

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055880.D
 Acq On : 2 Dec 2022 19:09
 Operator : CG/JU
 Sample : N5804-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

Quant Time: Dec 03 04:31:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

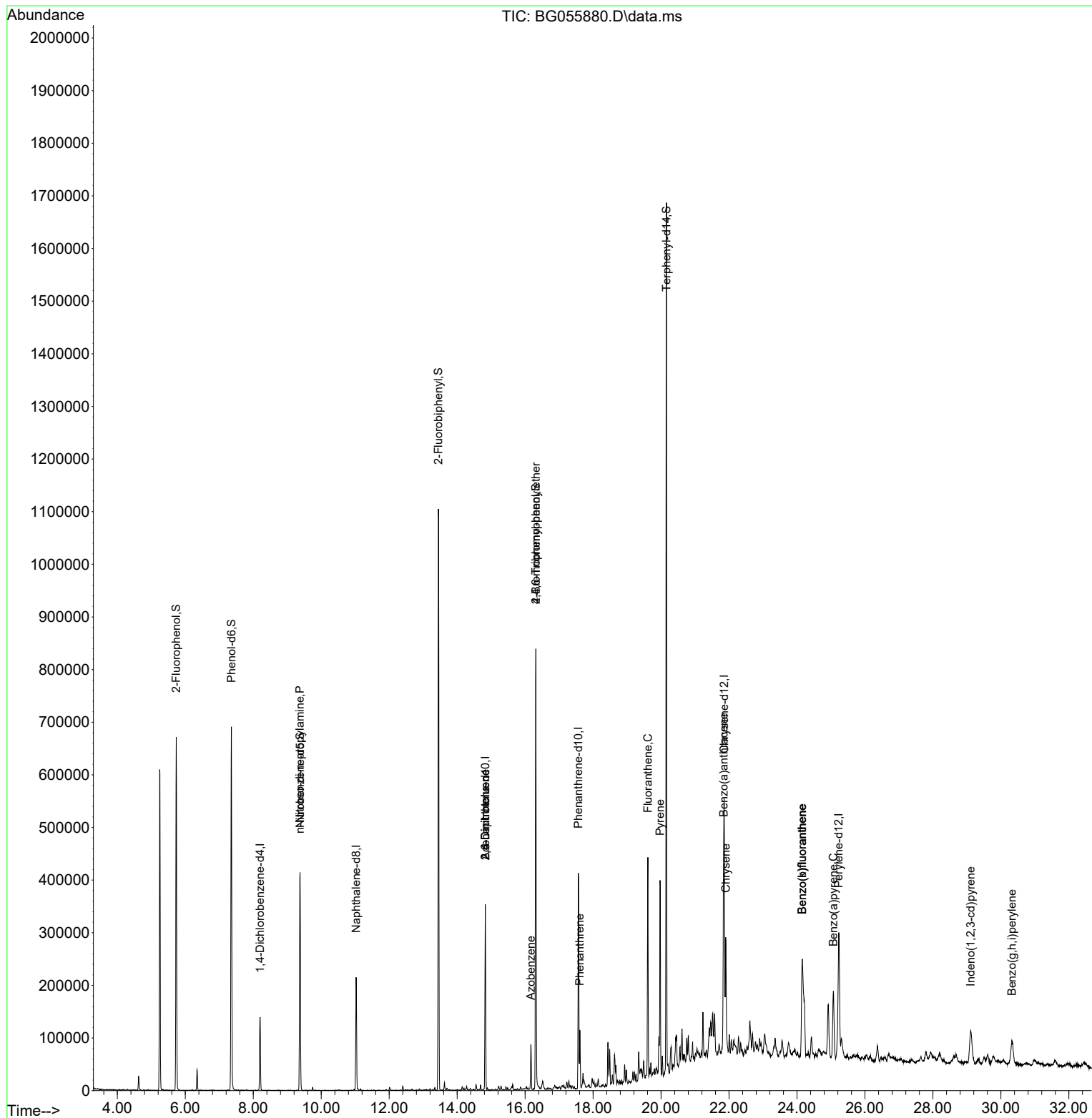
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	41129	20.000	ng	0.00
21) Naphthalene-d8	11.026	136	181718	20.000	ng	-0.01
39) Acenaphthene-d10	14.828	164	127152	20.000	ng	-0.01
64) Phenanthrene-d10	17.566	188	270446	20.000	ng	-0.01
76) Chrysene-d12	21.855	240	255022	20.000	ng	-0.01
86) Perylene-d12	25.227	264	271630	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	283900	124.767	ng	0.00
7) Phenol-d6	7.354	99	386673	127.658	ng	0.00
23) Nitrobenzene-d5	9.375	82	250944	72.990	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	182114	101.713	ng	-0.01
45) 2-Fluorobiphenyl	13.447	172	591915	69.740	ng	-0.01
79) Terphenyl-d14	20.157	244	808265	63.392	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.370	70	33399	14.351	ng	# 75
51) 2,6-Dinitrotoluene	14.828	165	16565	7.993	ng	# 26
57) 2,4-Dinitrotoluene	14.828	165	16565	5.669	ng	# 24
63) Azobenzene	16.167	77	23505	2.627	ng	# 1
67) 4-Bromophenyl-phenylether	16.314	248	11904	3.863	ng	# 1
71) Phenanthrene	17.607	178	73821	5.058	ng	98
75) Fluoranthene	19.610	202	261982	14.755	ng	100
78) Pyrene	19.969	202	243963	14.133	ng	99
81) Benzo(a)anthracene	21.837	228	179839	10.239	ng	100
83) Chrysene	21.902	228	174576	10.440	ng	100
87) Indeno(1,2,3-cd)pyrene	29.111	276	107461	4.829	ng	# 95
88) Benzo(b)fluoranthene	24.152	252	268451	15.175	ng	99
89) Benzo(k)fluoranthene	24.152	252	268451	15.224	ng	98
90) Benzo(a)pyrene	25.069	252	147467	9.714	ng	99
92) Benzo(g,h,i)perylene	30.321	276	91765	5.007	ng	97

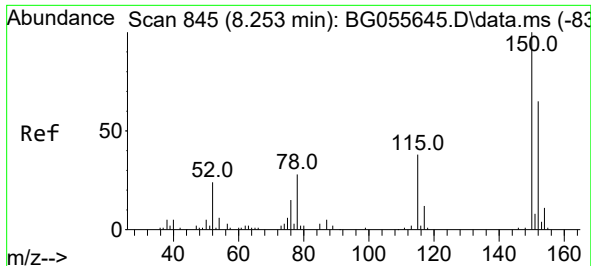
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
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Quant Time: Dec 03 04:31:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

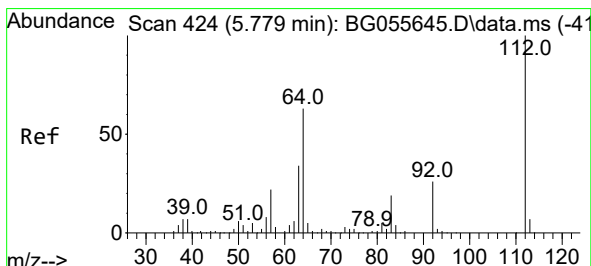
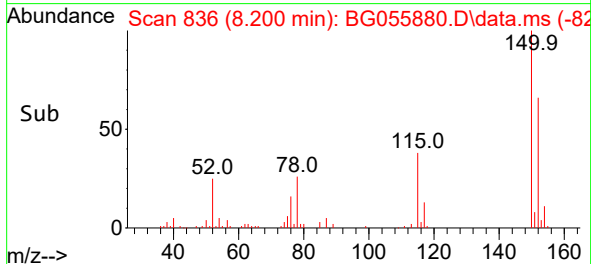
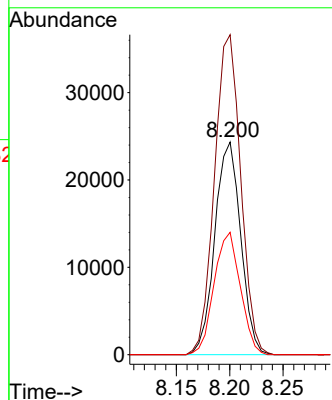
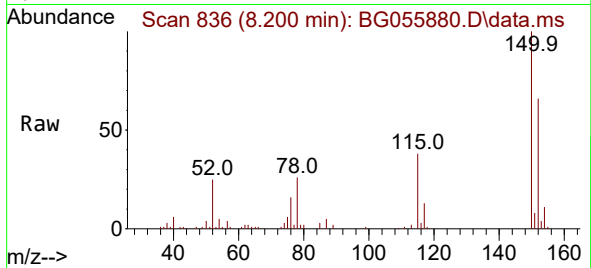




