

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056256.D
 Acq On : 11 Jan 2023 18:43
 Operator : CG/JU
 Sample : 01055-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-F

Quant Time: Jan 12 04:22:40 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)

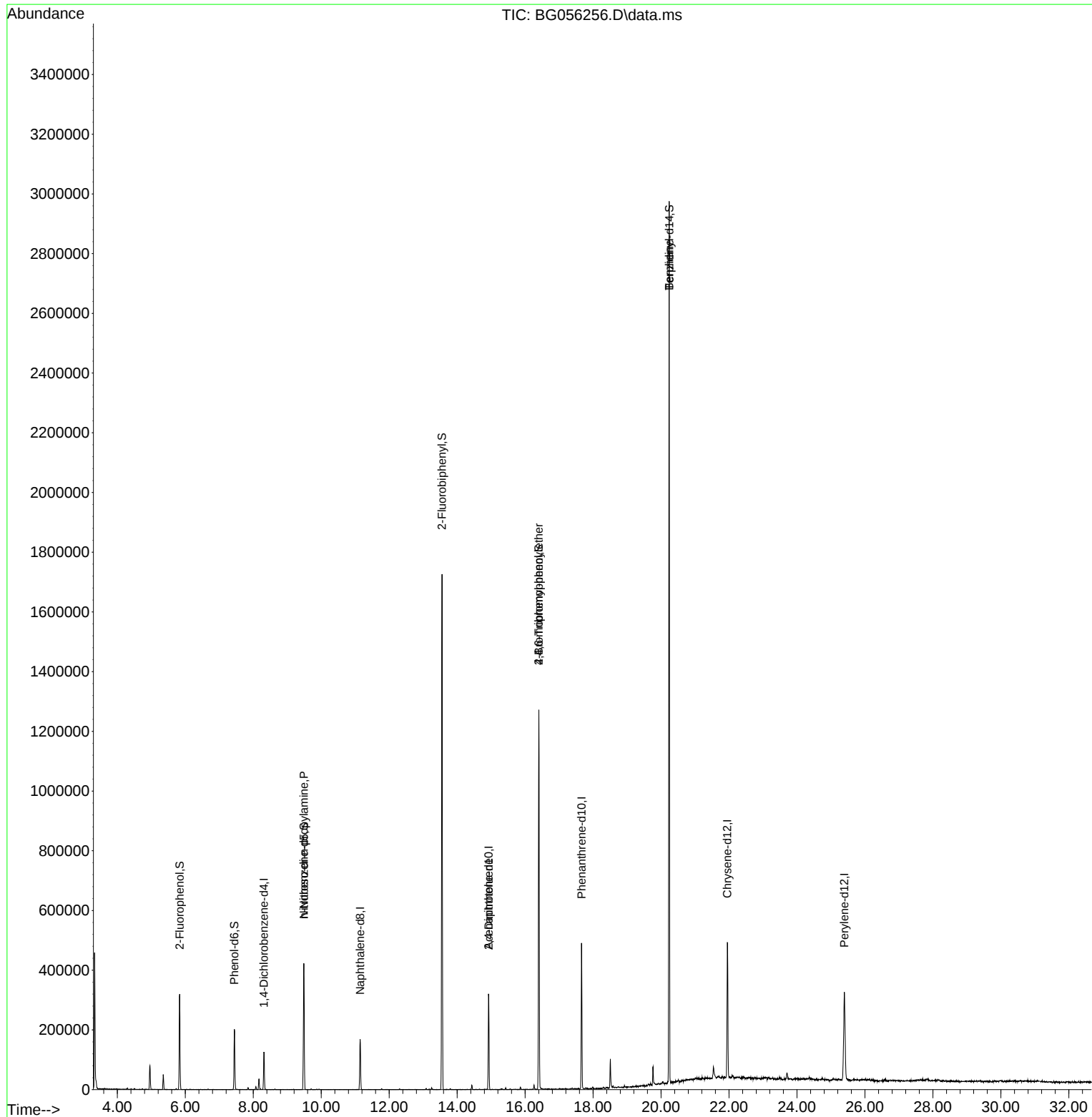
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.314	152	41221	20.000	ng	0.00
21) Naphthalene-d8	11.146	136	155640	20.000	ng	0.00
39) Acenaphthene-d10	14.924	164	122575	20.000	ng	0.00
64) Phenanthrene-d10	17.662	188	334202	20.000	ng	0.00
76) Chrysene-d12	21.951	240	326037	20.000	ng	# 0.00
86) Perylene-d12	25.394	264	359819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.834	112	181862	78.774	ng	0.00
7) Phenol-d6	7.444	99	157262	44.356	ng	0.00
23) Nitrobenzene-d5	9.489	82	304373	100.033	ng	0.00
42) 2,4,6-Tribromophenol	16.404	330	259541	167.188	ng	0.00
45) 2-Fluorobiphenyl	13.555	172	950372	107.066	ng	0.00
79) Terphenyl-d14	20.241	244	1618652	88.919	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.489	70	38071	17.659	ng	# 76
57) 2,4-Dinitrotoluene	14.924	165	16375	5.553	ng	# 29
67) 4-Bromophenyl-phenylether	16.404	248	21854	5.135	ng	# 1
77) Benzidine	20.241	184	22868	2.001	ng	# 93

