

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056312.D
 Acq On : 17 Jan 2023 12:57
 Operator : CG/JU
 Sample : 01140-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

Quant Time: Jan 17 15:06:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

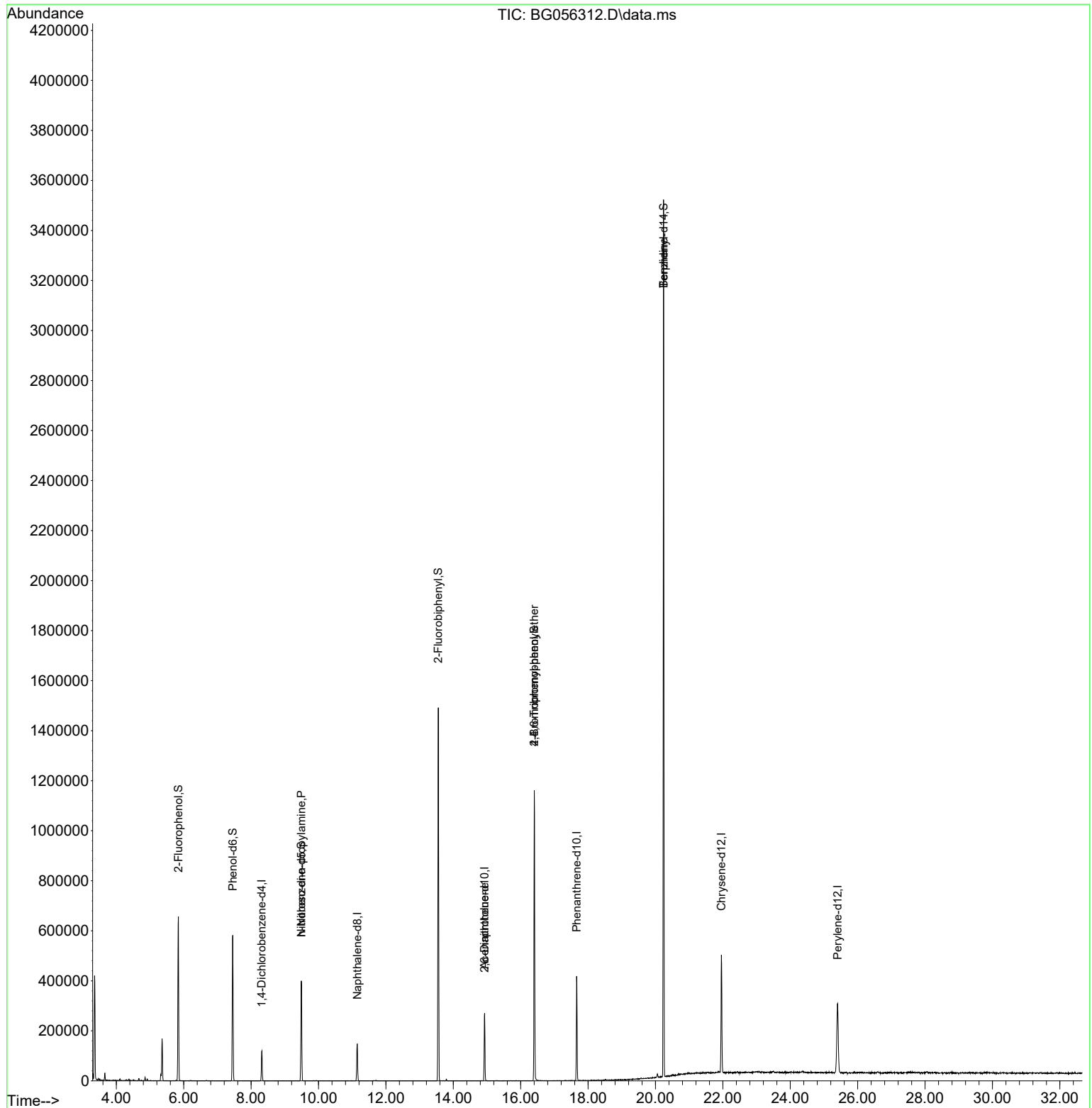
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.312	152	39925	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	141262	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	106172	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	288664	20.000	ng	0.00
76) Chrysene-d12	21.955	240	323379	20.000	ng	# 0.00
86) Perylene-d12	25.404	264	353121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	366104	163.726	ng	0.01
7) Phenol-d6	7.454	99	458281	133.455	ng	0.00
23) Nitrobenzene-d5	9.487	82	291276	105.472	ng	0.00
42) 2,4,6-Tribromophenol	16.403	330	238712	177.527	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	856227	111.363	ng	0.00
79) Terphenyl-d14	20.239	244	1912842	105.944	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.487	70	35741	17.116	ng	# 74
51) 2,6-Dinitrotoluene	14.922	165	14046	7.691	ng	# 32
67) 4-Bromophenyl-phenylether	16.403	248	20619	5.609	ng	# 1
77) Benzidine	20.239	184	27582	2.434	ng	# 96