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

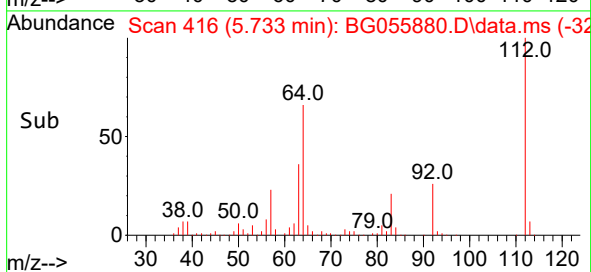
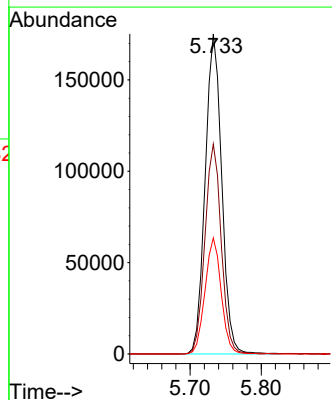
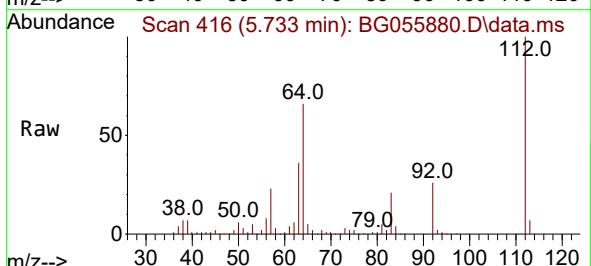
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

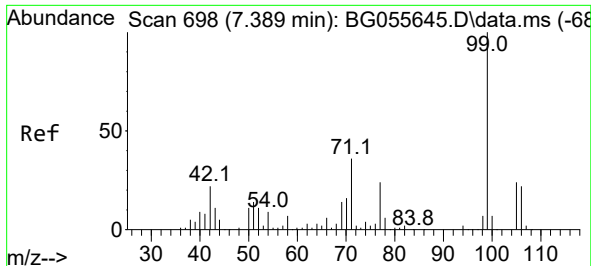
Tgt Ion:152 Resp: 41129
Ion Ratio Lower Upper
152 100
150 150.5 123.0 184.6
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 124.767 ng
RT: 5.733 min Scan# 416
Delta R.T. -0.005 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion:112 Resp: 283900
Ion Ratio Lower Upper
112 100
64 65.6 50.6 76.0
63 36.2 27.5 41.3

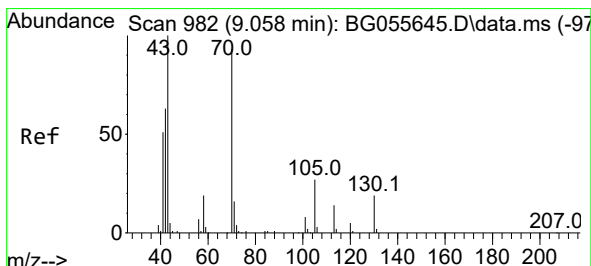
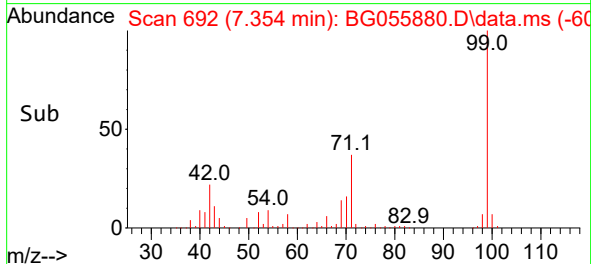
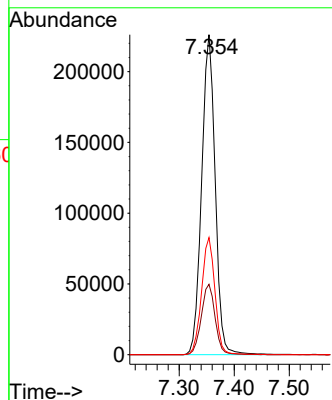
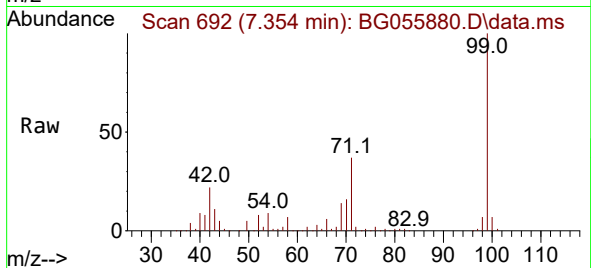




#7
Phenol-d6
Concen: 127.658 ng
RT: 7.354 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

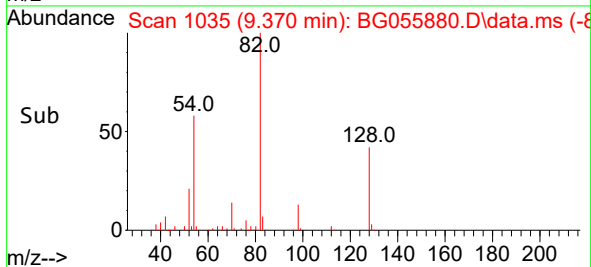
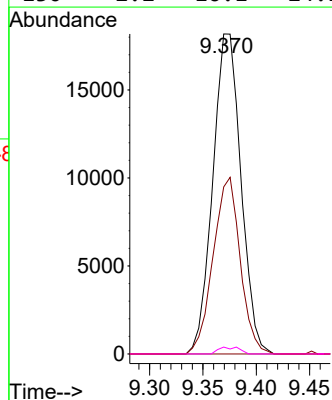
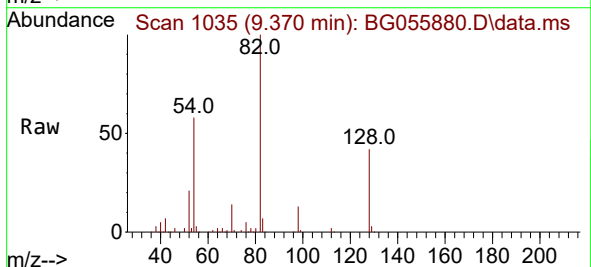
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

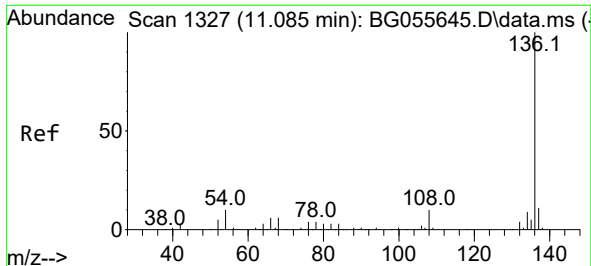
Tgt Ion: 99 Resp: 386673
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.351 ng
RT: 9.370 min Scan# 1035
Delta R.T. 0.359 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion: 70 Resp: 33399
Ion Ratio Lower Upper
70 100
42 52.2 55.2 82.8#
101 0.0 7.1 10.7#
130 2.2 16.1 24.1#

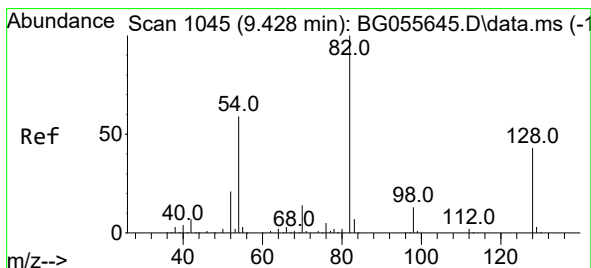
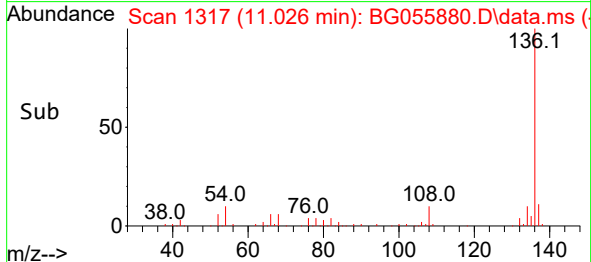
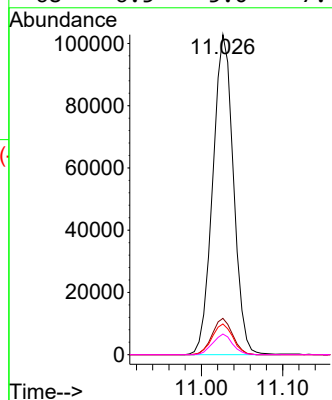
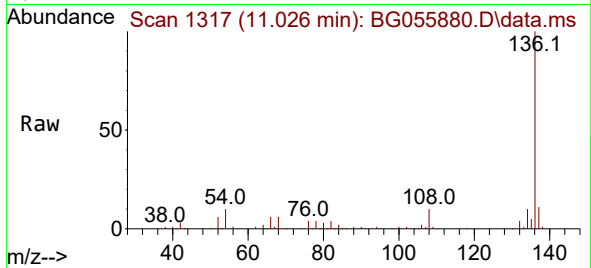




