

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055178.D
 Acq On : 14 Oct 2022 14:52
 Operator : CG/JU
 Sample : N5102-01RE 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-1-101122RE

Quant Time: Oct 14 16:18:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

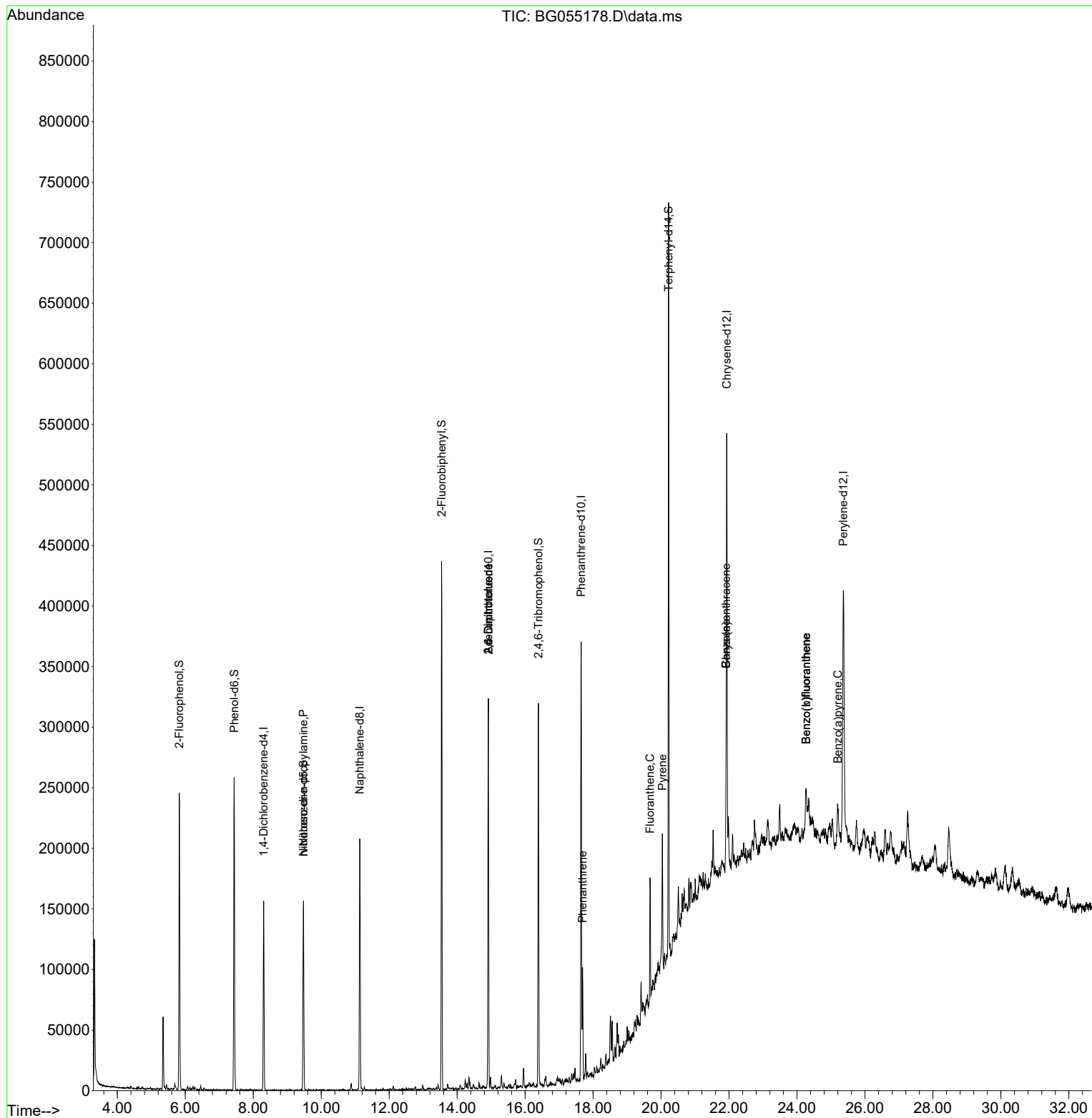
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	44934	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	180699	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	116650	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	239512	20.000	ng	0.00
76) Chrysene-d12	21.931	240	218886	20.000	ng	0.00
86) Perylene-d12	25.362	264	237661	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	108643	47.304	ng	0.00
7) Phenol-d6	7.436	99	145464	42.816	ng	0.00
23) Nitrobenzene-d5	9.475	82	92982	27.593	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	69062	41.203	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	230341	32.257	ng	0.00
79) Terphenyl-d14	20.221	244	322830	29.704	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.475	70	13129	4.788	ng	# 77
51) 2,6-Dinitrotoluene	14.916	165	15801	8.189	ng	# 23
57) 2,4-Dinitrotoluene	14.916	165	15801	5.591	ng	# 24
71) Phenanthrene	17.689	178	57902	4.661	ng	98
75) Fluoranthene	19.675	202	65435	4.214	ng	98
78) Pyrene	20.039	202	70744	4.848	ng	99
81) Benzo(a)anthracene	21.913	228	34504	2.464	ng	95
83) Chrysene	21.913	228	34504	2.612	ng	97
88) Benzo(b)fluoranthene	24.269	252	47756	3.371	ng	# 82
89) Benzo(k)fluoranthene	24.269	252	47756	3.356	ng	# 82
90) Benzo(a)pyrene	25.198	252	35617	2.940	ng	# 85

