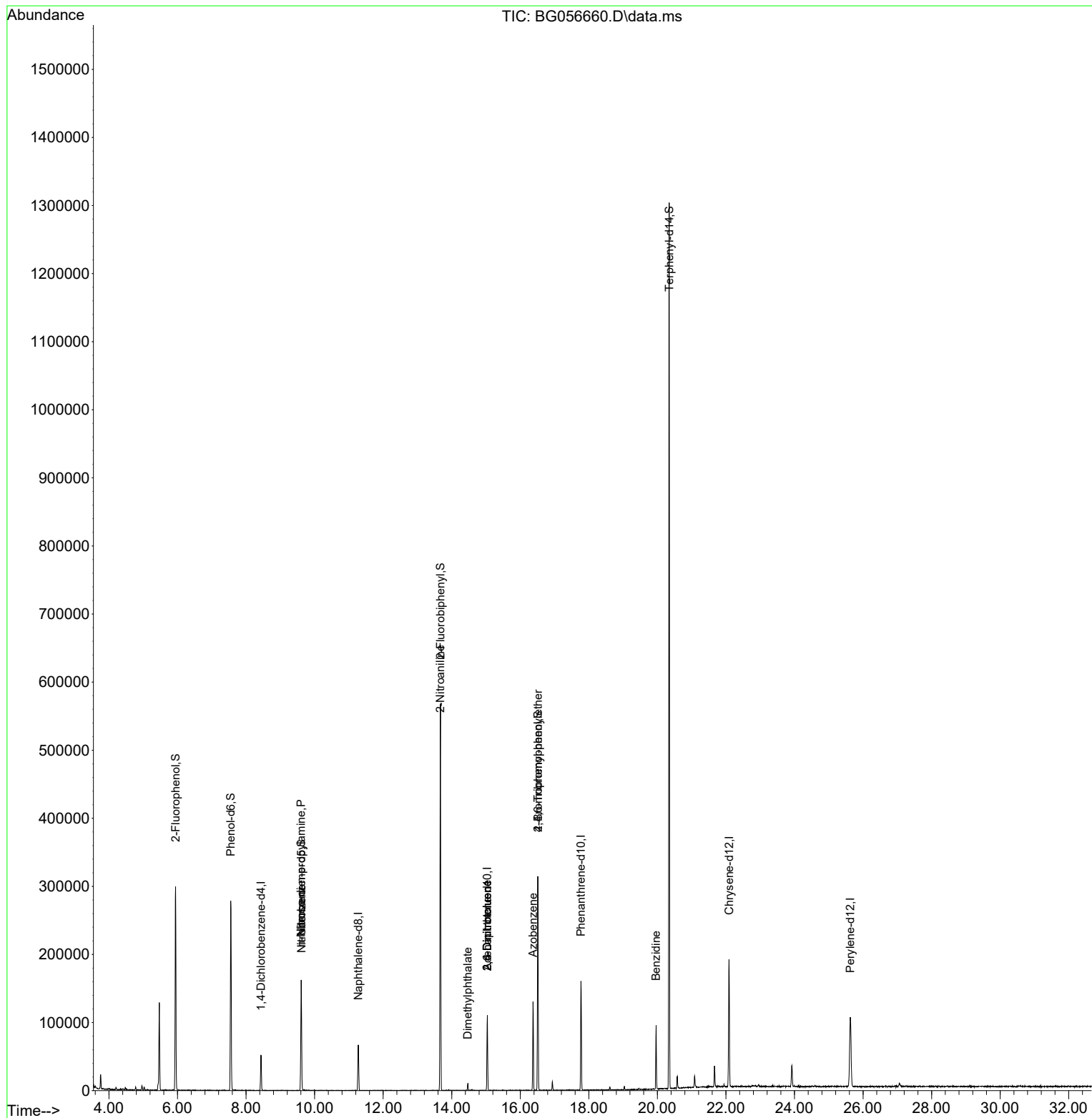
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	14713	20.000	ng	0.00
21) Naphthalene-d8	11.273	136	55720	20.000	ng	# 0.00
39) Acenaphthene-d10	15.039	164	40023	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	106070	20.000	ng	0.00
76) Chrysene-d12	22.089	240	123686	20.000	ng	-0.01
86) Perylene-d12	25.626	264	132975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	125898	139.227	ng	0.00
7) Phenol-d6	7.553	99	159869	119.686	ng	0.00
23) Nitrobenzene-d5	9.610	82	95466	87.724	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	67384	122.972	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	285783	95.615	ng	0.00
79) Terphenyl-d14	20.344	244	683883	90.464	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.604	70	12873	12.873	ng	# 76
24) Nitrobenzene	9.616	77	197	2.835	ng	# 43
48) 2-Nitroaniline	13.664	65	457	5.829	ng	# 1
50) Dimethylphthalate	14.469	163	7714	2.332	ng	# 94
51) 2,6-Dinitrotoluene	15.039	165	5098	10.103	ng	# 21
57) 2,4-Dinitrotoluene	15.039	165	5098	6.318	ng	# 24
63) Azobenzene	16.373	77	40054	11.992	ng	# 1
67) 4-Bromophenyl-phenylether	16.514	248	4847	3.559	ng	# 1
77) Benzidine	19.962	184	56509	19.102	ng	98

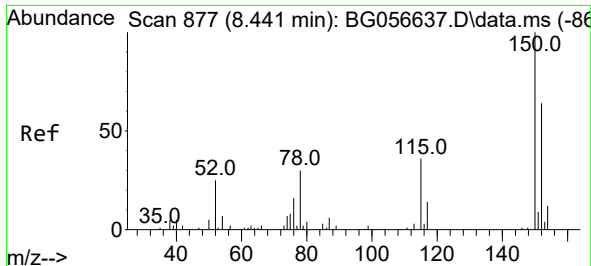
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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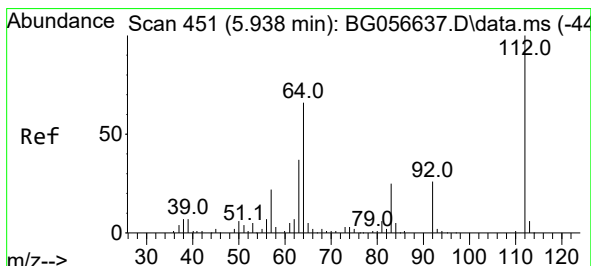
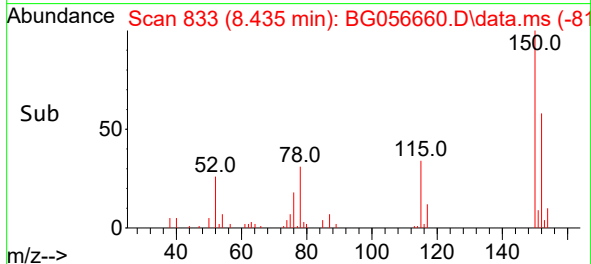
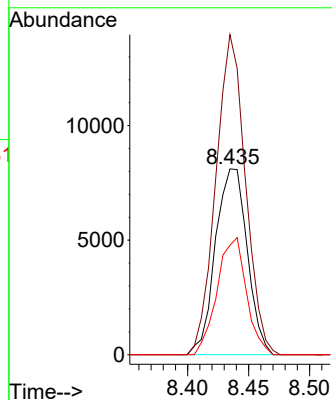
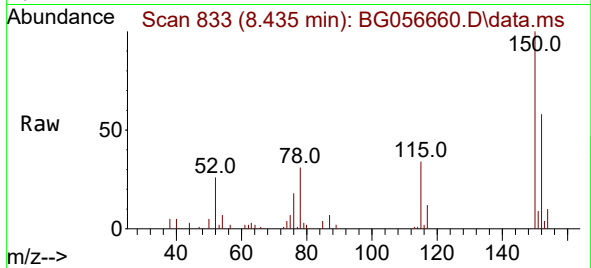