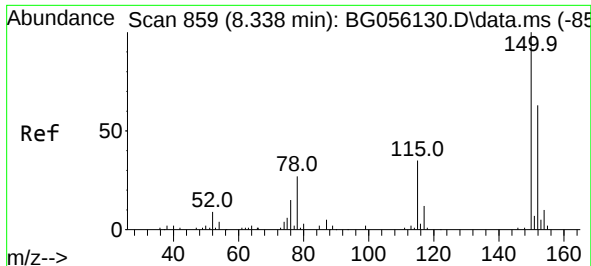
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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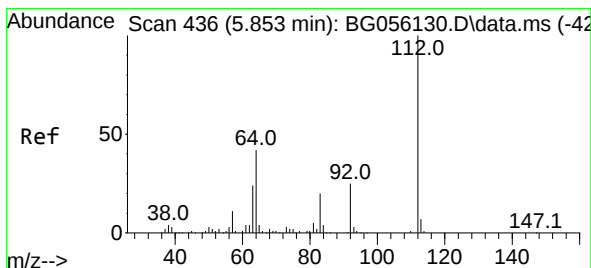
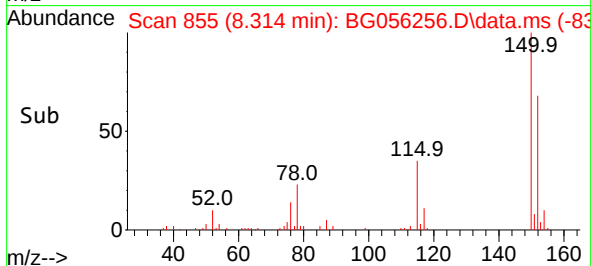
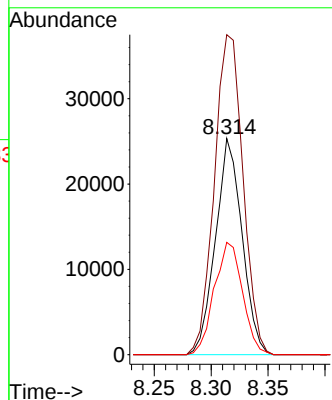
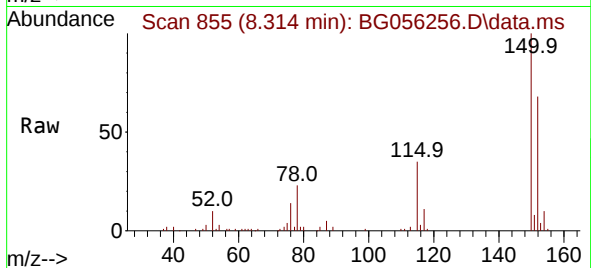




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.314 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

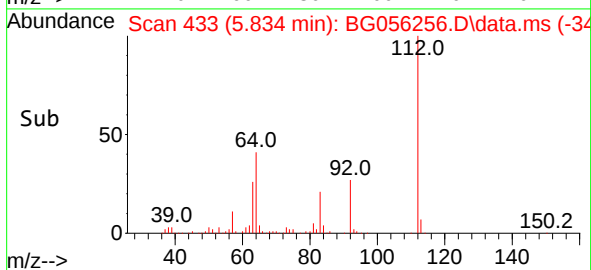
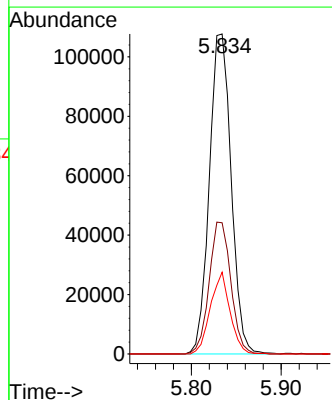
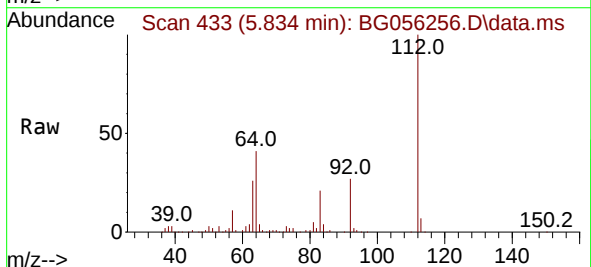
Instrument :
BNA_G
ClientSampleId :
MH-F

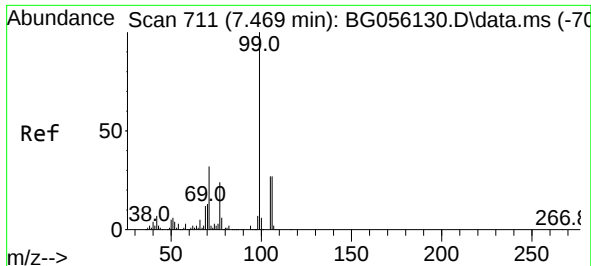
Tgt Ion:152 Resp: 41221
Ion Ratio Lower Upper
152 100
150 148.0 127.9 191.9
115 52.0 44.2 66.2