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

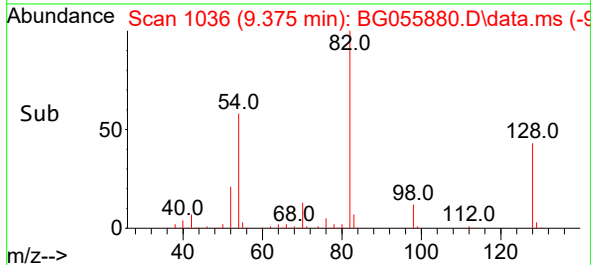
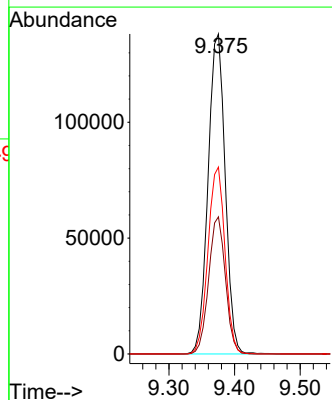
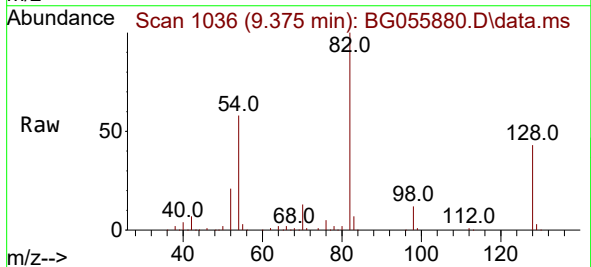
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

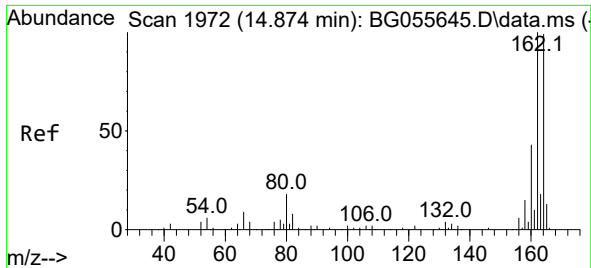
Tgt Ion:136 Resp: 181718
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.6 7.8 11.6
68 6.5 5.0 7.4



#23
Nitrobenzene-d5
Concen: 72.990 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion: 82 Resp: 250944
Ion Ratio Lower Upper
82 100
128 42.8 34.1 51.1
54 58.4 47.3 70.9

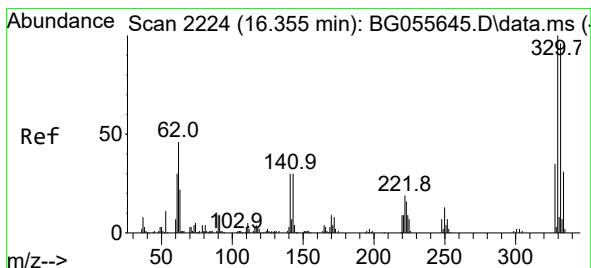
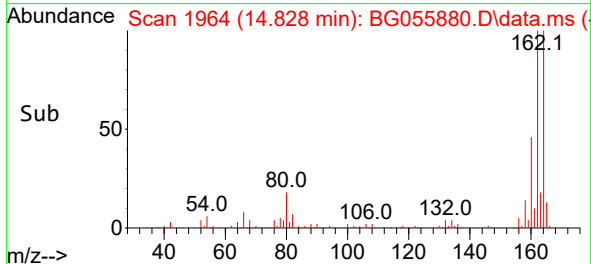
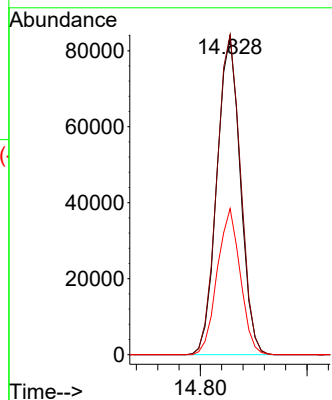
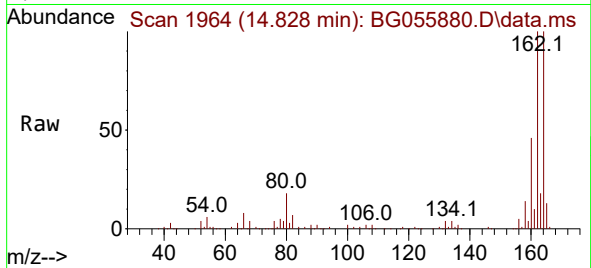




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.828 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

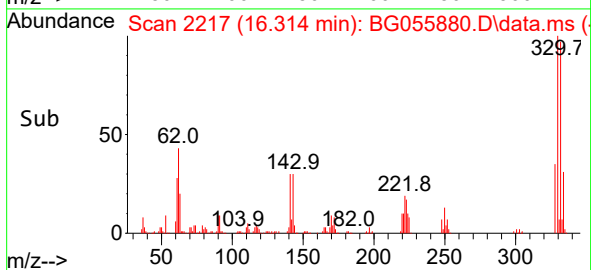
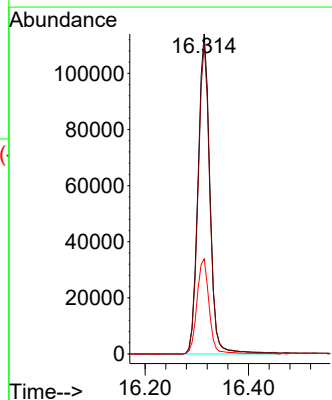
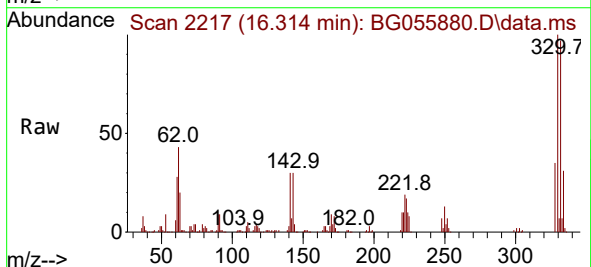
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

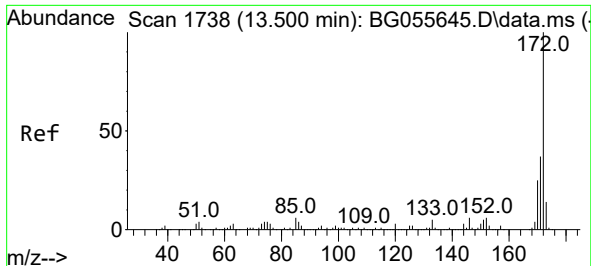
Tgt Ion:164 Resp: 127152
Ion Ratio Lower Upper
164 100
162 100.5 81.1 121.7
160 45.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 101.713 ng
RT: 16.314 min Scan# 2217
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion:330 Resp: 182114
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 30.4 23.9 35.9