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

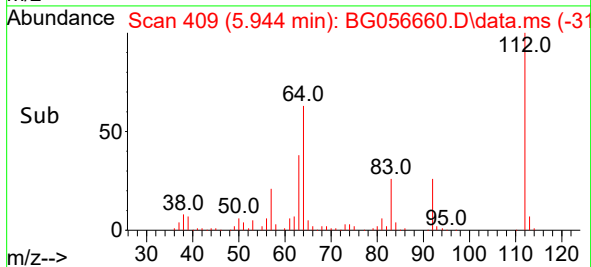
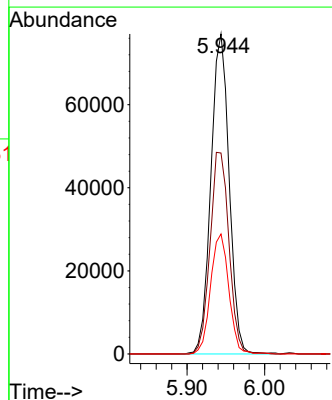
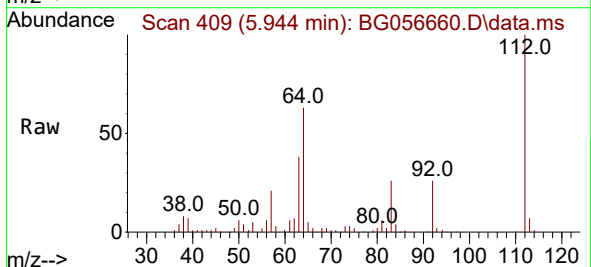
Instrument :
BNA_G
ClientSampleId :
MH-C

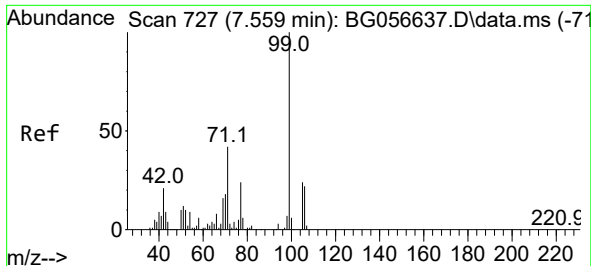
Tgt Ion:152 Resp: 14713
Ion Ratio Lower Upper
152 100
150 172.3 124.8 187.2
115 58.9 44.7 67.1



#5
2-Fluorophenol
Concen: 139.227 ng
RT: 5.944 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion:112 Resp: 125898
Ion Ratio Lower Upper
112 100
64 62.8 52.6 78.8
63 37.5 29.8 44.6

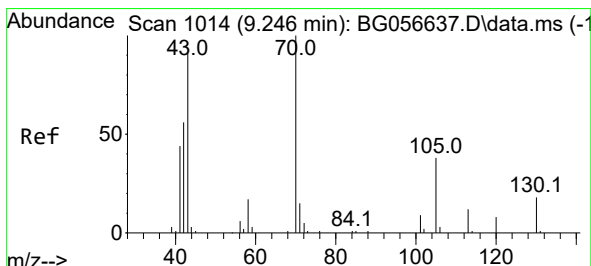
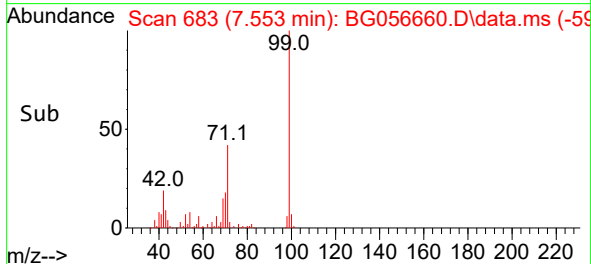
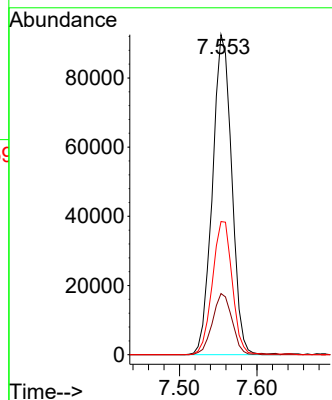
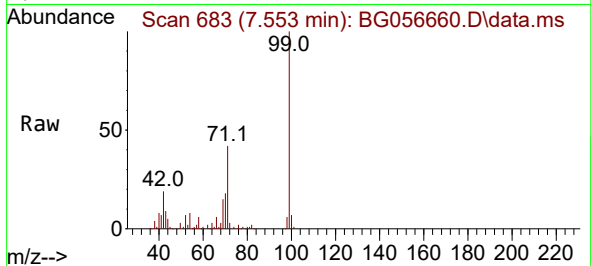




#7
Phenol-d6
Concen: 119.686 ng
RT: 7.553 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