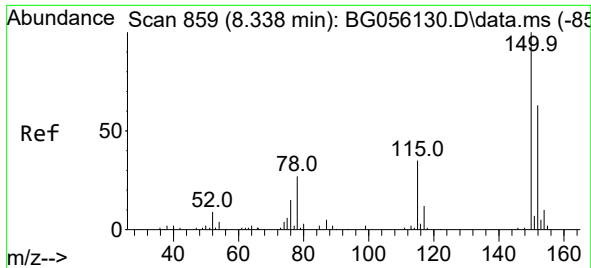
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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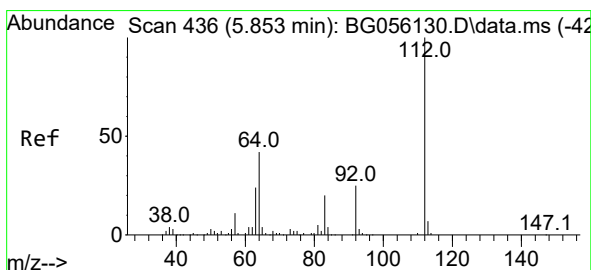
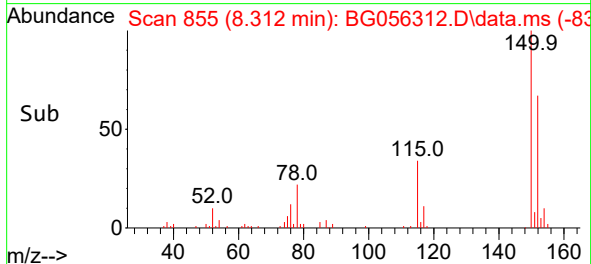
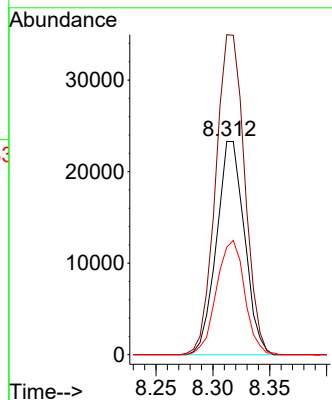
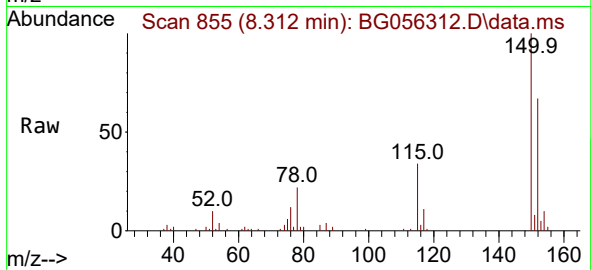




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.312 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

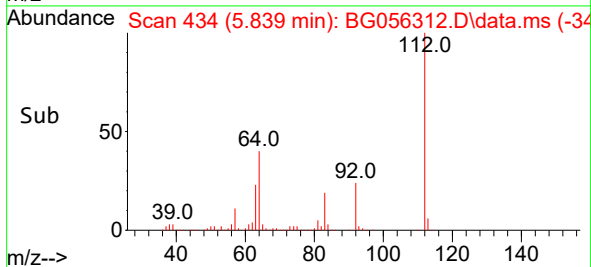
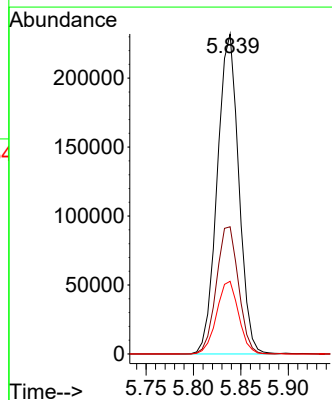
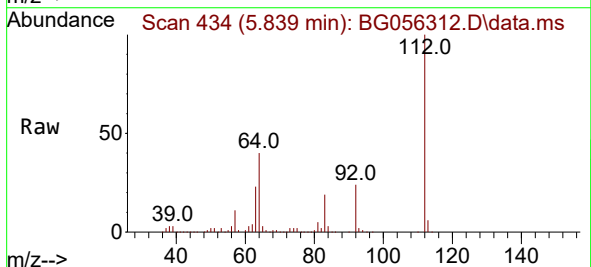
Instrument :
BNA_G
ClientSampleId :
MH-5

Tgt Ion:152 Resp: 39925
Ion Ratio Lower Upper
152 100
150 150.0 127.9 191.9
115 50.4 44.2 66.2



#5
2-Fluorophenol
Concen: 163.726 ng
RT: 5.839 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:112 Resp: 366104
Ion Ratio Lower Upper
112 100
64 39.8 33.3 49.9
63 22.7 19.0 28.4