#5
2-Fluorophenol
Concen: 78.774 ng
RT: 5.834 min Scan# 433
Delta R.T. 0.009 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

Tgt Ion:112 Resp: 181862
Ion Ratio Lower Upper
112 100
64 41.0 33.3 49.9
63 25.6 19.0 28.4

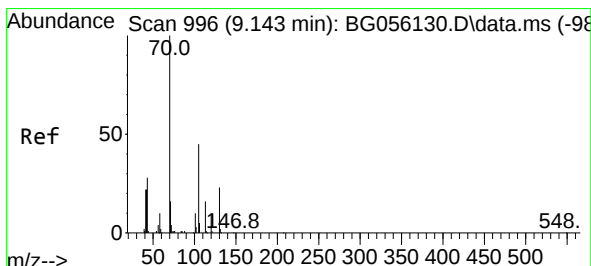
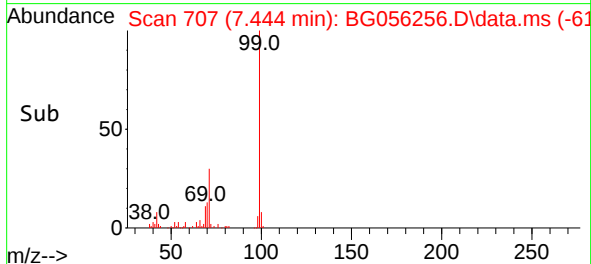
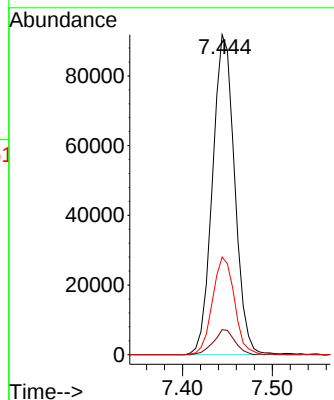
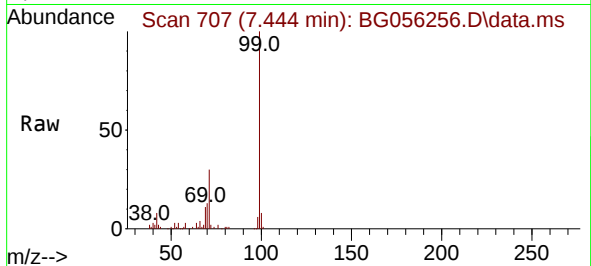




#7
Phenol-d6
Concen: 44.356 ng
RT: 7.444 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

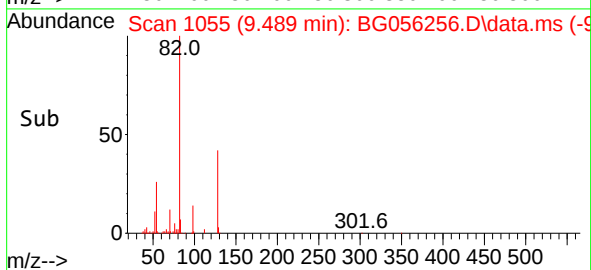
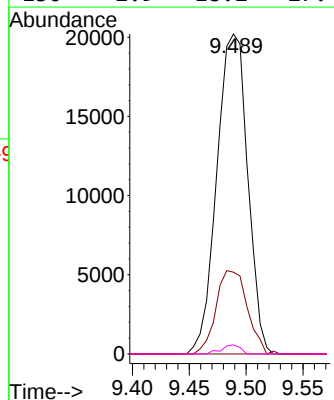
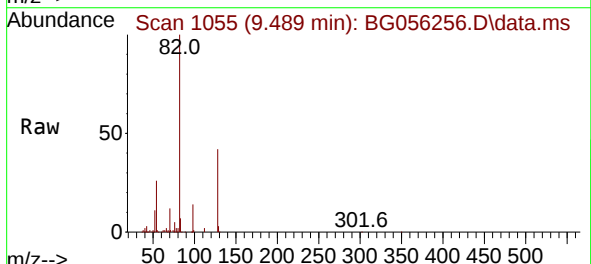
Instrument :
BNA_G
ClientSampleId :
MH-F

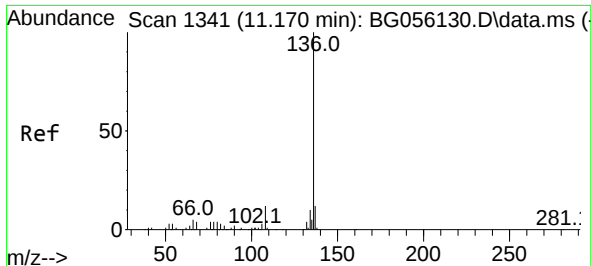
Tgt Ion: 99 Resp: 157262
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 30.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.659 ng
RT: 9.489 min Scan# 1055
Delta R.T. 0.373 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

Tgt Ion: 70 Resp: 38071
Ion Ratio Lower Upper
70 100
42 25.5 18.2 27.2
101 0.0 8.3 12.5#
130 2.9 18.2 27.4#