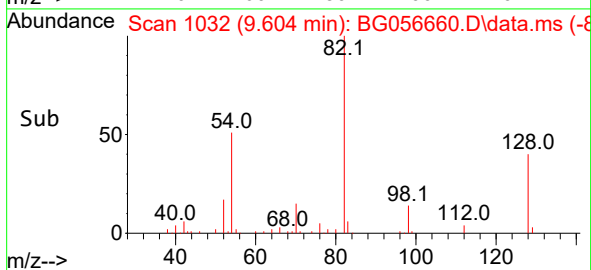
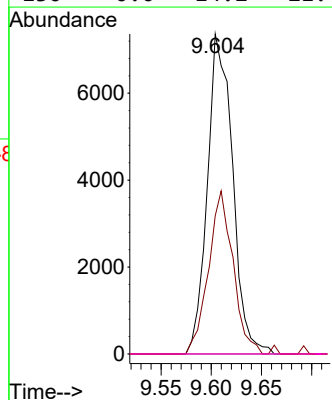
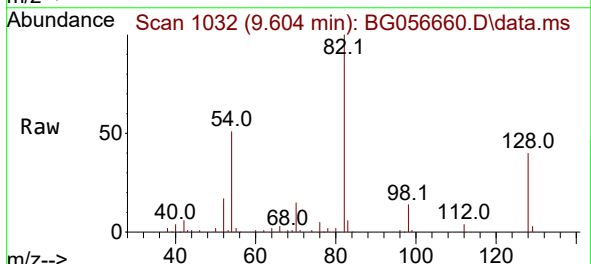
Instrument :
BNA_G
ClientSampleId :
MH-C

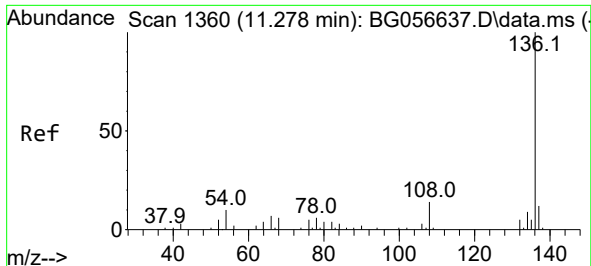
Tgt Ion: 99 Resp: 159869
Ion Ratio Lower Upper
99 100
42 19.1 16.8 25.2
71 41.6 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.873 ng
RT: 9.604 min Scan# 1032
Delta R.T. 0.358 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion: 70 Resp: 12873
Ion Ratio Lower Upper
70 100
42 43.2 45.7 68.5#
101 0.0 7.4 11.0#
130 0.0 14.2 21.4#

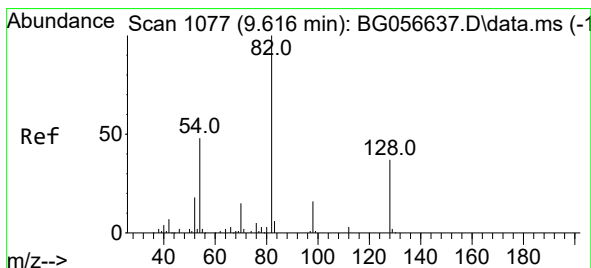
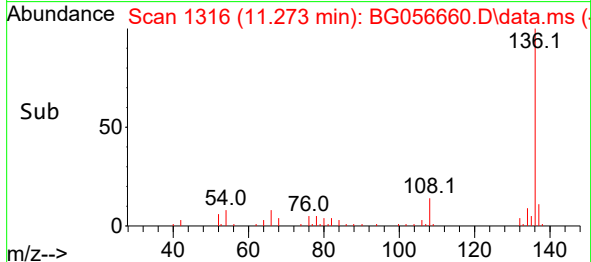
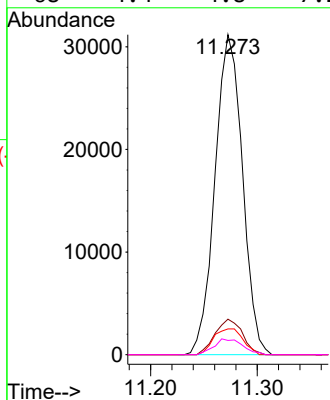
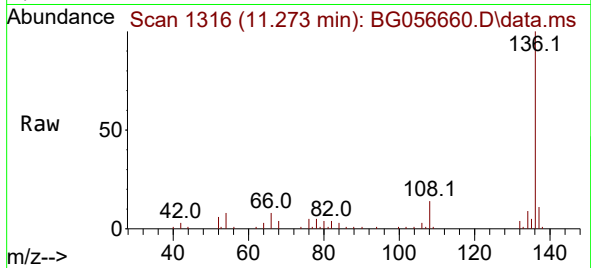




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.273 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

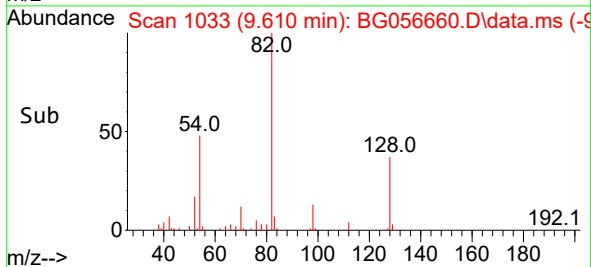
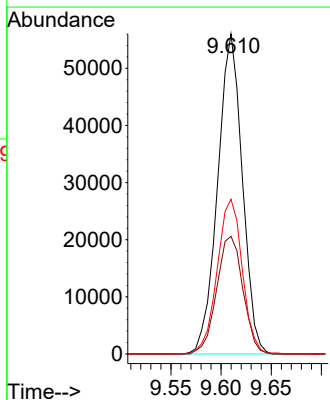
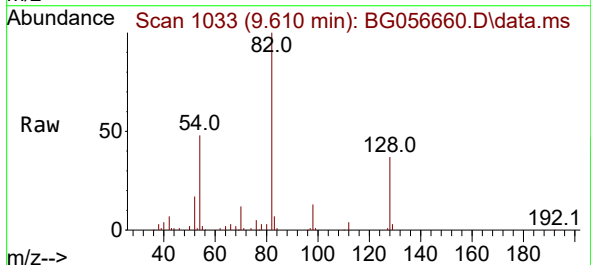
Instrument :
BNA_G
ClientSampleId :
MH-C

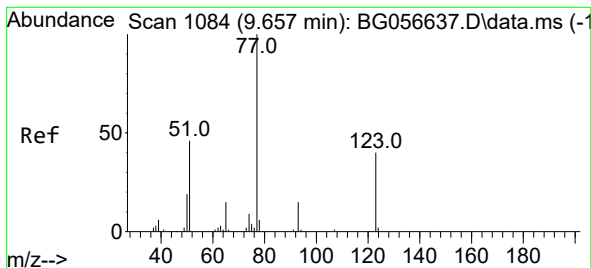
Tgt Ion:136	Resp:	55720
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.7 14.5
54	8.1	7.7 11.5
68	4.4	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 87.724 ng
RT: 9.610 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion: 82	Resp:	95466
Ion Ratio	Lower	Upper
82	100	
128	36.7	29.4 44.2
54	48.3	37.8 56.6





#24

Nitrobenzene

Concen: 2.835 ng

RT: 9.616 min Scan# 10

Delta R.T. -0.041 min

Lab File: BG056660.D

Acq: 17 Feb 2023 17:46

Instrument :