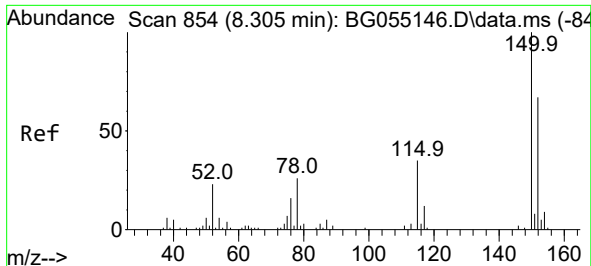
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
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Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE

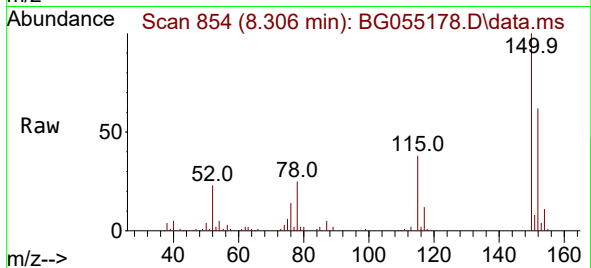
Quant Time: Oct 14 16:18:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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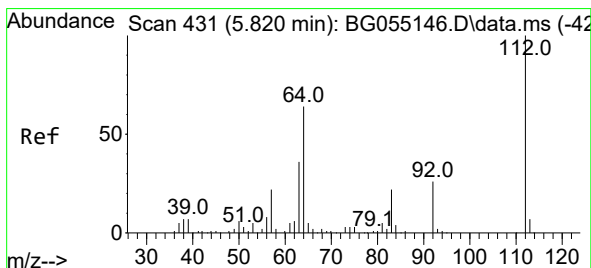
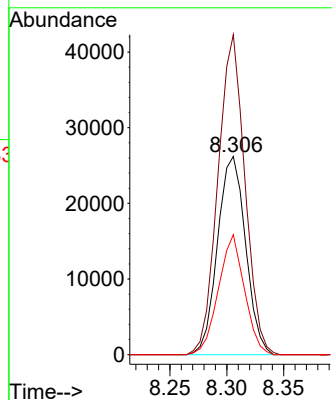
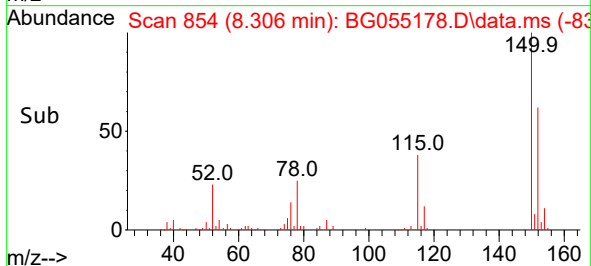


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

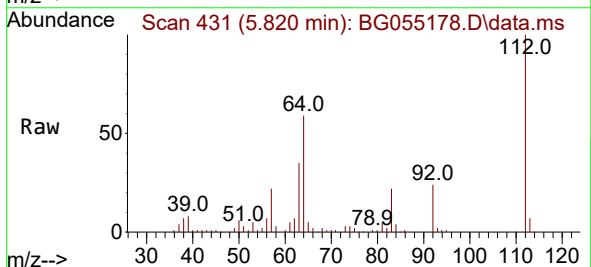
Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE