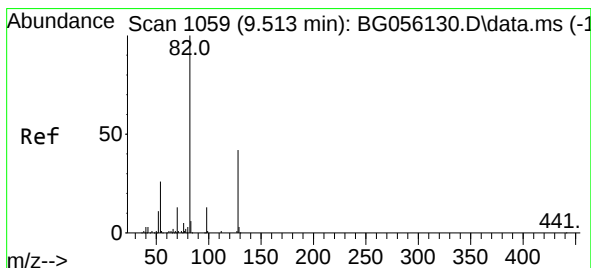
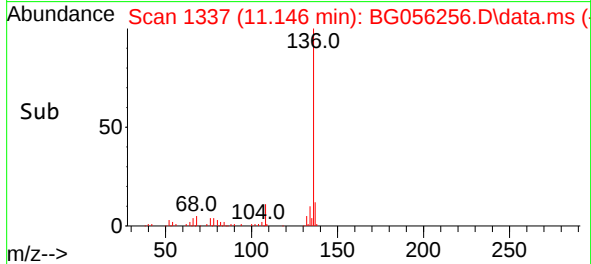
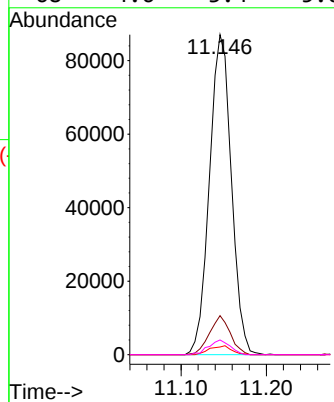
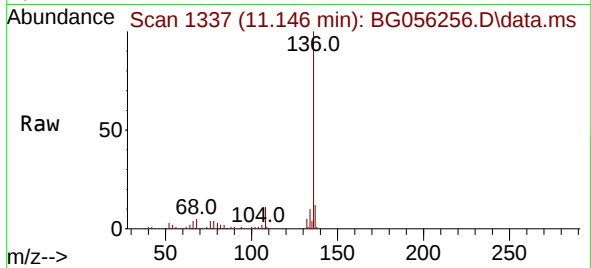




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.146 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

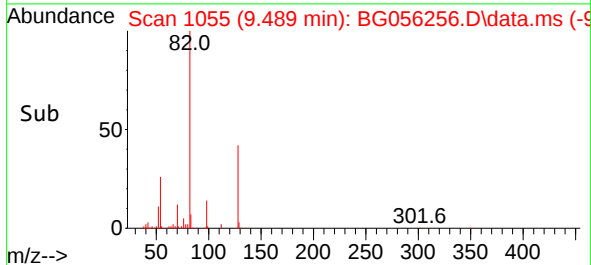
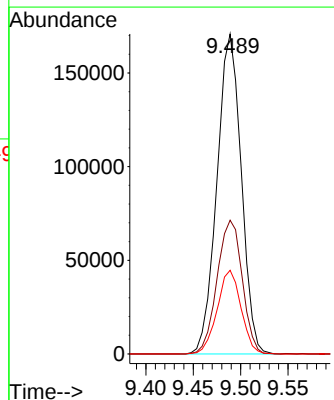
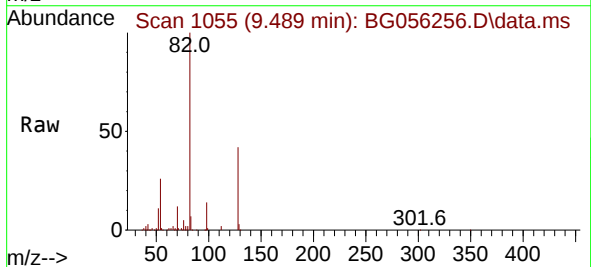
Instrument :
BNA_G
ClientSampleId :
MH-F

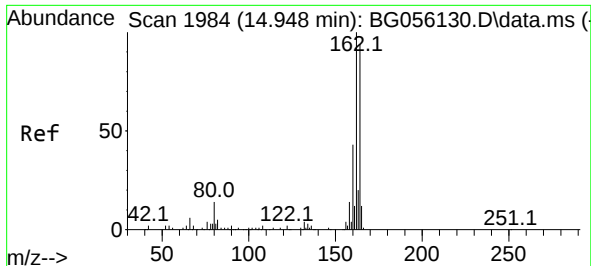
Tgt Ion:136	Resp:	155640	
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.0
54	2.4	2.2	3.2
68	4.6	3.4	5.0



#23
Nitrobenzene-d5
Concen: 100.033 ng
RT: 9.489 min Scan# 1055
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

Tgt Ion: 82	Resp: 304373
Ion Ratio	Lower Upper
82 100	
128 41.8	33.4 50.2
54 26.1	20.3 30.5