BNA_G

ClientSampleId :

MH-C

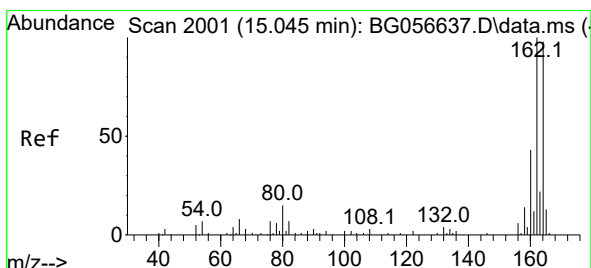
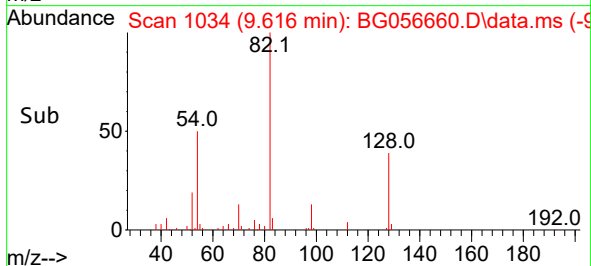
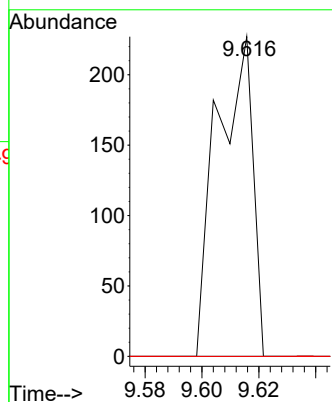
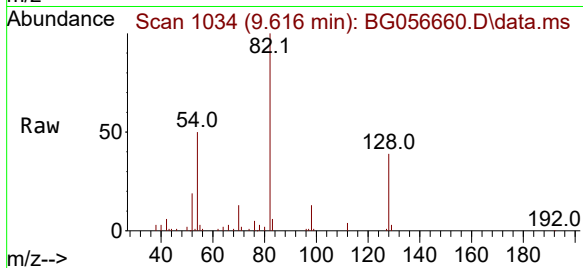
Tgt Ion: 77 Resp: 197

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: 15.039 min Scan# 1957

Delta R.T. -0.006 min

Lab File: BG056660.D

Acq: 17 Feb 2023 17:46

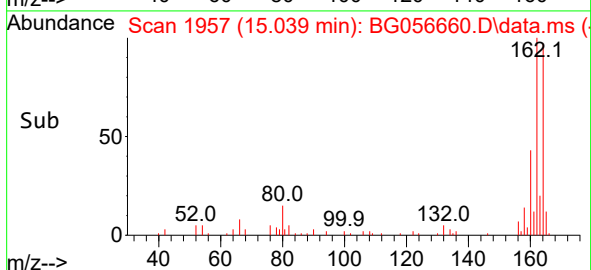
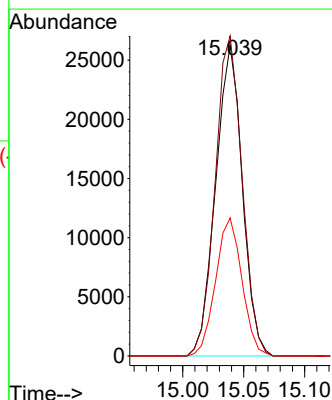
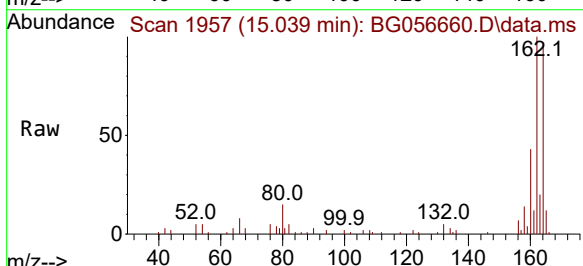
Tgt Ion:164 Resp: 40023

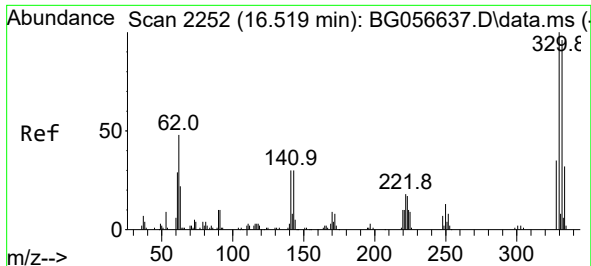
Ion Ratio Lower Upper

164 100

162 103.0 81.3 121.9

160 44.4 35.2 52.8

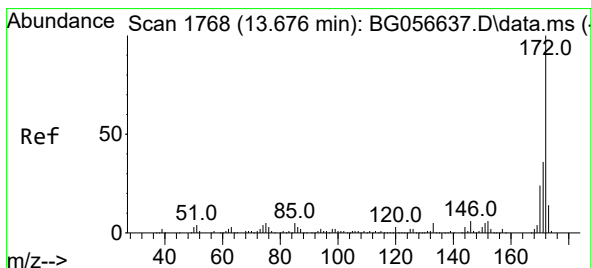
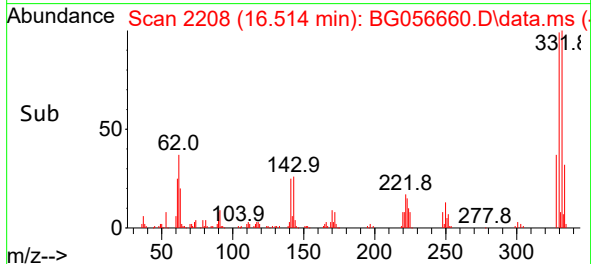
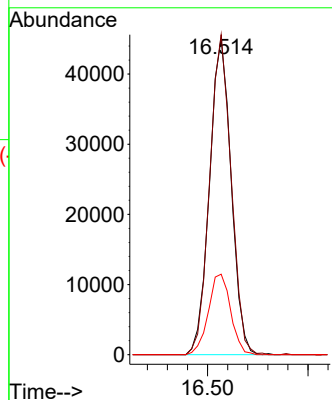
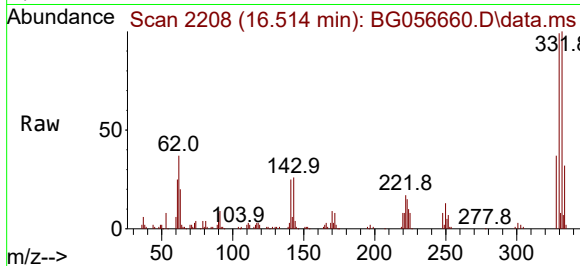




#42
2,4,6-Tribromophenol
Concen: 122.972 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