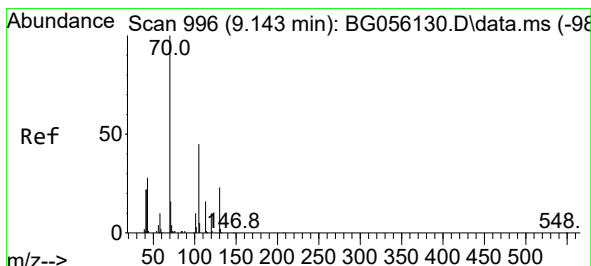
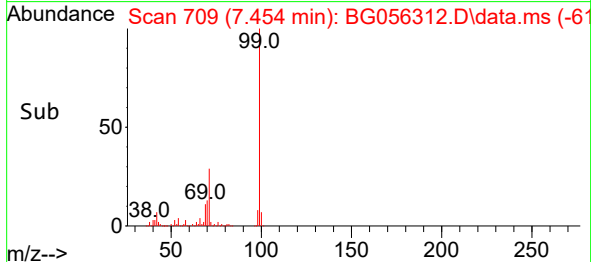
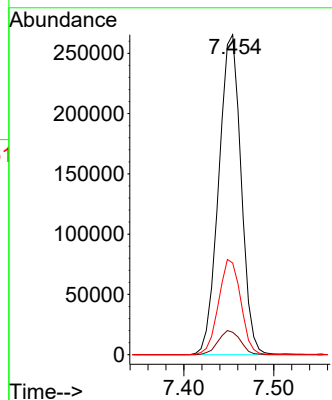
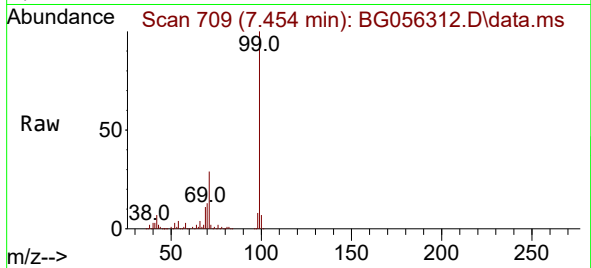




#7
Phenol-d6
Concen: 133.455 ng
RT: 7.454 min Scan# 711
Delta R.T. 0.007 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

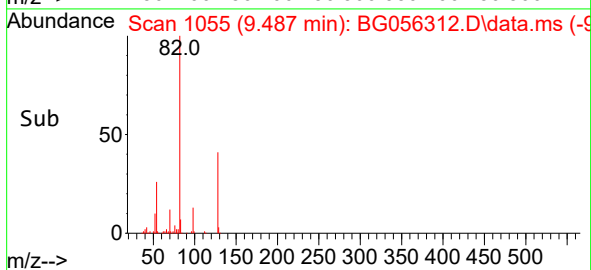
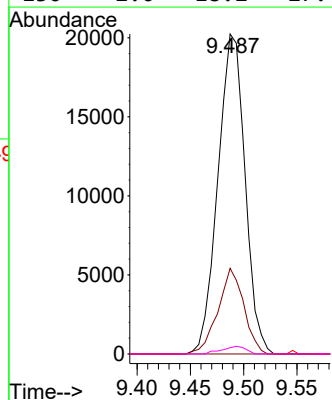
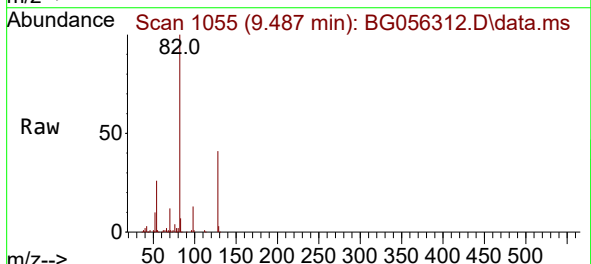
Instrument :
BNA_G
ClientSampleId :
MH-5

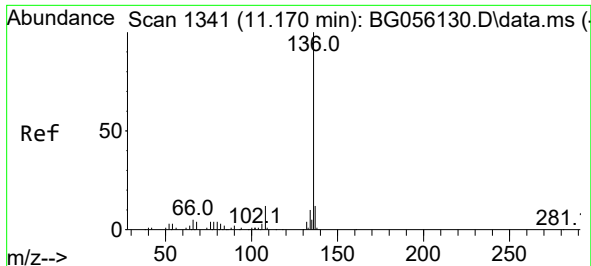
Tgt Ion: 99 Resp: 458281
Ion Ratio Lower Upper
99 100
42 7.0 5.9 8.9
71 28.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.116 ng
RT: 9.487 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion: 70 Resp: 35741
Ion Ratio Lower Upper
70 100
42 26.7 18.2 27.2
101 0.0 8.3 12.5#
130 2.0 18.2 27.4#