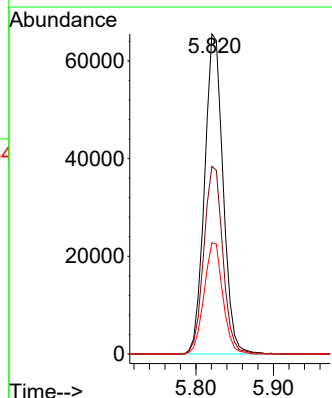
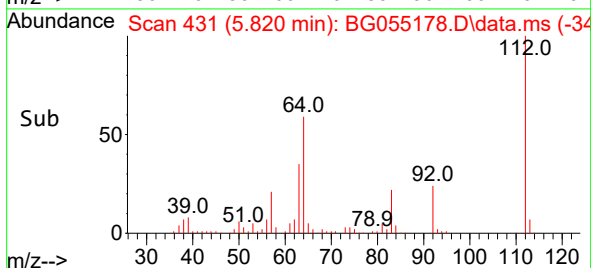
Tgt Ion:152 Resp: 44934
Ion Ratio Lower Upper
152 100
150 161.4 119.7 179.5
115 60.5 42.4 63.6

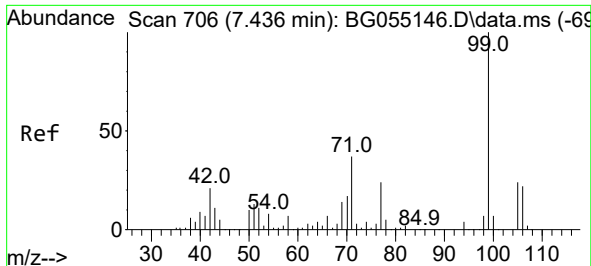


#5
2-Fluorophenol
Concen: 47.304 ng
RT: 5.820 min Scan# 431
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52



Tgt Ion:112 Resp: 108643
Ion Ratio Lower Upper
112 100
64 58.6 50.9 76.3
63 34.8 29.0 43.6

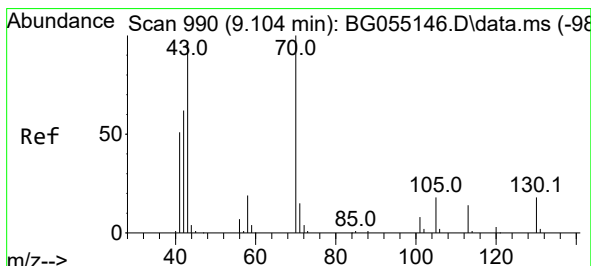
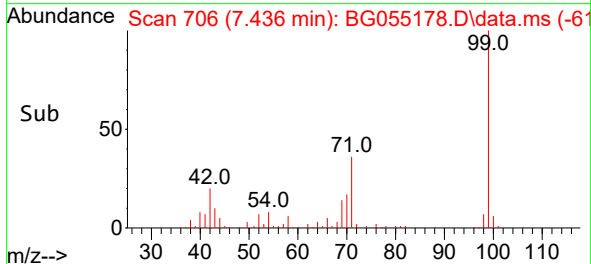
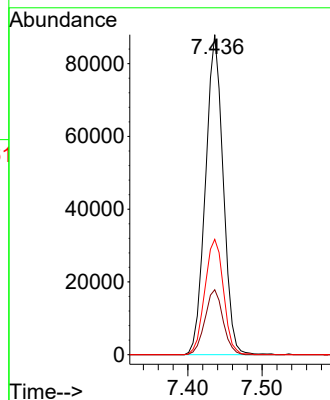
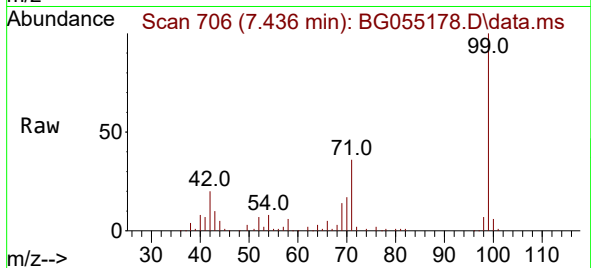




#7
Phenol-d6
Concen: 42.816 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