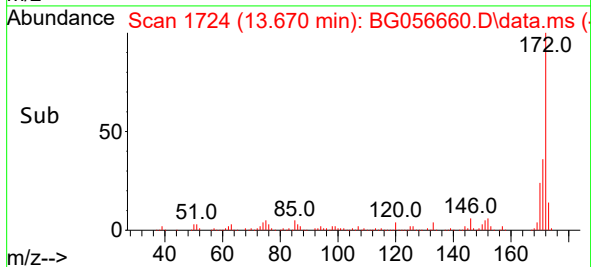
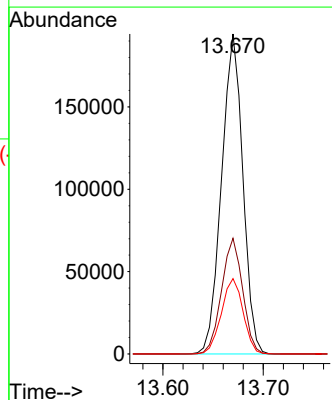
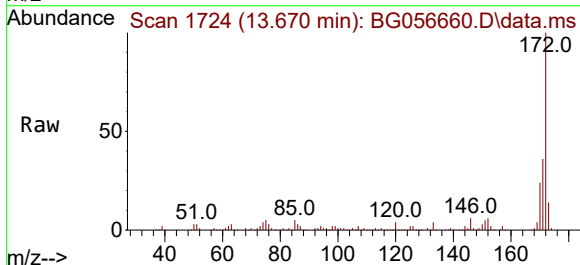
Instrument :
BNA_G
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MH-C

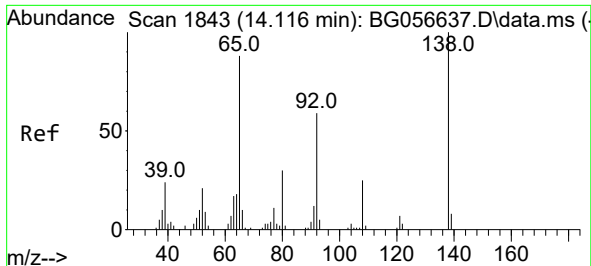
Tgt Ion:330 Resp: 67384
Ion Ratio Lower Upper
330 100
332 100.2 75.7 113.5
141 26.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 95.615 ng
RT: 13.670 min Scan# 1724
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion:172 Resp: 285783
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.5 19.4 29.0

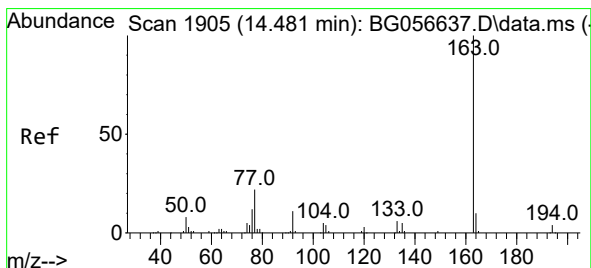
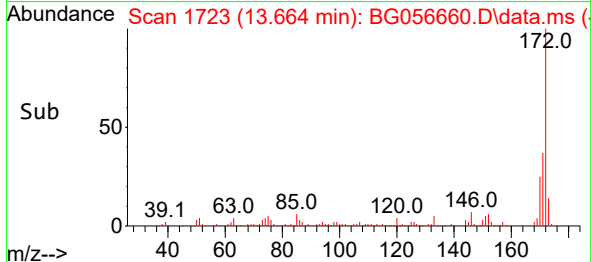
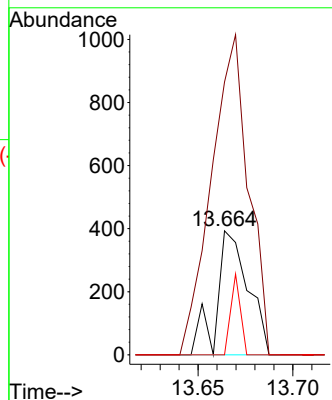
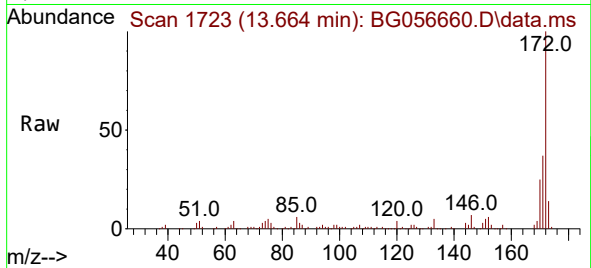




#48
2-Nitroaniline
Concen: 5.829 ng
RT: 13.664 min Scan# 1
Delta R.T. -0.452 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

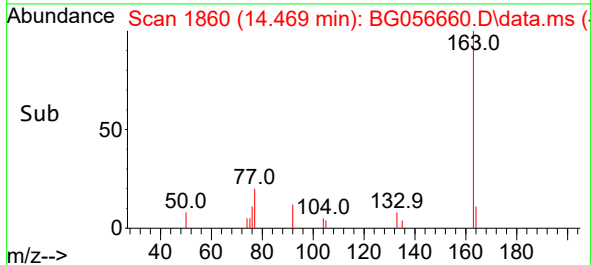
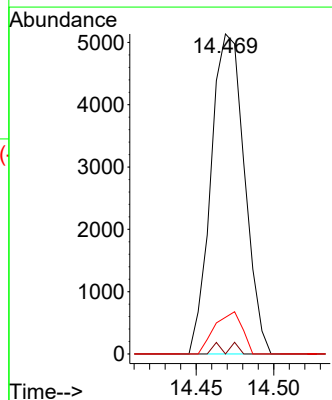
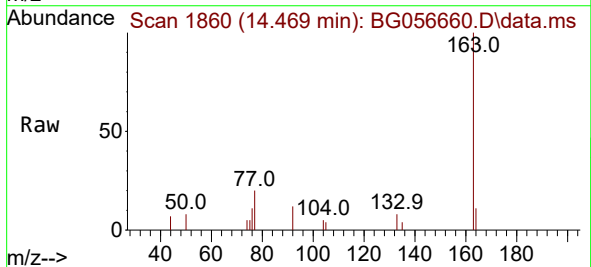
Instrument :
BNA_G
ClientSampleId :
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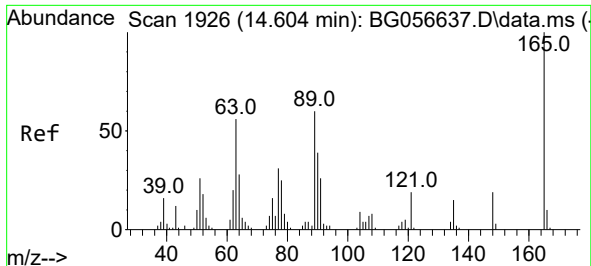
Tgt Ion: 65 Resp: 457
Ion Ratio Lower Upper
65 100
92 220.1 53.8 80.6#
138 0.0 90.6 135.8#