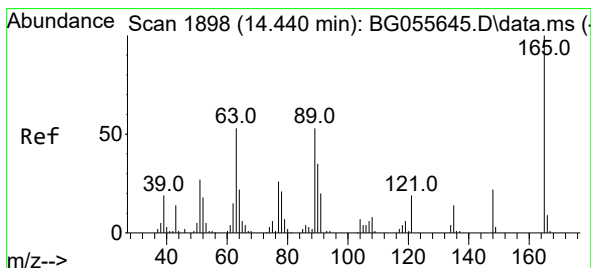
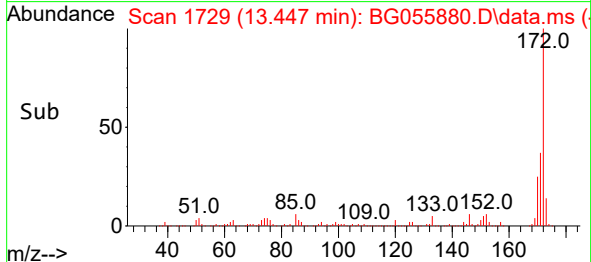
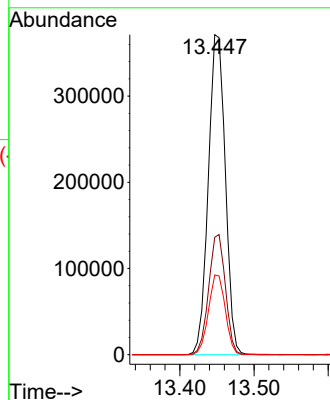
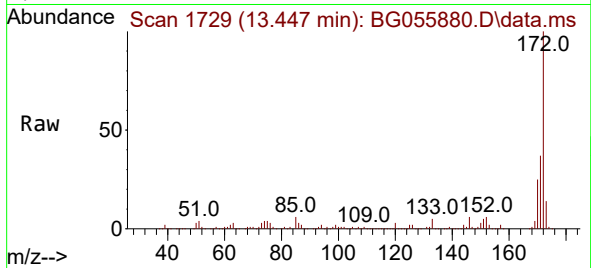




#45
2-Fluorobiphenyl
Concen: 69.740 ng
RT: 13.447 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

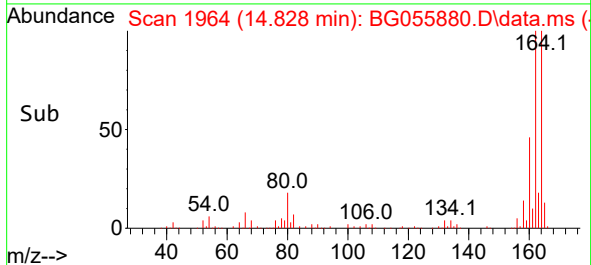
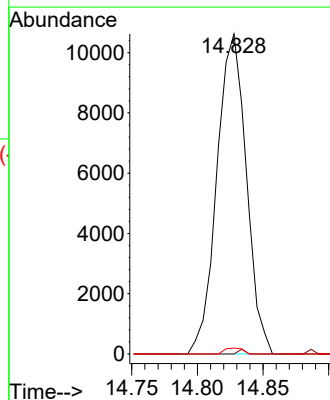
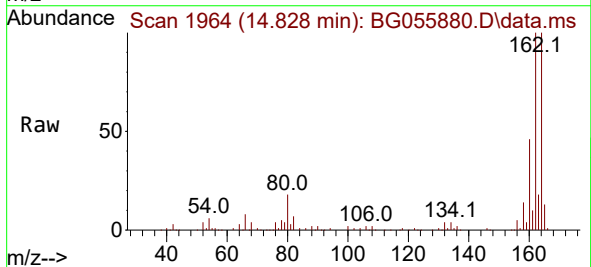
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

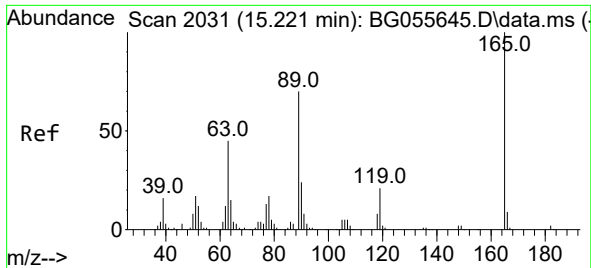
Tgt Ion:172 Resp: 591915
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.9 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 14.828 min Scan# 1964
Delta R.T. 0.418 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion:165 Resp: 16565
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 1.8 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.669 ng

RT: 14.828 min Scan# 1964

Delta R.T. -0.369 min

Lab File: BG055880.D

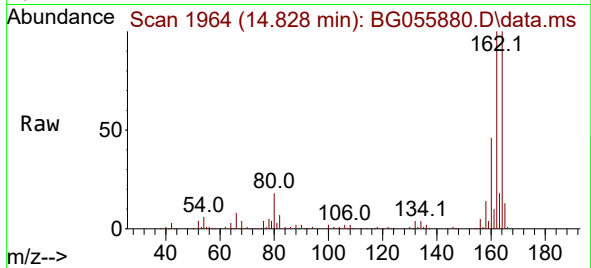
Acq: 2 Dec 2022 19:09

Instrument :

BNA_G

ClientSampleId :

SB-1-STOCK



Tgt Ion:165 Resp: 16565

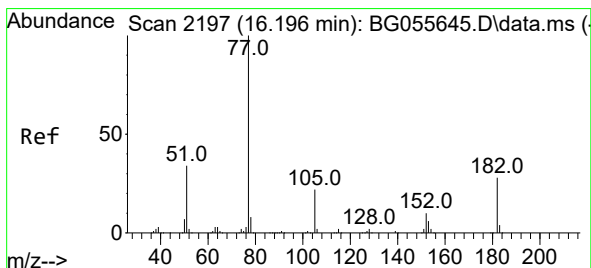
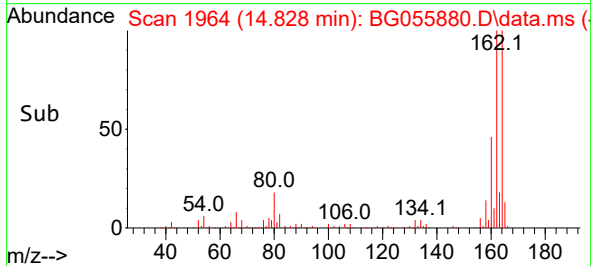
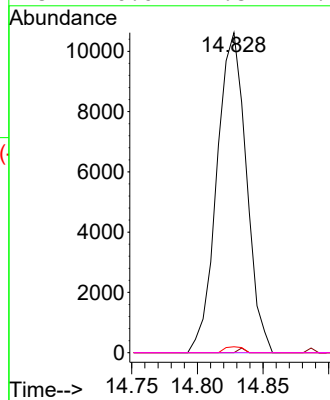
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 1.8 56.2 84.4#

182 0.0 1.8 2.8#



#63

Azobenzene

Concen: 2.627 ng

RT: 16.167 min Scan# 2192

Delta R.T. 0.013 min

Lab File: BG055880.D

Acq: 2 Dec 2022 19:09

Tgt Ion: 77 Resp: 23505

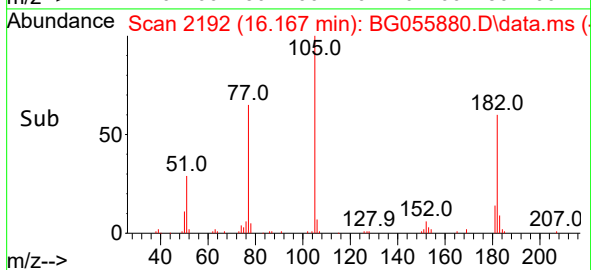
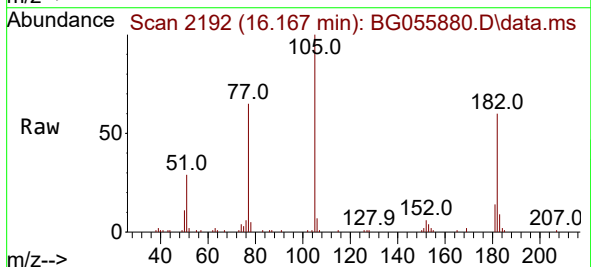
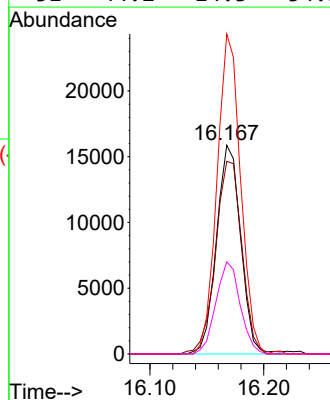
Ion Ratio Lower Upper