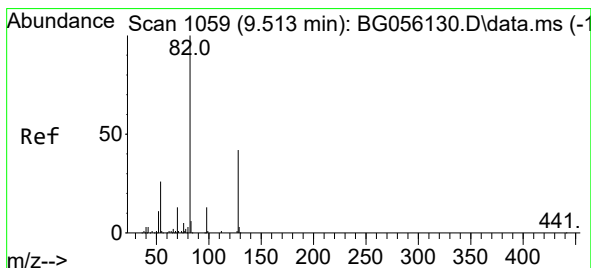
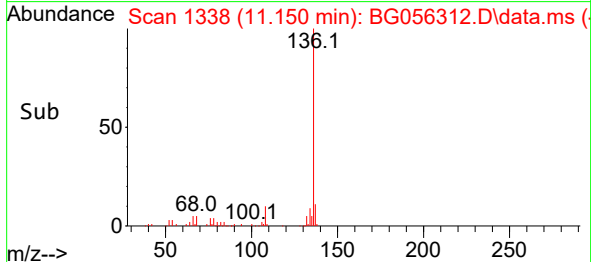
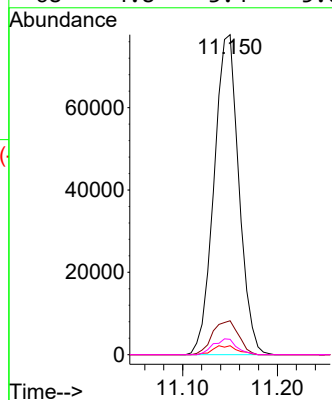
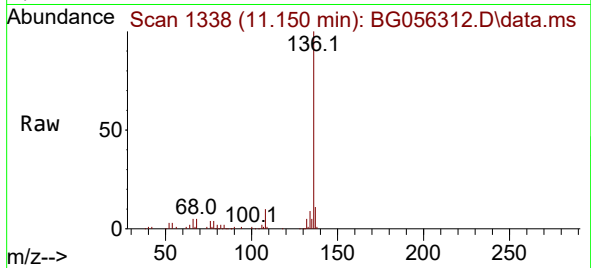




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

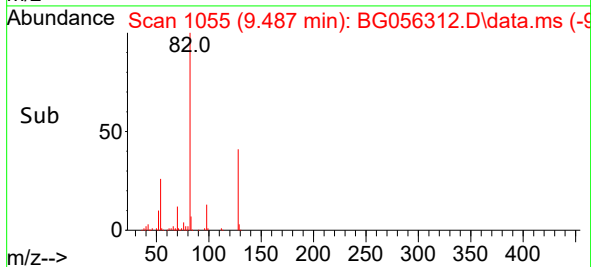
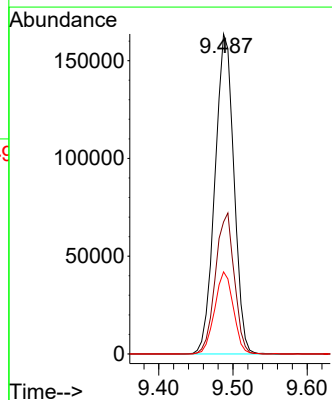
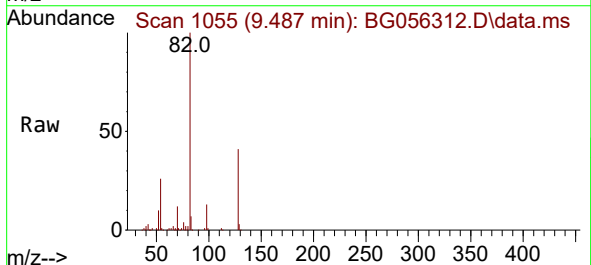
Instrument :
BNA_G
ClientSampleId :
MH-5

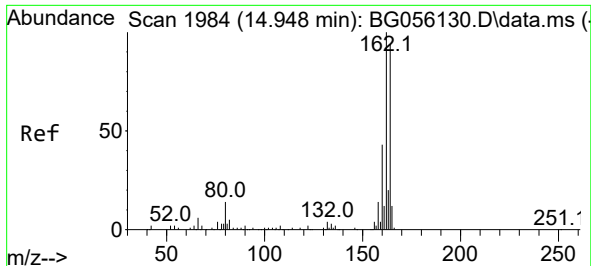
Tgt Ion:	136	Resp:	141262
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.4	14.0
54	2.8	2.2	3.2
68	4.8	3.4	5.0



#23
Nitrobenzene-d5
Concen: 105.472 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:	82	Resp:	291276
Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.4	50.2
54	25.6	20.3	30.5

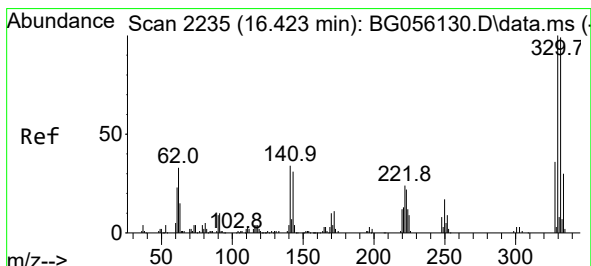
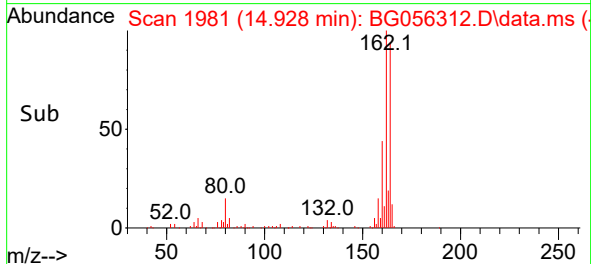
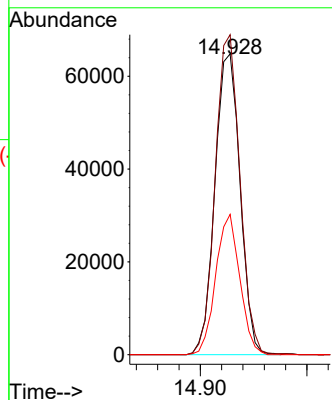
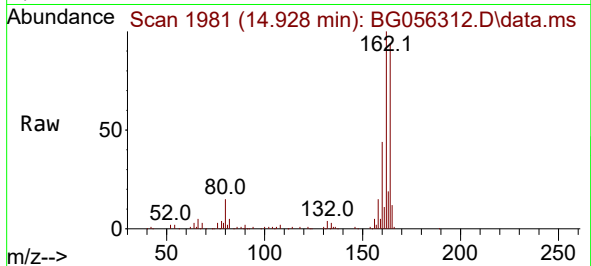