#50
Dimethylphthalate
Concen: 2.332 ng
RT: 14.469 min Scan# 1860
Delta R.T. -0.012 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion: 163 Resp: 7714
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 11.5 8.2 12.2

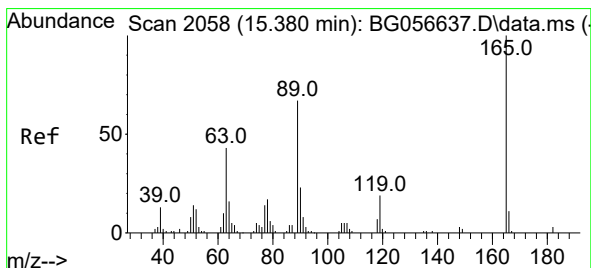
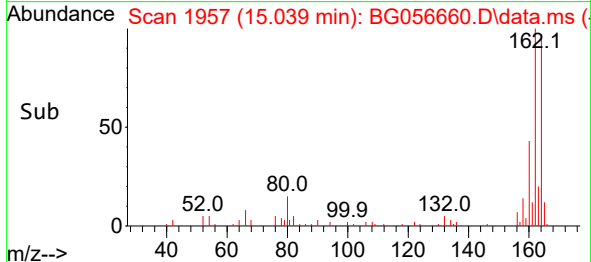
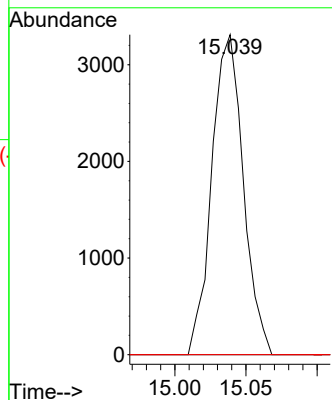
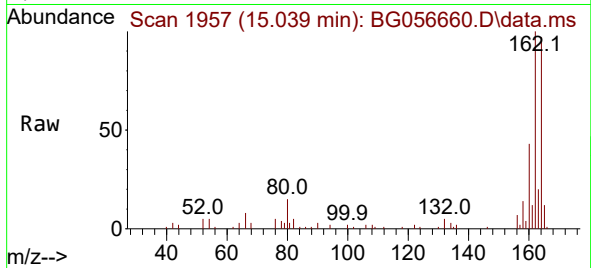




#51
2,6-Dinitrotoluene
Concen: 10.103 ng
RT: 15.039 min Scan# 1957
Delta R.T. 0.435 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

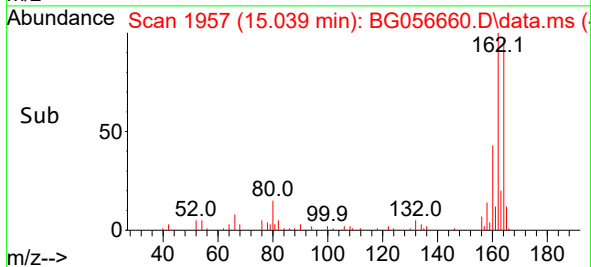
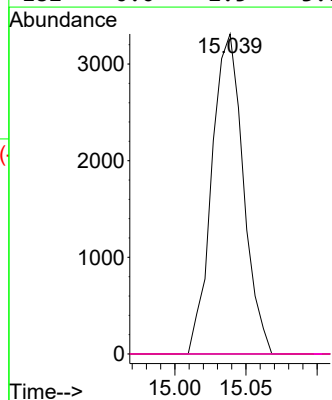
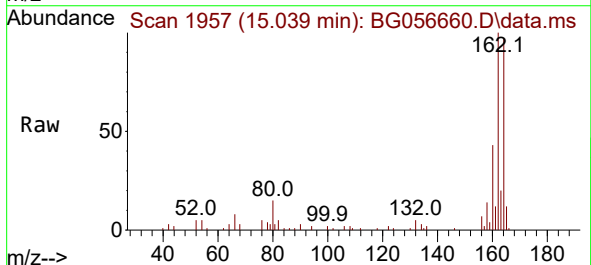
Instrument :
BNA_G
ClientSampleId :
MH-C

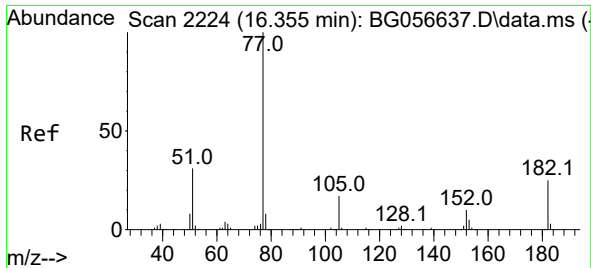
Tgt Ion:165 Resp: 5098
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#



#57
2,4-Dinitrotoluene
Concen: 6.318 ng
RT: 15.039 min Scan# 1957
Delta R.T. -0.341 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion:165 Resp: 5098
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#

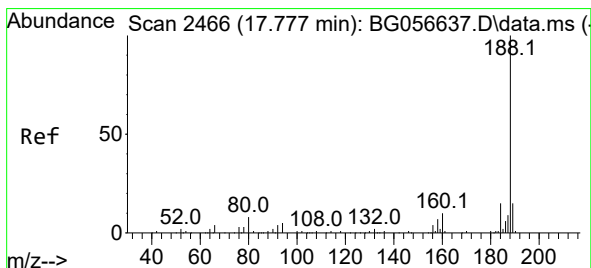
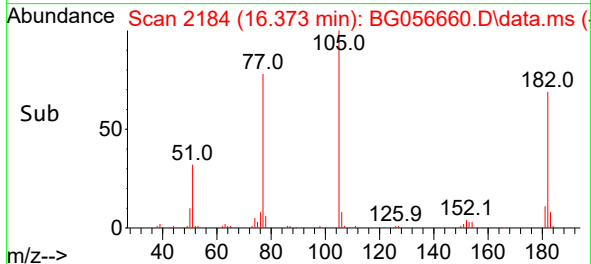
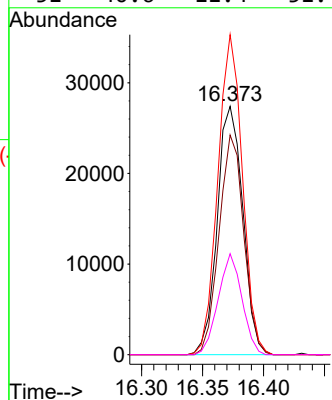
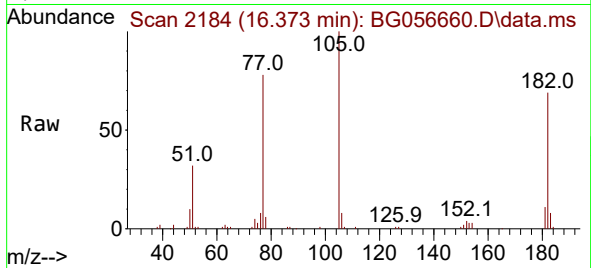