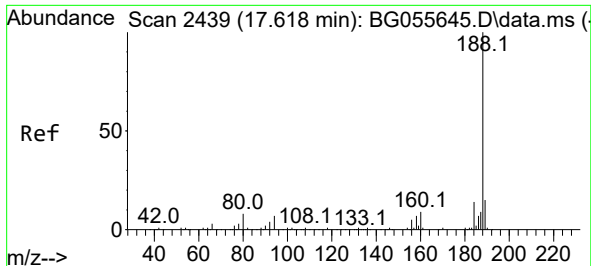
77 100

182 92.3 8.1 48.1#

105 153.3 1.8 41.8#

51 44.2 14.3 54.3

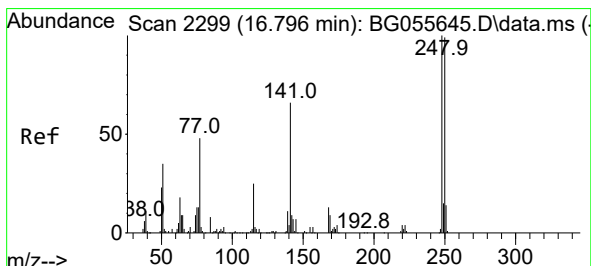
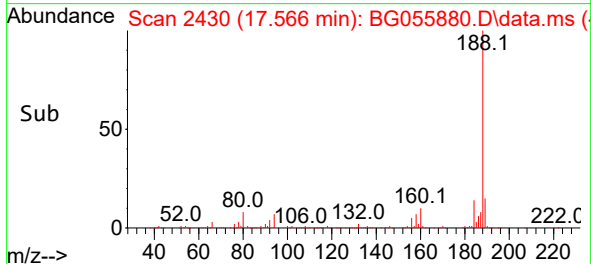
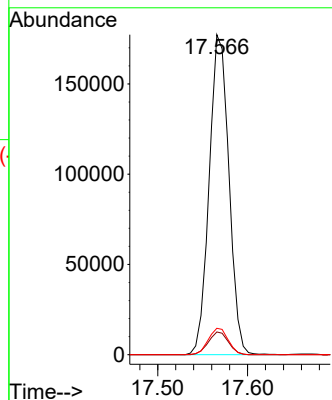
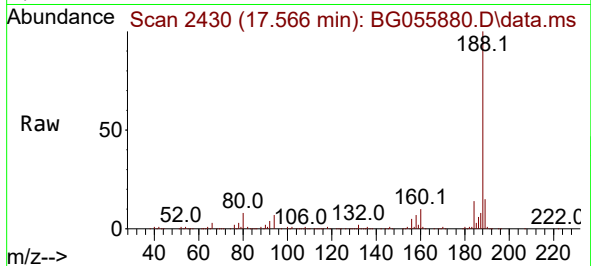




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.566 min Scan# 2439
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

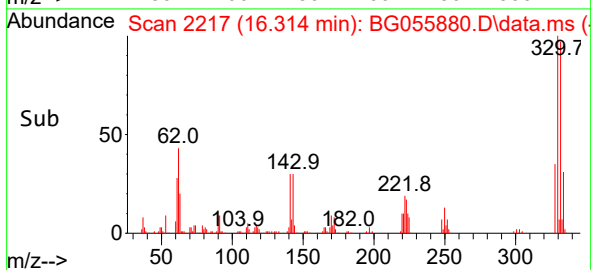
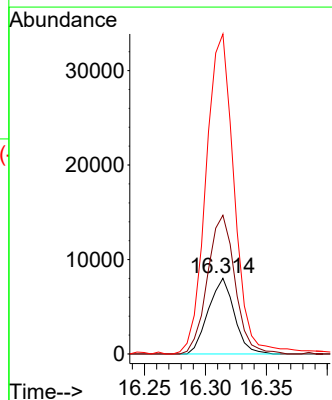
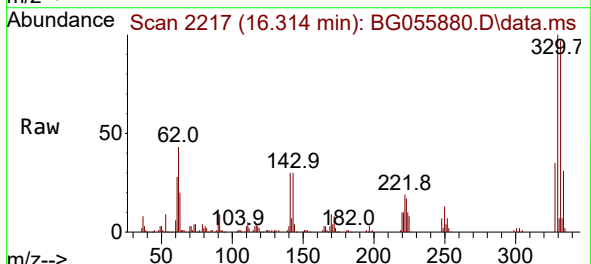
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

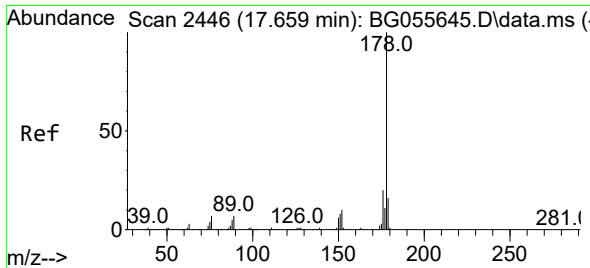
Tgt Ion:188 Resp: 270446
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 8.3 6.6 10.0



#67
4-Bromophenyl-phenylether
Concen: 3.863 ng
RT: 16.314 min Scan# 2217
Delta R.T. -0.440 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion:248 Resp: 11904
Ion Ratio Lower Upper
248 100
250 183.4 79.0 118.4#
141 422.9 52.9 79.3#

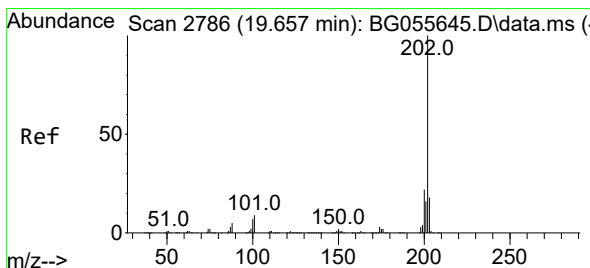
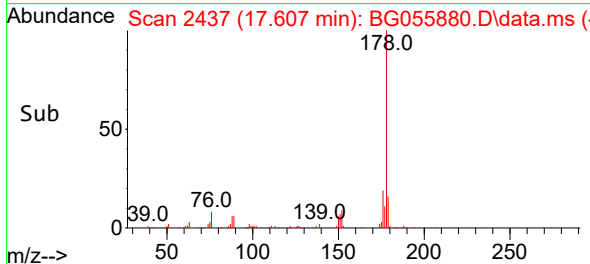
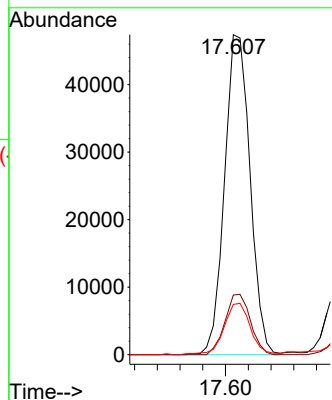
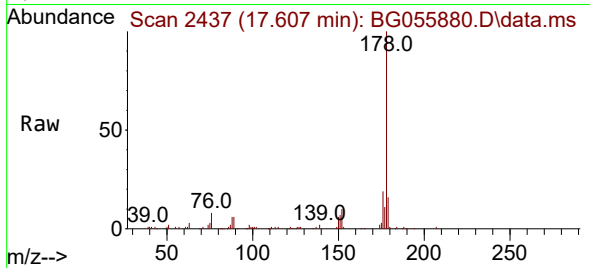




#71
Phenanthrene
Concen: 5.058 ng
RT: 17.607 min Scan# 2446
Delta R.T. -0.017 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

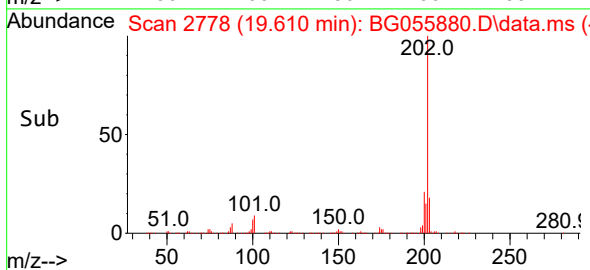
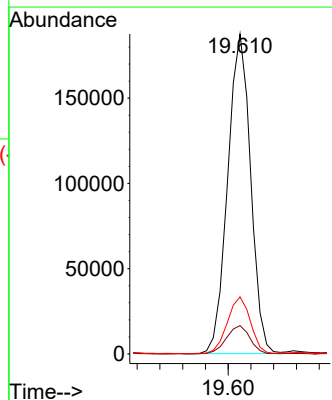
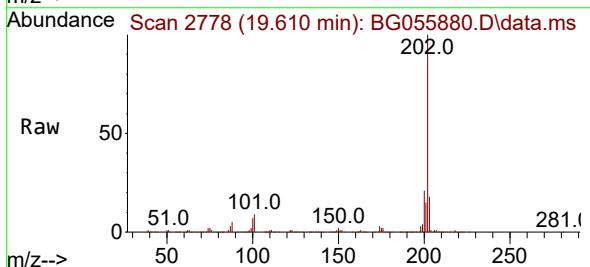
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