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

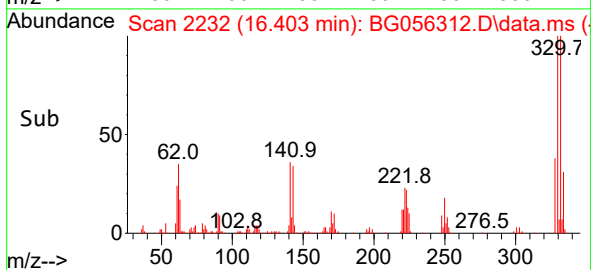
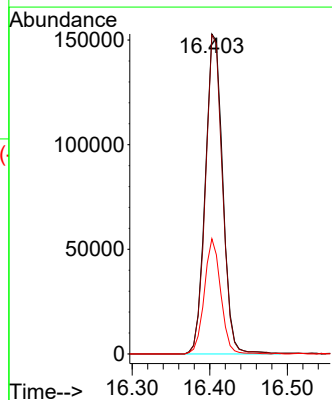
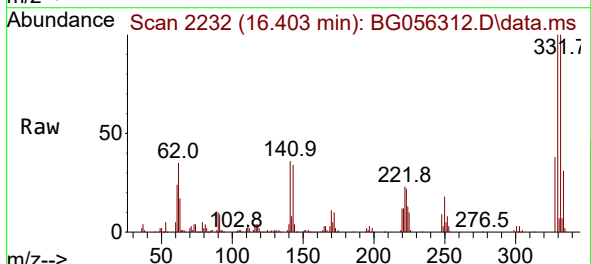
Instrument :
BNA_G
ClientSampleId :
MH-5

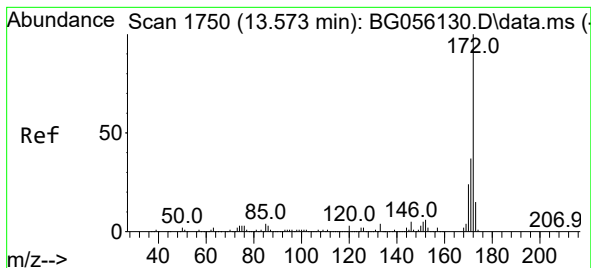
Tgt Ion:164 Resp: 106172
Ion Ratio Lower Upper
164 100
162 106.4 84.7 127.1
160 46.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 177.527 ng
RT: 16.403 min Scan# 2232
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:330 Resp: 238712
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 33.8 27.9 41.9

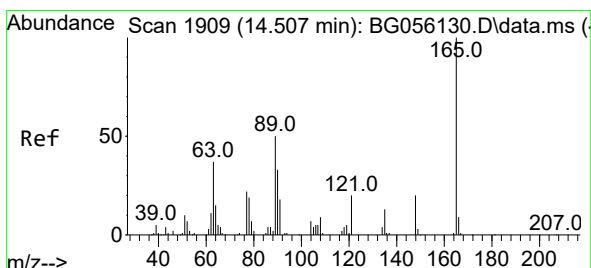
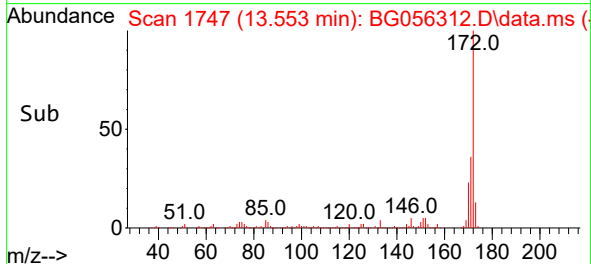
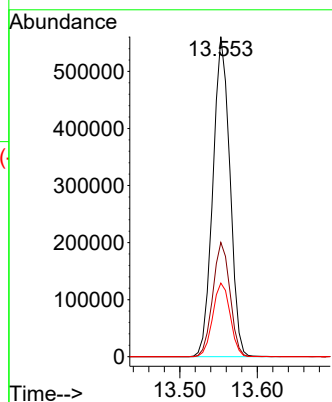
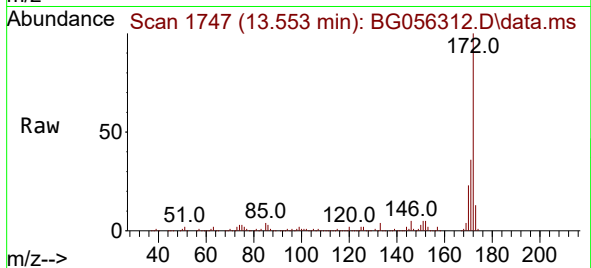