#63
Azobenzene
Concen: 11.992 ng
RT: 16.373 min Scan# 2118
Delta R.T. 0.018 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

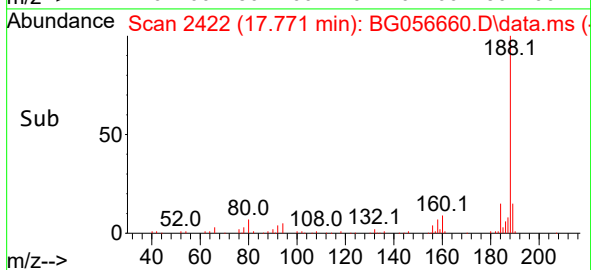
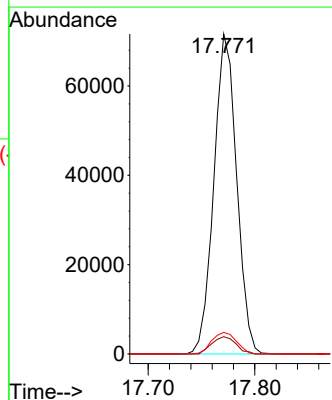
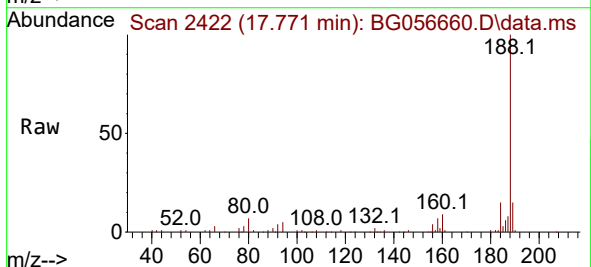
Instrument :
BNA_G
ClientSampleId :
MH-C

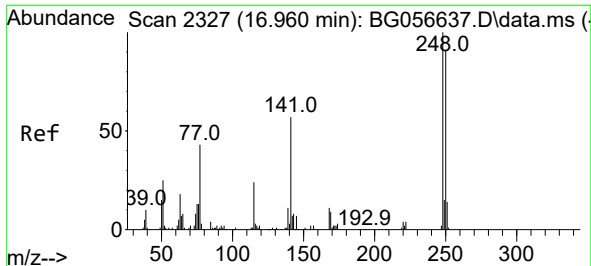
Tgt Ion: 77	Resp: 40054
Ion Ratio	Lower Upper
77 100	
182 88.5	5.2 45.2#
105 128.8	0.0 37.3#
51 40.6	11.4 51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion: 188	Resp: 106070
Ion Ratio	Lower Upper
188 100	
94 5.4	4.0 6.0
80 6.8	6.3 9.5

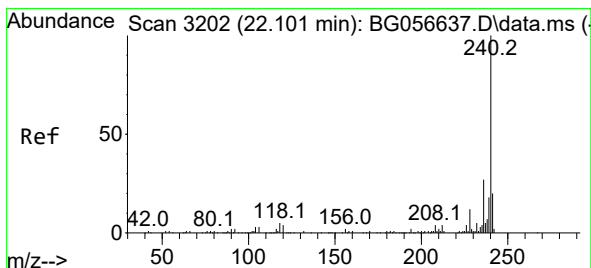
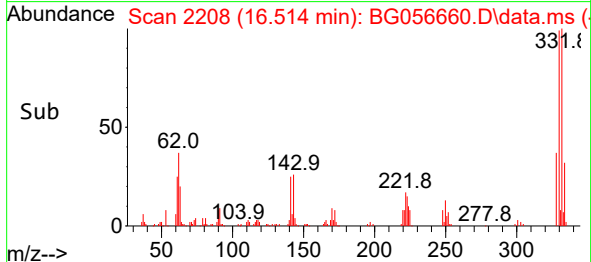
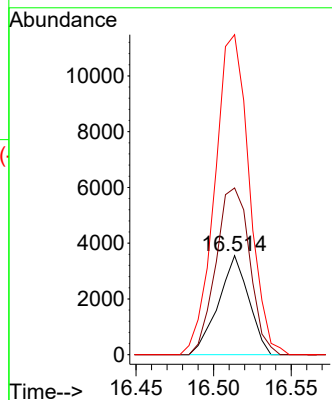
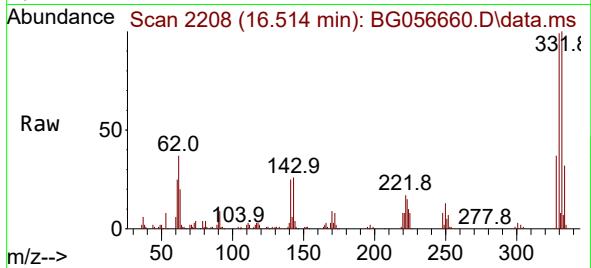




#67
4-Bromophenyl-phenylether
Concen: 3.559 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

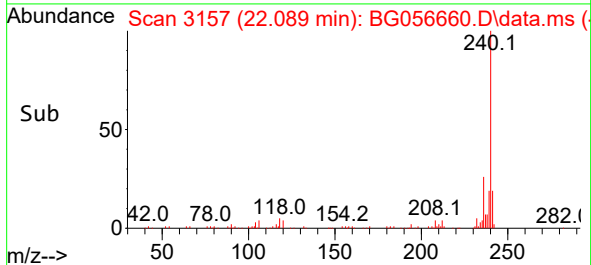
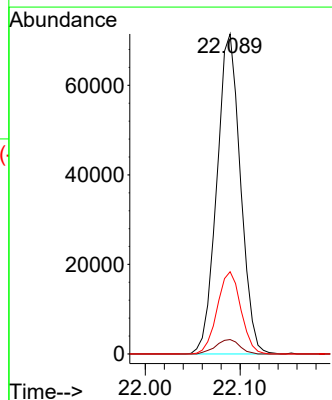
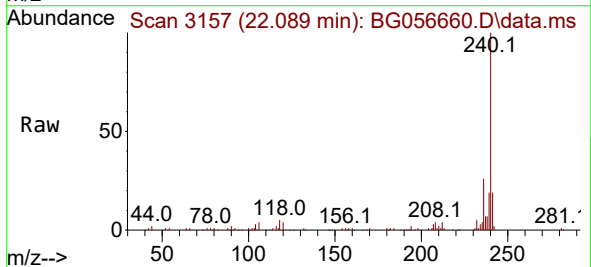
Instrument :
BNA_G
ClientSampleId :
MH-C