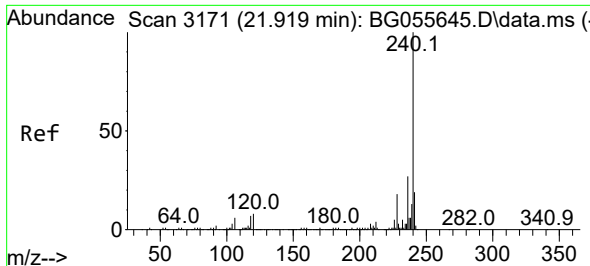
Tgt Ion:178 Resp: 73821
Ion Ratio Lower Upper
178 100
176 18.6 16.0 24.0
179 15.7 12.7 19.1



#75
Fluoranthene
Concen: 14.755 ng
RT: 19.610 min Scan# 2778
Delta R.T. -0.005 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion:202 Resp: 261982
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 17.9 0.0 38.1

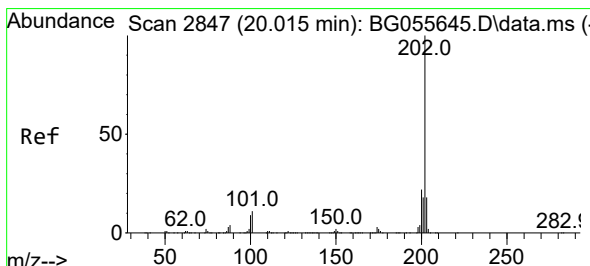
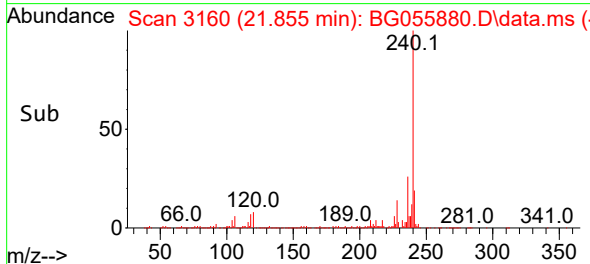
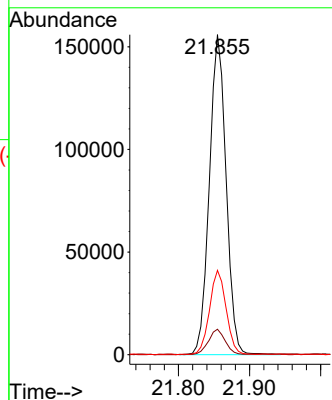
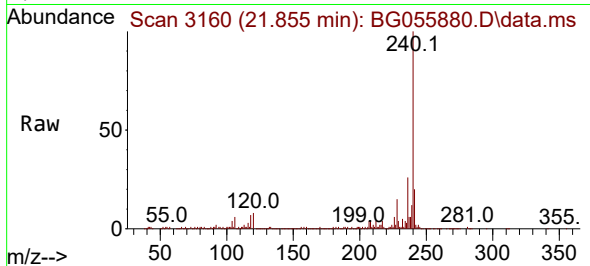




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

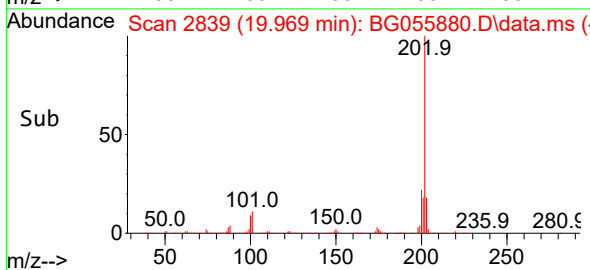
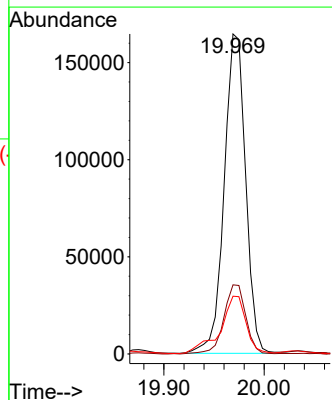
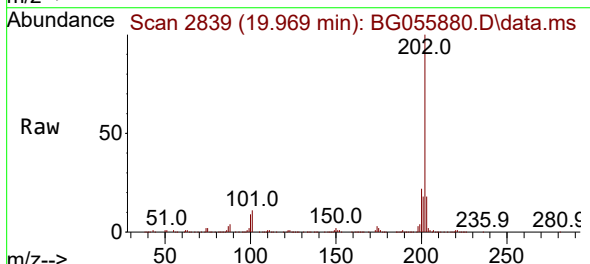
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

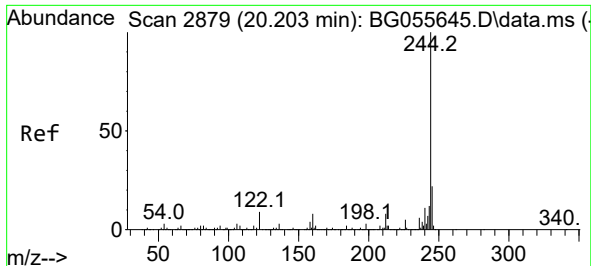
Tgt Ion:240 Resp: 255022
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.4 21.9 32.9



#78
Pyrene
Concen: 14.133 ng
RT: 19.969 min Scan# 2839
Delta R.T. -0.011 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion:202 Resp: 243963
Ion Ratio Lower Upper
202 100
200 21.6 17.8 26.6
203 18.1 14.4 21.6

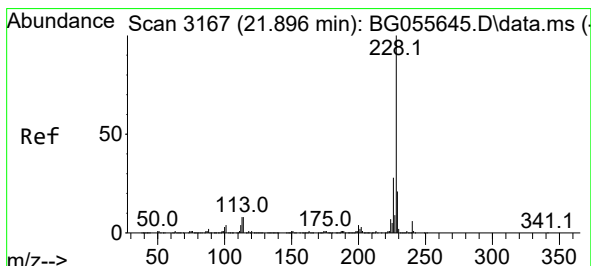
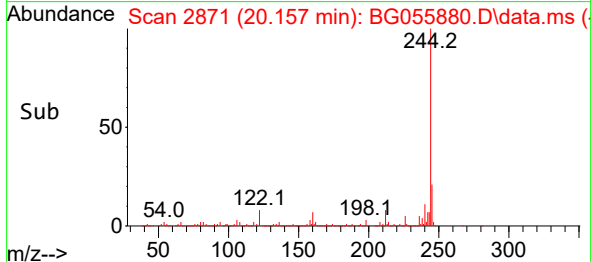
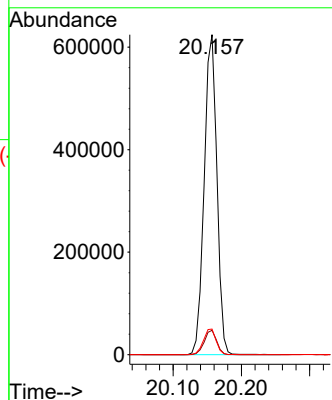
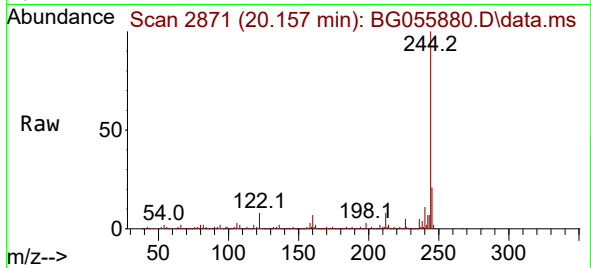




#79
 Terphenyl-d14
 Concen: 63.392 ng
 RT: 20.157 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055880.D
 Acq: 2 Dec 2022 19:09