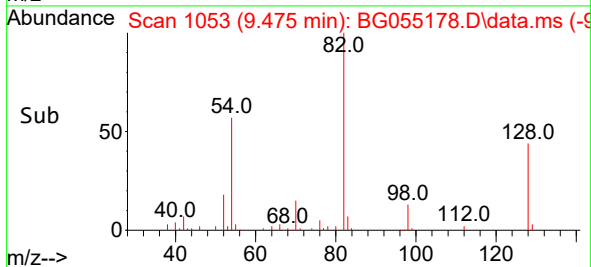
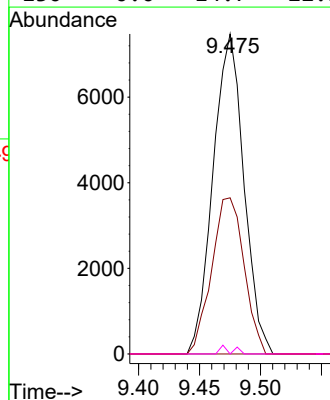
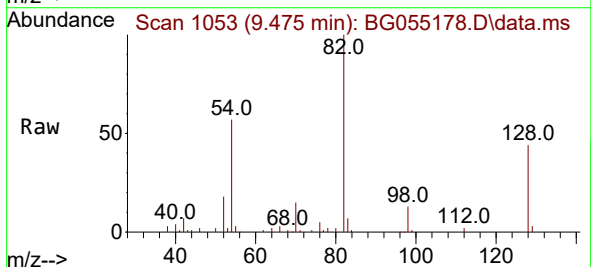
Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE

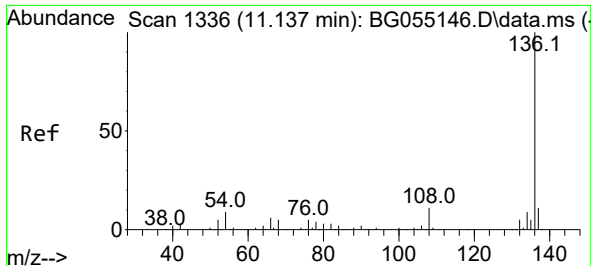
Tgt Ion: 99 Resp: 145464
Ion Ratio Lower Upper
99 100
42 20.3 16.6 25.0
71 36.1 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.788 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.371 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

Tgt Ion: 70 Resp: 13129
Ion Ratio Lower Upper
70 100
42 48.8 50.1 75.1#
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#

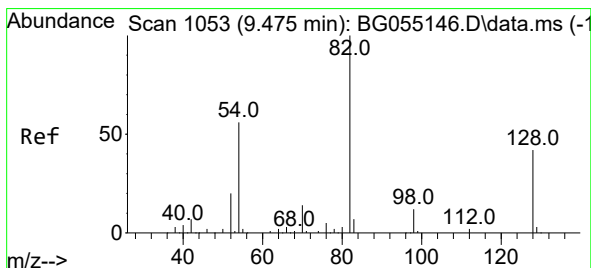
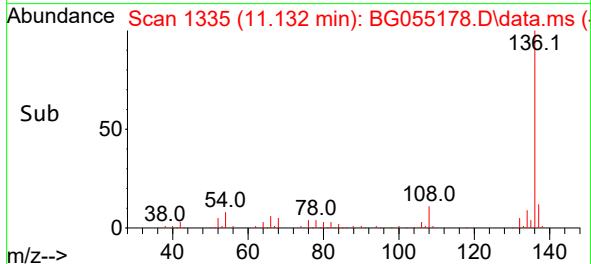
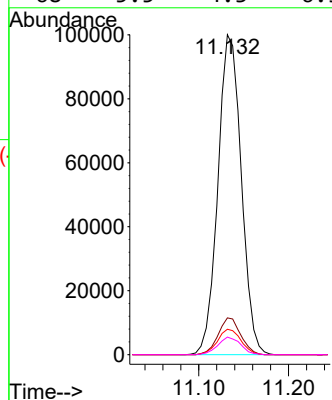
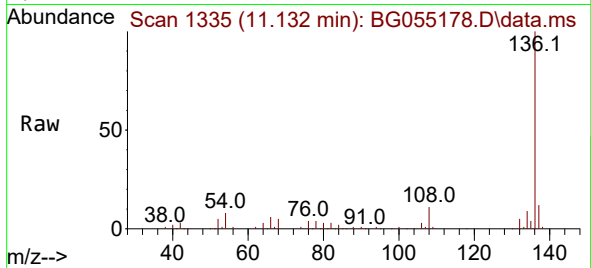