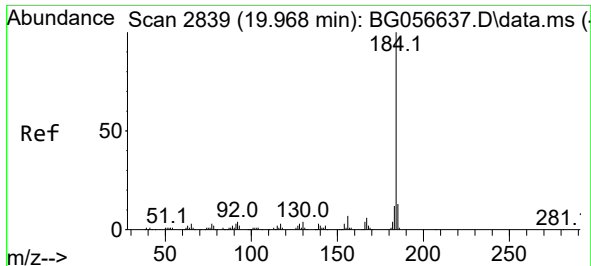
Tgt Ion:248 Resp: 4847
Ion Ratio Lower Upper
248 100
250 168.4 73.0 109.6#
141 323.3 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

Tgt Ion:240 Resp: 123686
Ion Ratio Lower Upper
240 100
120 4.5 3.5 5.3
236 25.7 21.5 32.3

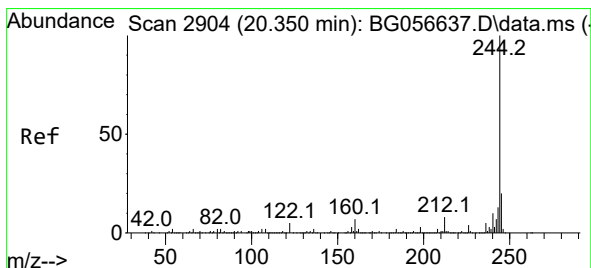
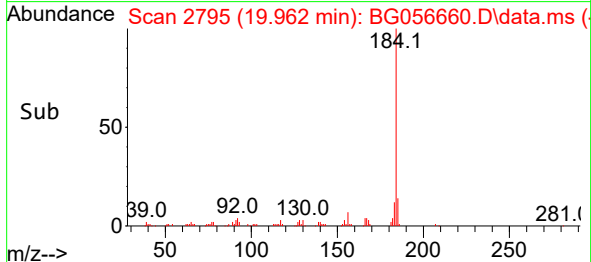
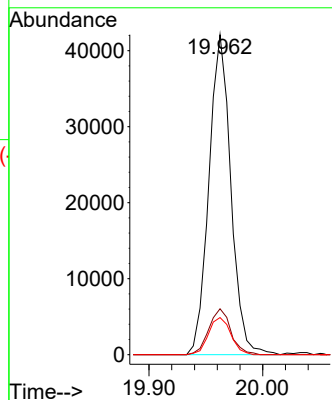
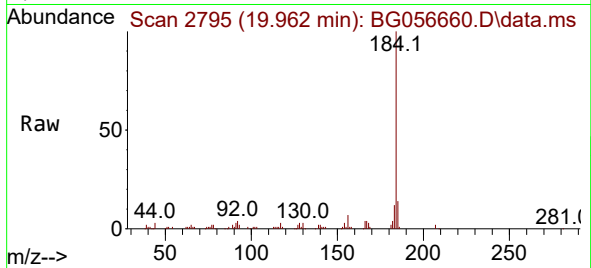




#77
Benzidine
Concen: 19.102 ng
RT: 19.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

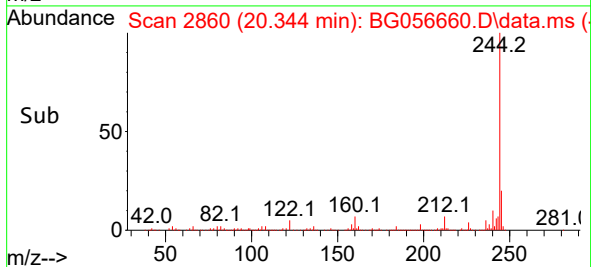
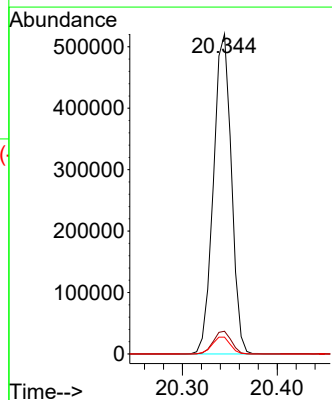
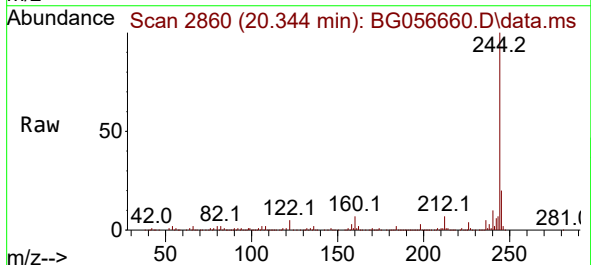
Instrument :
BNA_G
ClientSampleId :
MH-C

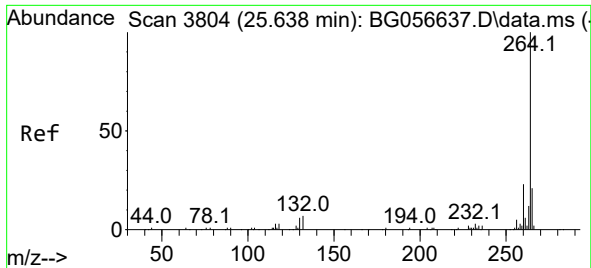
Tgt Ion:184 Resp: 56509
Ion Ratio Lower Upper
184 100
185 14.4 10.6 15.8
183 11.6 9.4 14.0



#79
Terphenyl-d14
Concen: 90.464 ng
RT: 20.344 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG056660.D
Acq: 17 Feb 2023 17:46

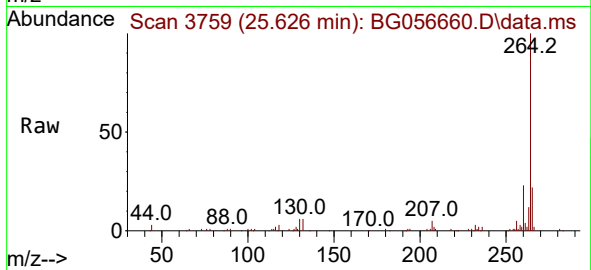
Tgt Ion:244 Resp: 683883
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 5.3 3.8 5.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.626 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG056660.D
 Acq: 17 Feb 2023 17:46

Instrument :
 BNA_G
 ClientSampleId :
 MH-C



Tgt Ion:264 Resp: 132975
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.7 17.0 25.4