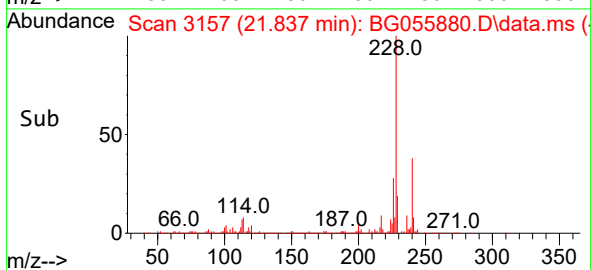
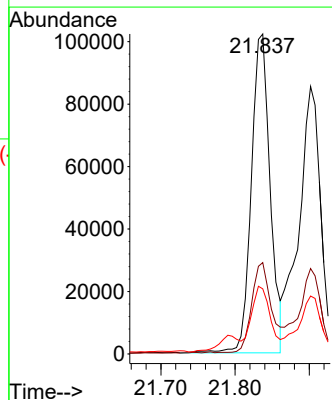
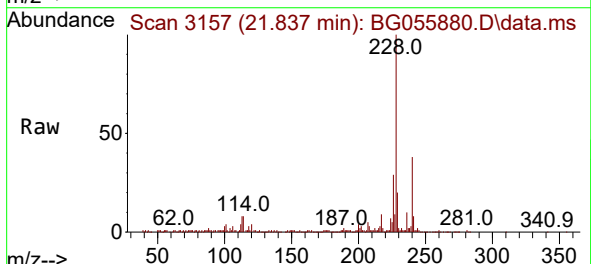
Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

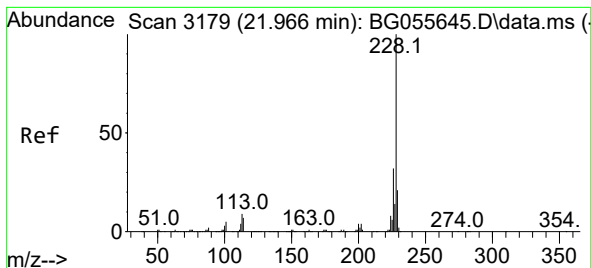
Tgt Ion:244 Resp: 808265
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.0 6.9 10.3



#81
 Benzo(a)anthracene
 Concen: 10.239 ng
 RT: 21.837 min Scan# 3157
 Delta R.T. -0.011 min
 Lab File: BG055880.D
 Acq: 2 Dec 2022 19:09

Tgt Ion:228 Resp: 179839
 Ion Ratio Lower Upper
 228 100
 226 28.5 22.7 34.1
 229 20.3 16.5 24.7





#83

Chrysene

Concen: 10.440 ng

RT: 21.902 min Scan# 31

Delta R.T. -0.017 min

Lab File: BG055880.D

Acq: 2 Dec 2022 19:09

Instrument :

BNA_G

ClientSampleId :

SB-1-STOCK

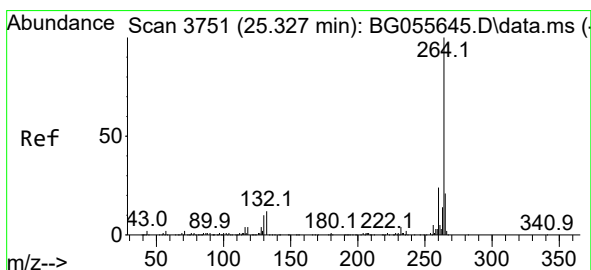
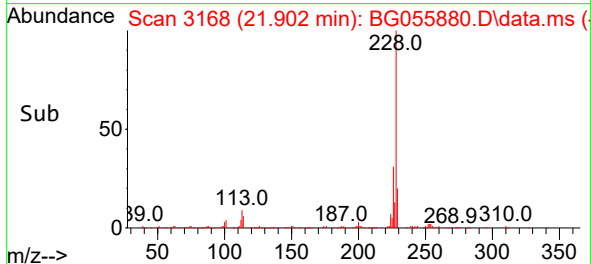
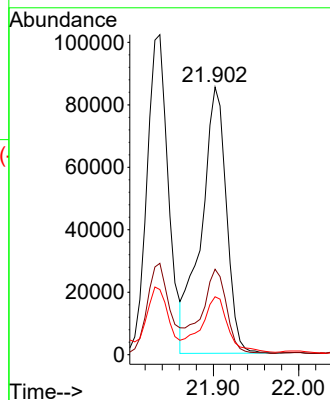
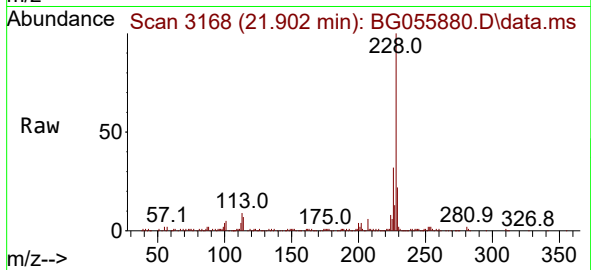
Tgt Ion:228 Resp: 174576

Ion Ratio Lower Upper

228 100

226 31.9 25.4 38.2

229 21.6 17.1 25.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.227 min Scan# 3734

Delta R.T. -0.023 min

Lab File: BG055880.D

Acq: 2 Dec 2022 19:09

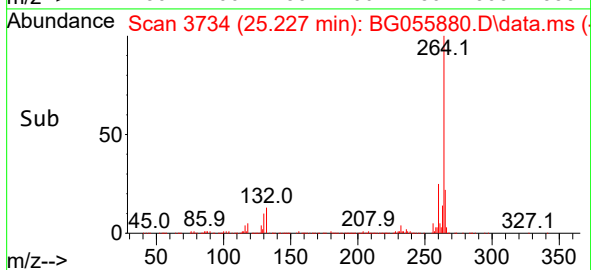
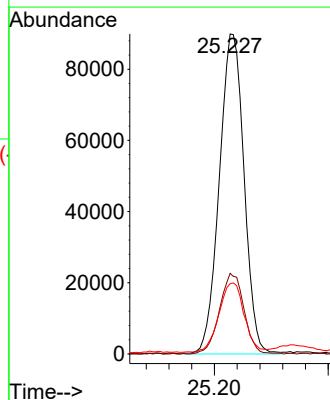
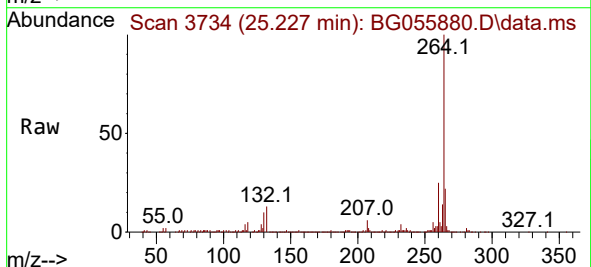
Tgt Ion:264 Resp: 271630

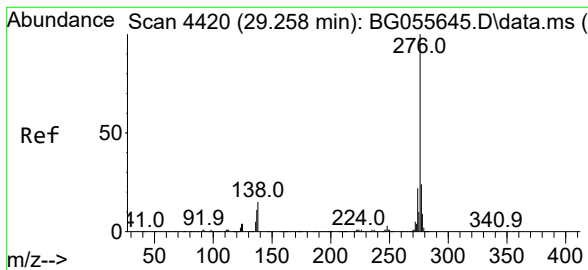
Ion Ratio Lower Upper

264 100

260 25.2 19.5 29.3

265 22.0 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.829 ng

RT: 29.111 min Scan# 41

Delta R.T. -0.040 min

Lab File: BG055880.D

Acq: 2 Dec 2022 19:09

Instrument :

BNA_G

ClientSampleId :

SB-1-STOCK

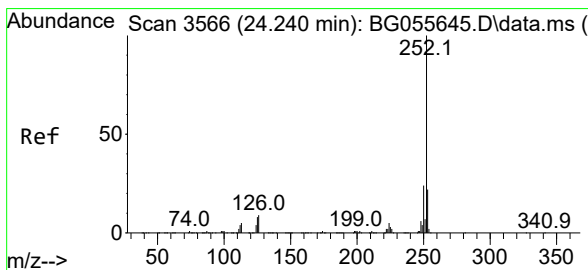
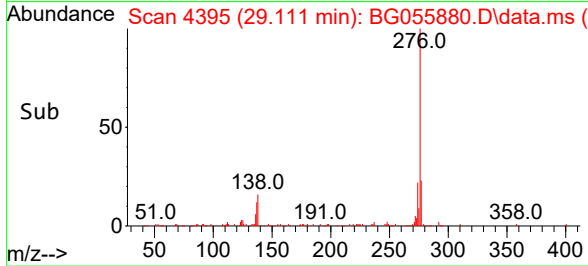
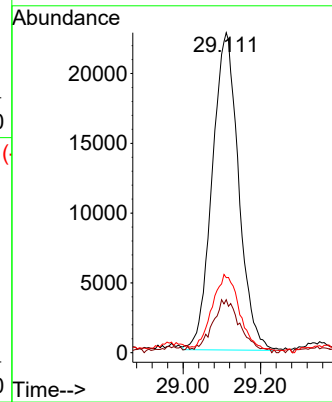
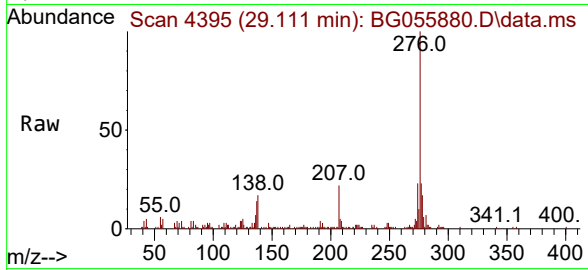
Tgt Ion:276 Resp: 107461