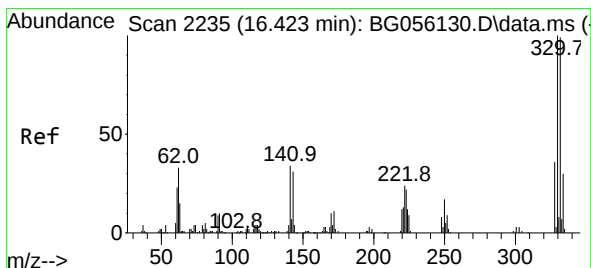
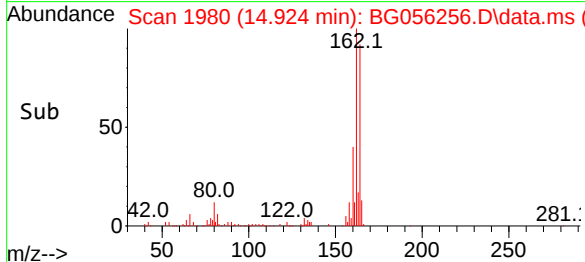
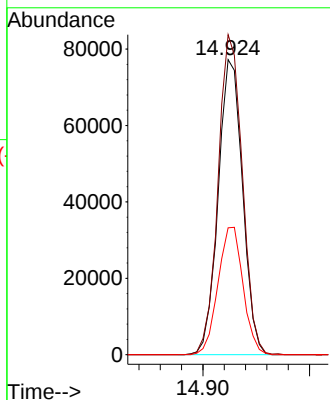
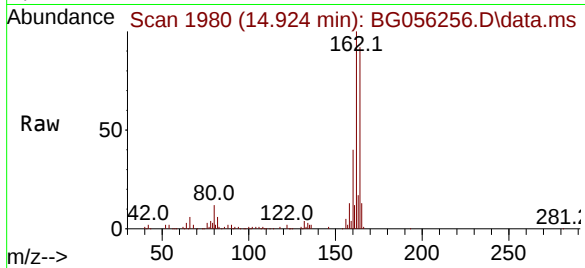




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.924 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

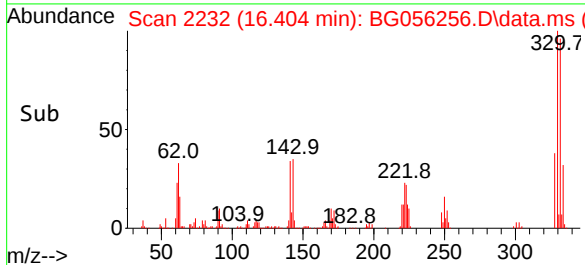
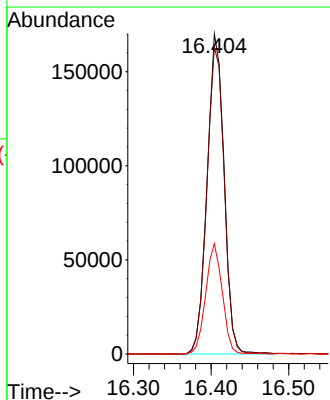
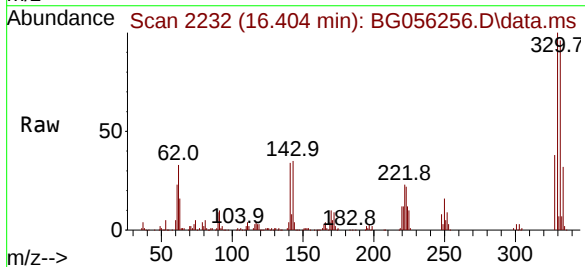
Instrument :
BNA_G
ClientSampleId :
MH-F

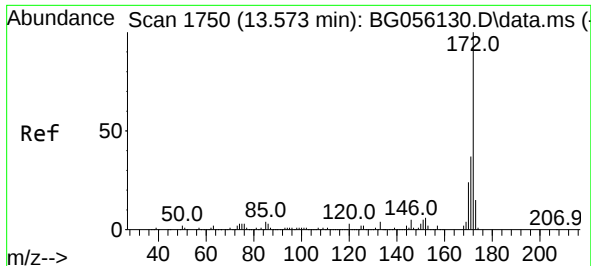
Tgt Ion:164 Resp: 122575
Ion Ratio Lower Upper
164 100
162 108.5 84.7 127.1
160 43.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 167.188 ng
RT: 16.404 min Scan# 2232
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

Tgt Ion:330 Resp: 259541
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 33.6 27.9 41.9

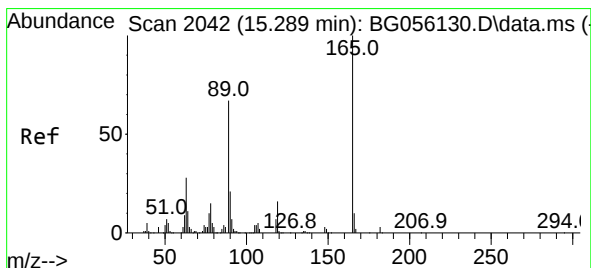
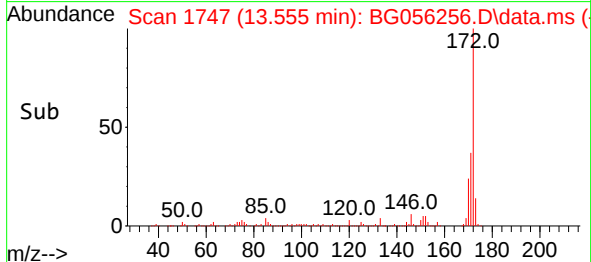
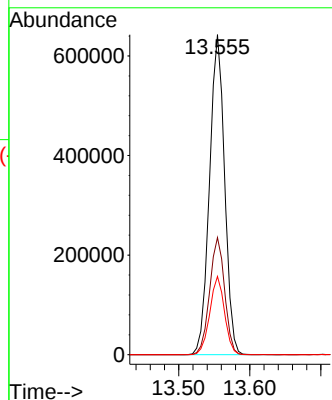
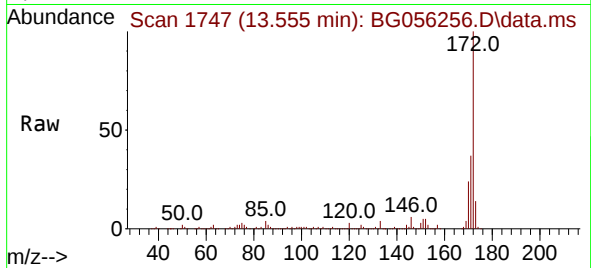