#45
2-Fluorobiphenyl
Concen: 111.363 ng
RT: 13.553 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

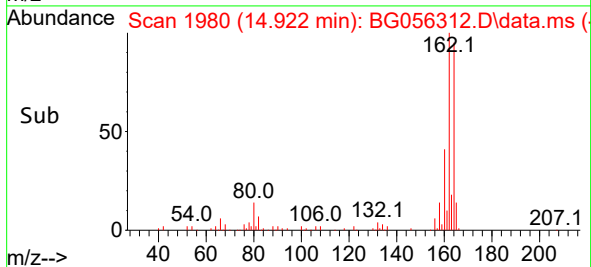
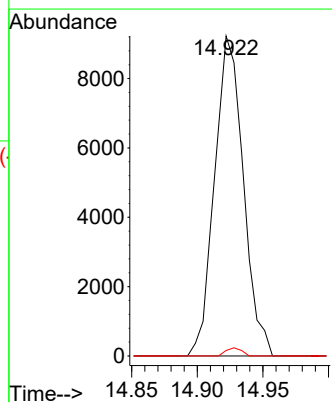
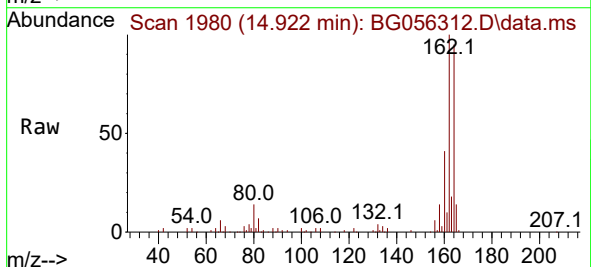
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ClientSampleId :
MH-5

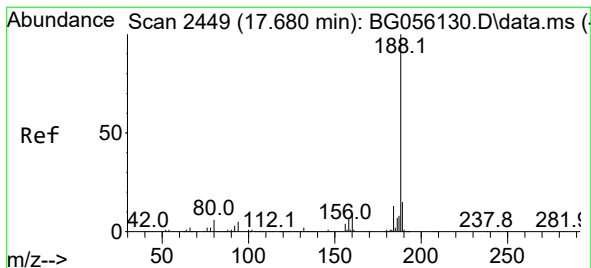
Tgt Ion:172 Resp: 856227
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.691 ng
RT: 14.922 min Scan# 1980
Delta R.T. 0.430 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:165 Resp: 14046
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.7 39.8 59.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.660 min Scan# 2449

Delta R.T. -0.005 min

Lab File: BG056312.D

Acq: 17 Jan 2023 12:57

Instrument :

BNA_G

ClientSampleId :

MH-5

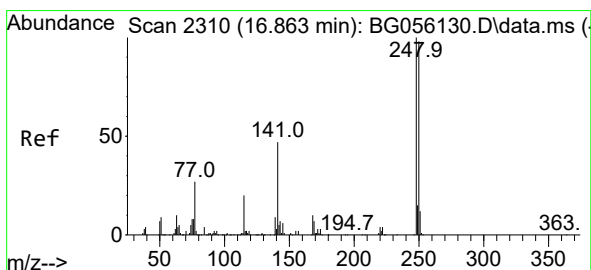
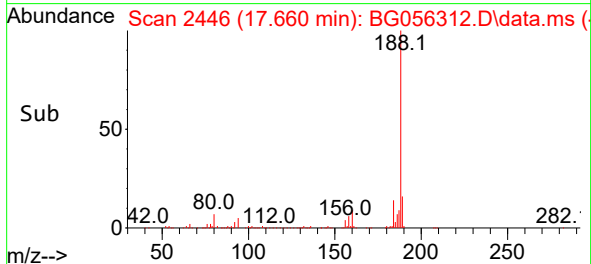
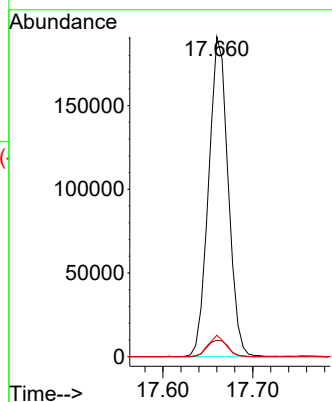
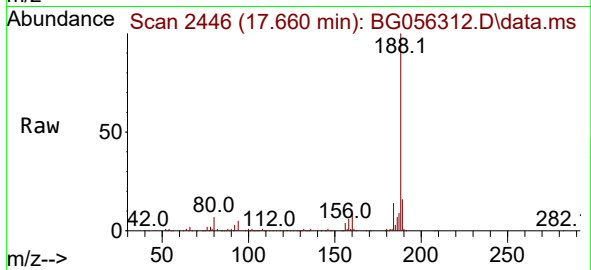
Tgt Ion:188 Resp: 288664

Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

80 6.7 5.0 7.4



#67

4-Bromophenyl-phenylether

Concen: 5.609 ng

RT: 16.403 min Scan# 2232

Delta R.T. -0.445 min

Lab File: BG056312.D

Acq: 17 Jan 2023 12:57

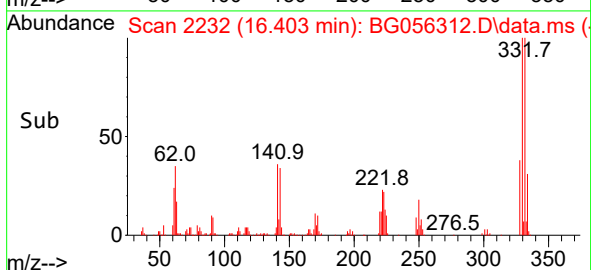
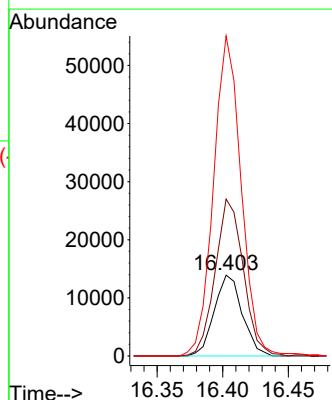
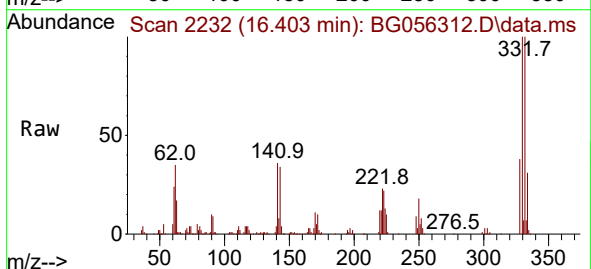
Tgt Ion:248 Resp: 20619

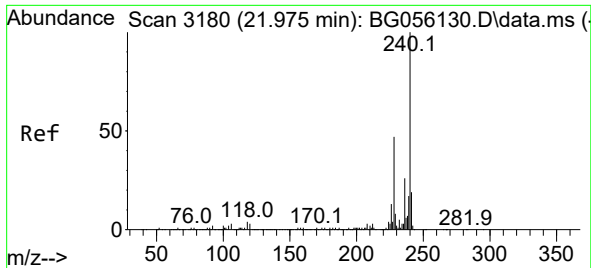
Ion Ratio Lower Upper

248 100

250 194.1 78.2 117.4#

141 395.6 37.6 56.4#

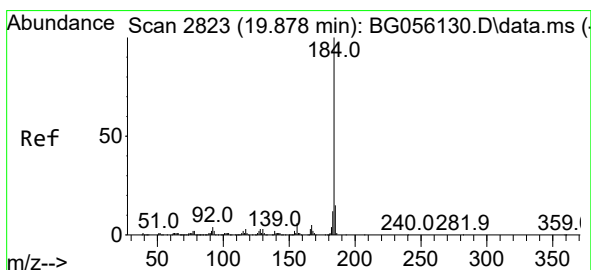
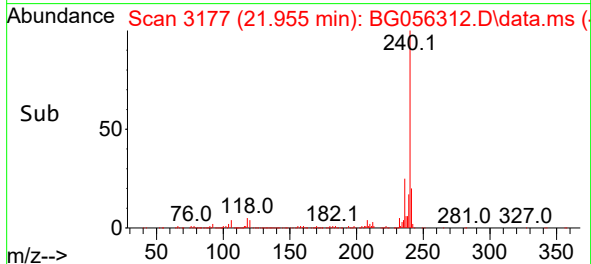
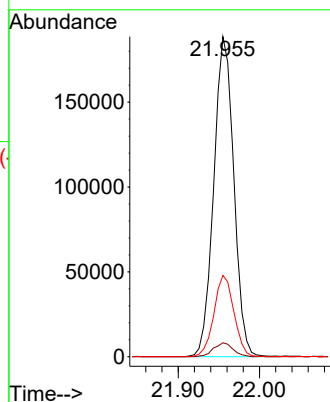
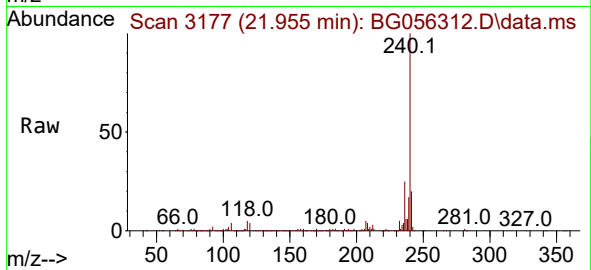




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3180
Delta R.T. -0.005 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