Ion Ratio Lower Upper

276 100

138 17.8 10.4 15.6#

277 24.7 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 15.175 ng

RT: 24.152 min Scan# 3551

Delta R.T. -0.017 min

Lab File: BG055880.D

Acq: 2 Dec 2022 19:09

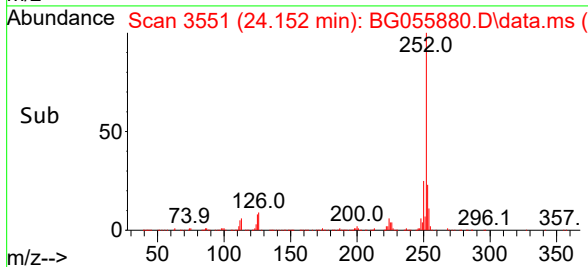
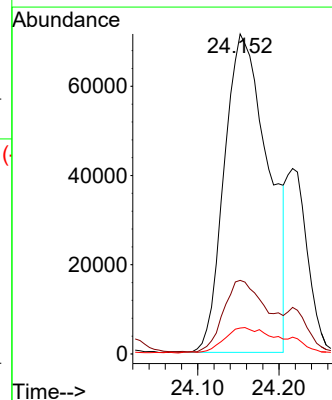
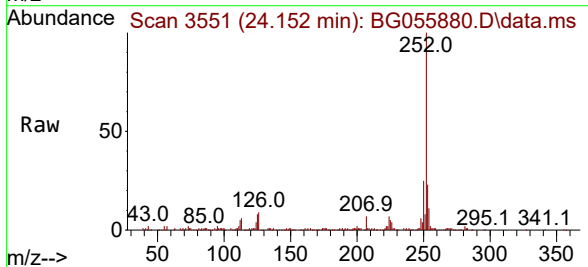
Tgt Ion:252 Resp: 268451

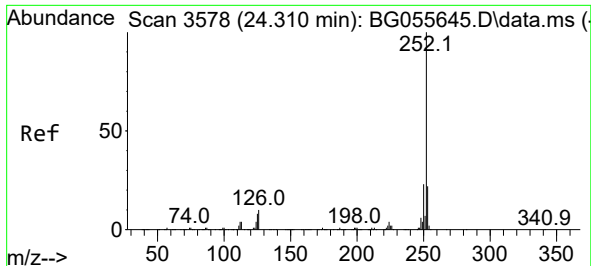
Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

125 8.1 6.2 9.2

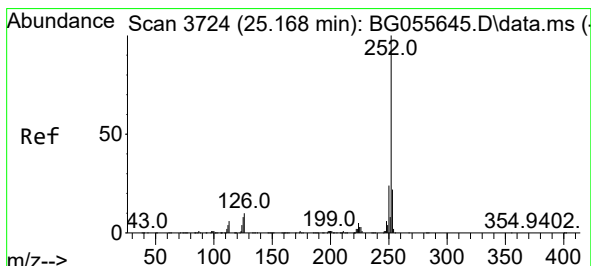
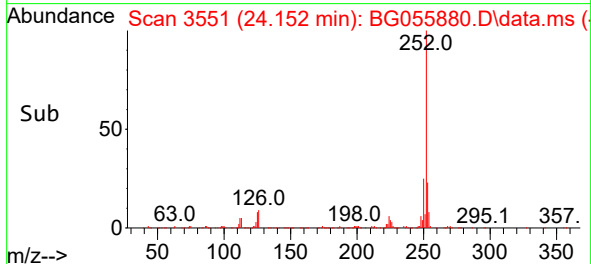
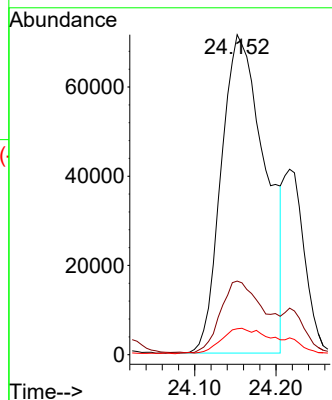
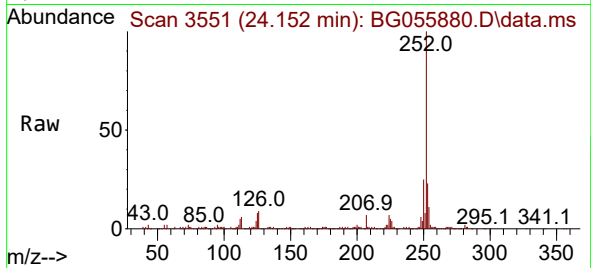




#89
Benzo(k)fluoranthene
Concen: 15.224 ng
RT: 24.152 min Scan# 31
Delta R.T. -0.087 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

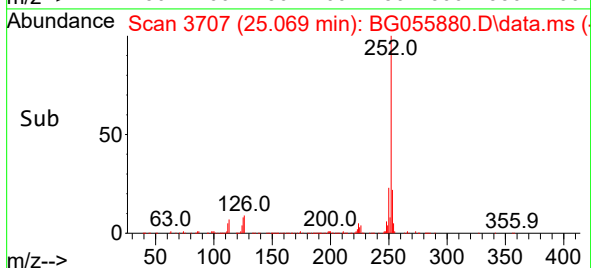
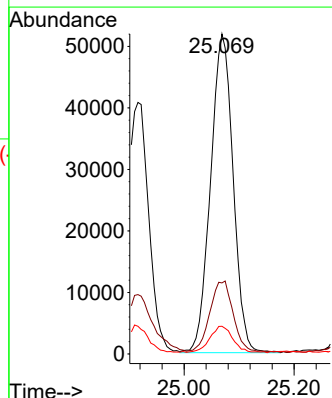
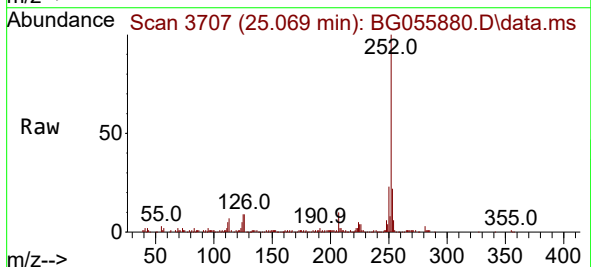
Instrument :
BNA_G
ClientSampleId :
SB-1-STOCK

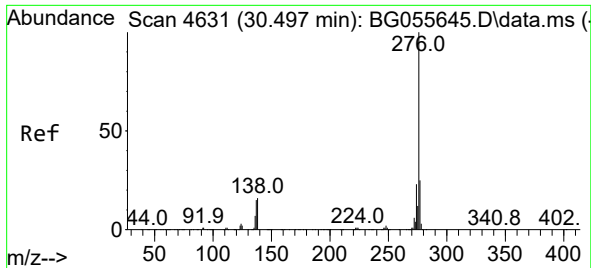
Tgt Ion:252 Resp: 268451
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 8.1 6.1 9.1



#90
Benzo(a)pyrene
Concen: 9.714 ng
RT: 25.069 min Scan# 3707
Delta R.T. -0.023 min
Lab File: BG055880.D
Acq: 2 Dec 2022 19:09

Tgt Ion:252 Resp: 147467
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 8.7 6.4 9.6





#92
 Benzo(g,h,i)perylene
 Concen: 5.007 ng
 RT: 30.321 min Scan# 4
 Delta R.T. -0.052 min
 Lab File: BG055880.D
 Acq: 2 Dec 2022 19:09

Instrument :
 BNA_G
 ClientSampleId :
 SB-1-STOCK

Tgt Ion:276 Resp: 91765
 Ion Ratio Lower Upper
 276 100
 277 26.0 19.8 29.6
 138 18.4 13.1 19.7