#45
2-Fluorobiphenyl
Concen: 107.066 ng
RT: 13.555 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

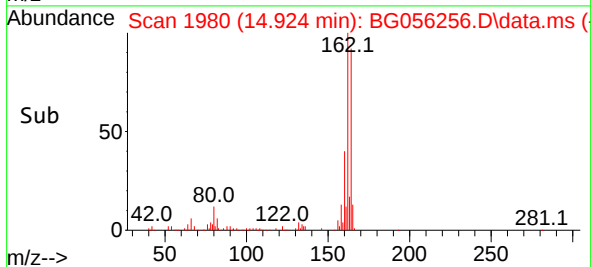
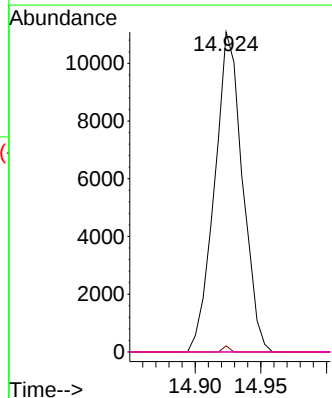
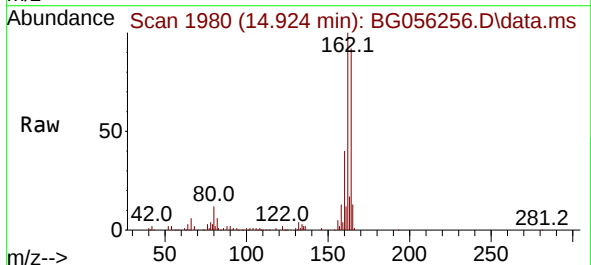
Instrument :
BNA_G
ClientSampleId :
MH-F

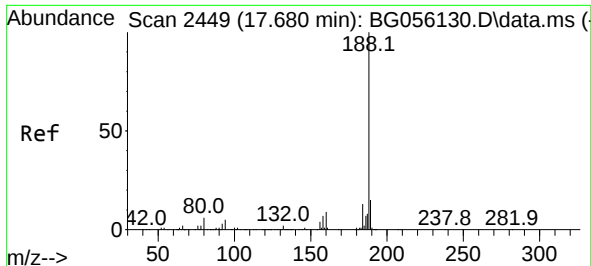
Tgt Ion:172 Resp: 950372
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.5 19.4 29.2



#57
2,4-Dinitrotoluene
Concen: 5.553 ng
RT: 14.924 min Scan# 1980
Delta R.T. -0.350 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

Tgt Ion:165 Resp: 16375
Ion Ratio Lower Upper
165 100
63 1.9 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

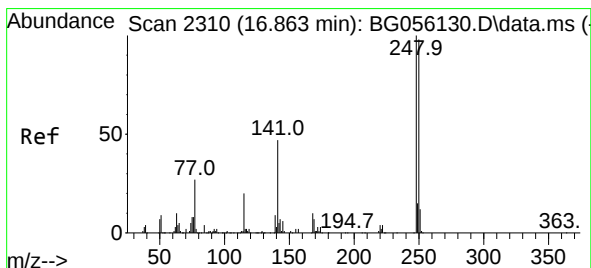
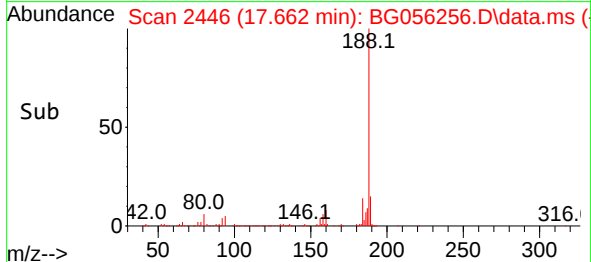
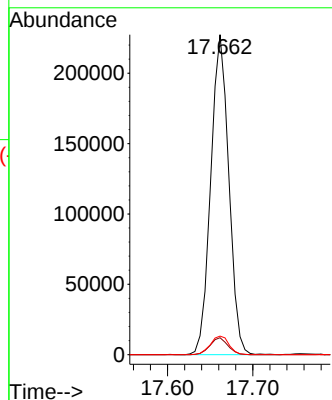
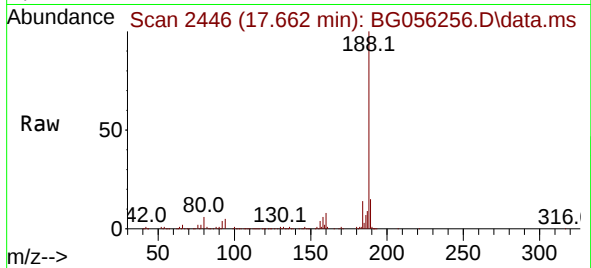