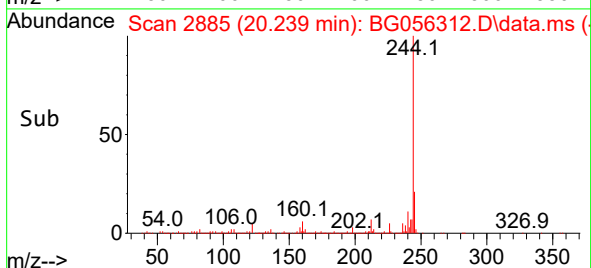
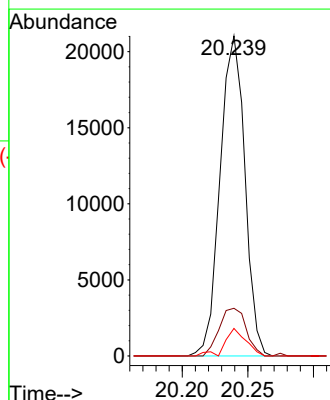
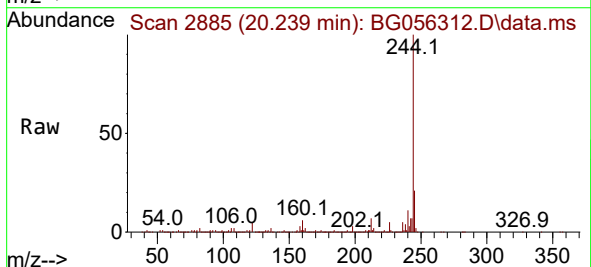
Instrument :
BNA_G
ClientSampleId :
MH-5

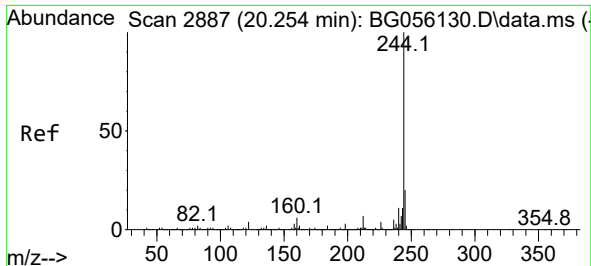
Tgt Ion:240 Resp: 323379
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.4 20.8 31.2



#77
Benzidine
Concen: 2.434 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.377 min
Lab File: BG056312.D
Acq: 17 Jan 2023 12:57

Tgt Ion:184 Resp: 27582
Ion Ratio Lower Upper
184 100
185 14.9 12.2 18.2
183 8.6 9.4 14.0#

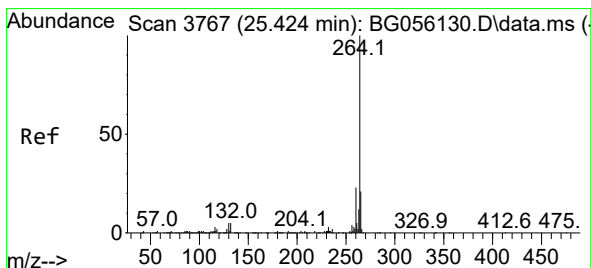
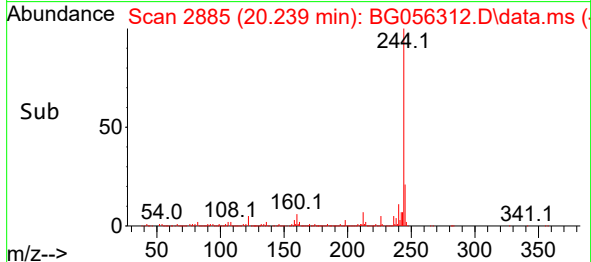
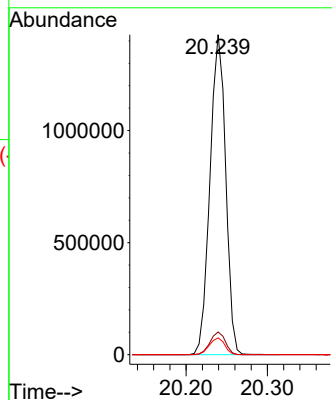
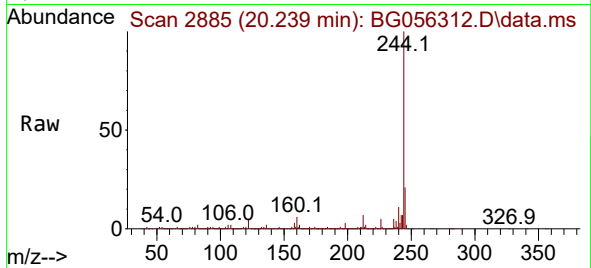




#79
 Terphenyl-d14
 Concen: 105.944 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056312.D
 Acq: 17 Jan 2023 12:57

Instrument :
 BNA_G
 ClientSampleId :
 MH-5

Tgt Ion:244 Resp: 1912842
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.3 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.404 min Scan# 3764
 Delta R.T. 0.001 min
 Lab File: BG056312.D
 Acq: 17 Jan 2023 12:57

Tgt Ion:264 Resp: 353121
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.6 28.0
 265 20.9 16.7 25.1