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.662 min Scan# 2449
Delta R.T. -0.003 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

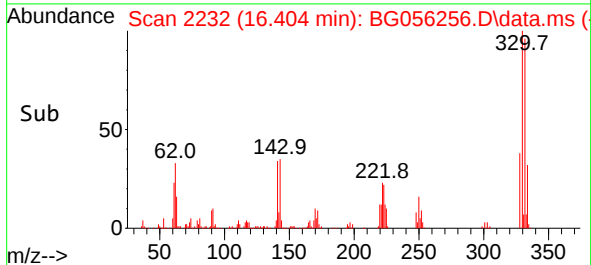
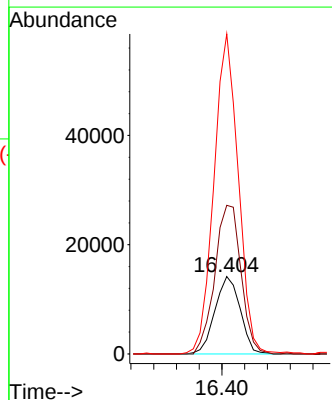
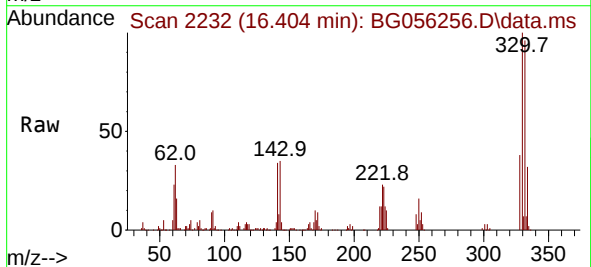
Instrument :
BNA_G
ClientSampleId :
MH-F

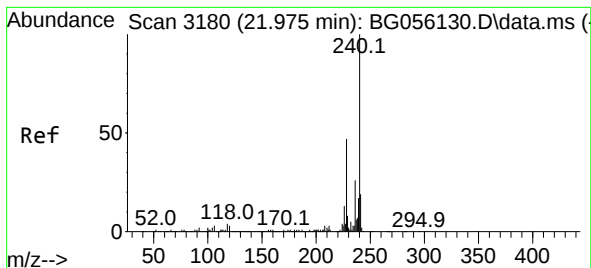
Tgt Ion:188 Resp: 334202
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.8 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 5.135 ng
RT: 16.404 min Scan# 2232
Delta R.T. -0.444 min
Lab File: BG056256.D
Acq: 11 Jan 2023 18:43

Tgt Ion:248 Resp: 21854
Ion Ratio Lower Upper
248 100
250 192.1 78.2 117.4#
141 413.6 37.6 56.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.951 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG056256.D

Acq: 11 Jan 2023 18:43

Instrument :

BNA_G

ClientSampleId :

MH-F

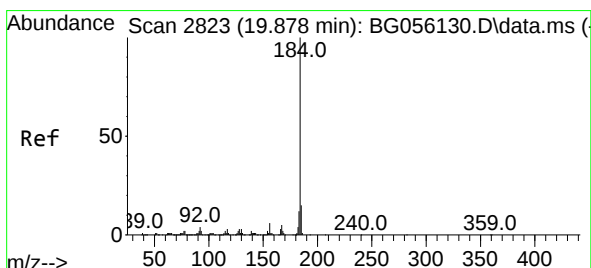
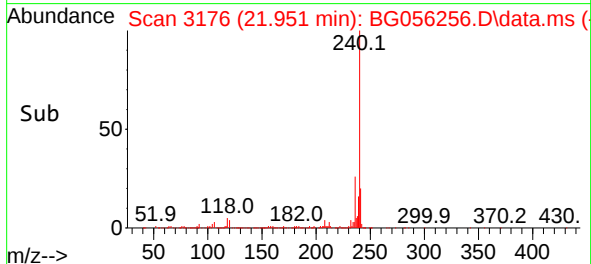
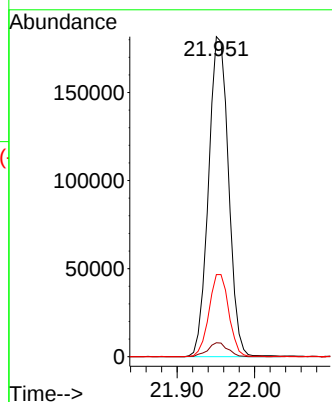
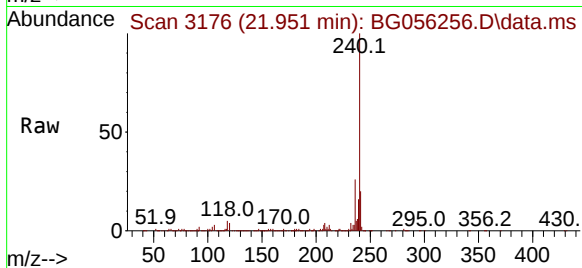
Tgt Ion:240 Resp: 326037

Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0#

236 25.6 20.8 31.2



#77

Benzidine

Concen: 2.001 ng

RT: 20.241 min Scan# 2885

Delta R.T. 0.379 min

Lab File: BG056256.D

Acq: 11 Jan 2023 18:43

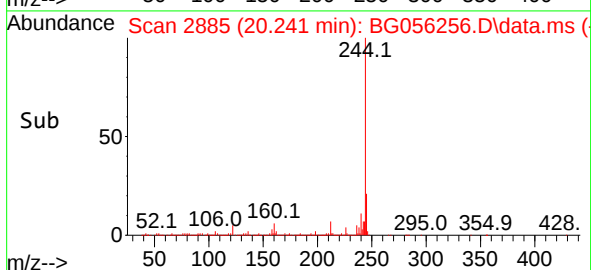
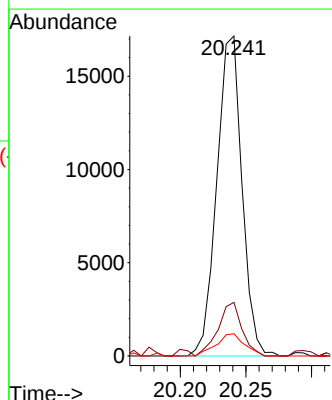
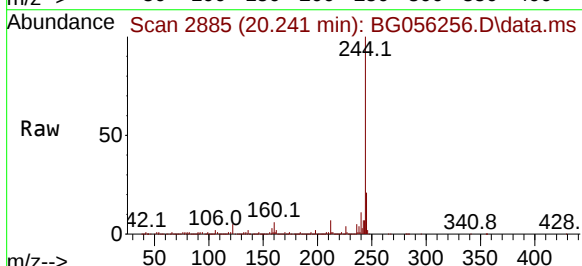
Tgt Ion:184 Resp: 22868

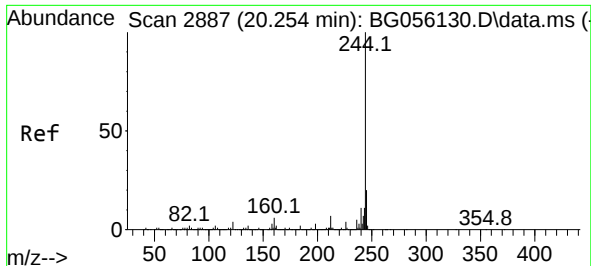
Ion Ratio Lower Upper

184 100

185 16.7 12.2 18.2

183 7.0 9.4 14.0#

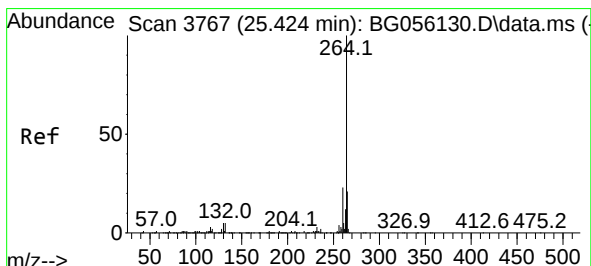
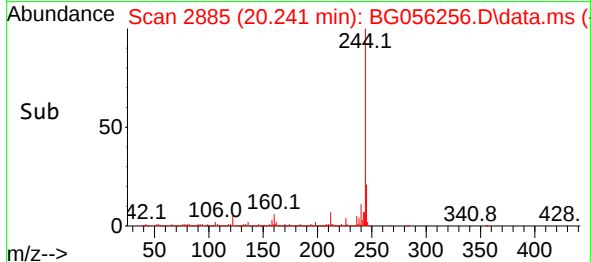
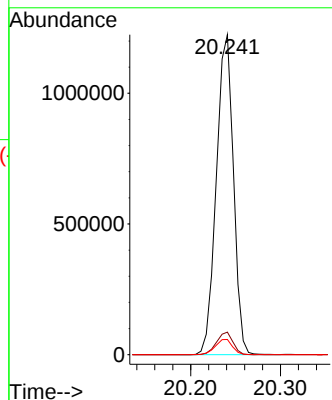
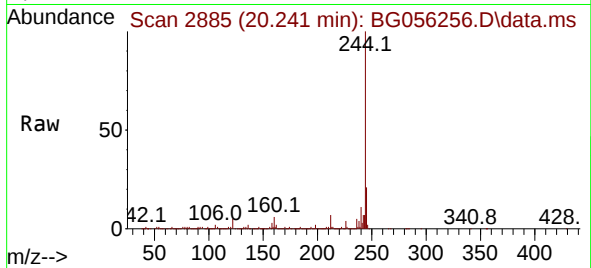




#79
 Terphenyl-d14
 Concen: 88.919 ng
 RT: 20.241 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056256.D
 Acq: 11 Jan 2023 18:43

Instrument :
 BNA_G
 ClientSampleId :
 MH-F

Tgt Ion:244 Resp: 1618652
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.394 min Scan# 3762
 Delta R.T. -0.009 min
 Lab File: BG056256.D
 Acq: 11 Jan 2023 18:43

Tgt Ion:264 Resp: 359819
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 28.0
 265 21.8 16.7 25.1