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

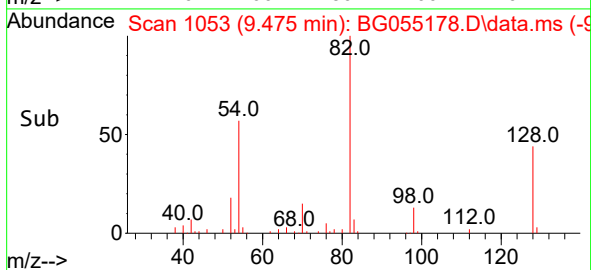
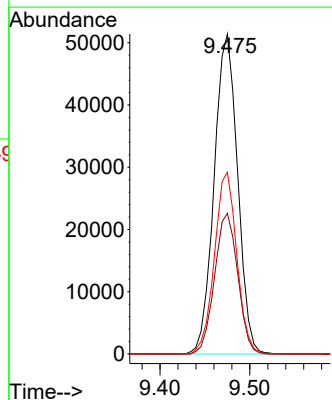
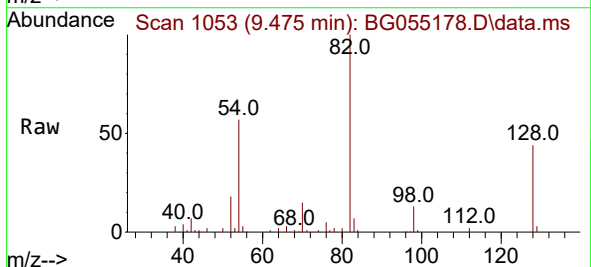
Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE

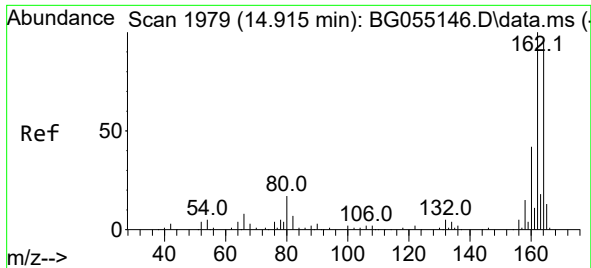
Tgt Ion:136 Resp: 180699
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.9 7.0 10.6
68 5.5 4.3 6.5



#23
Nitrobenzene-d5
Concen: 27.593 ng
RT: 9.475 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

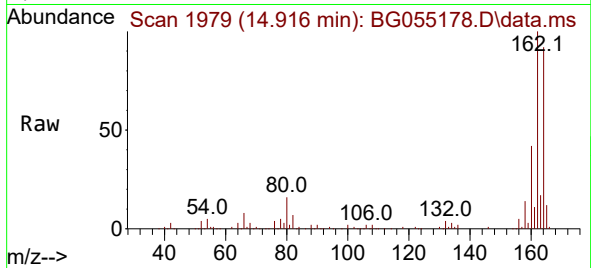
Tgt Ion: 82 Resp: 92982
Ion Ratio Lower Upper
82 100
128 44.0 33.5 50.3
54 56.7 44.7 67.1



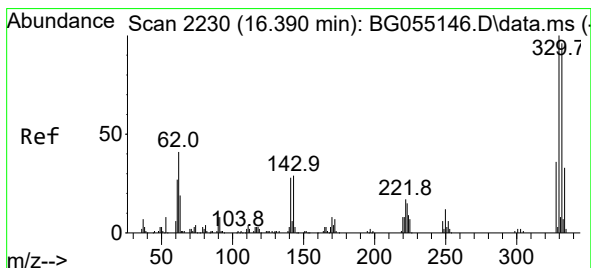
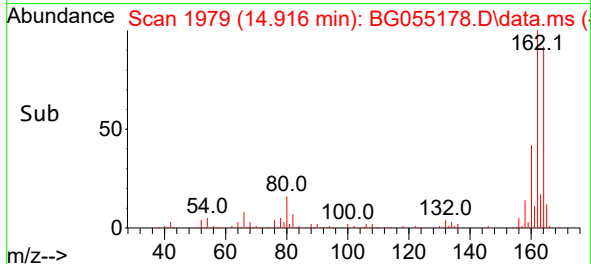
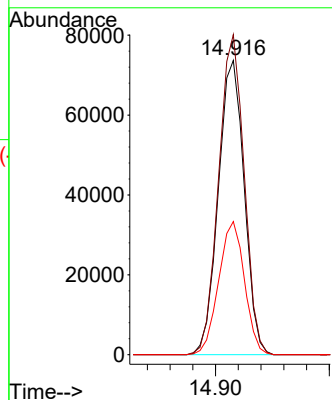


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.916 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE

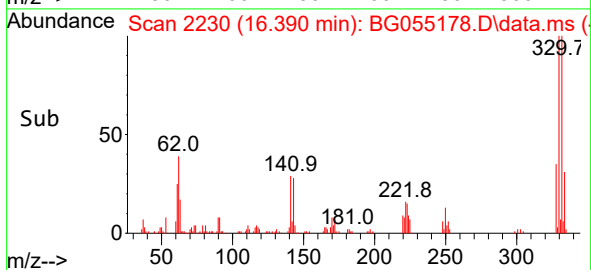
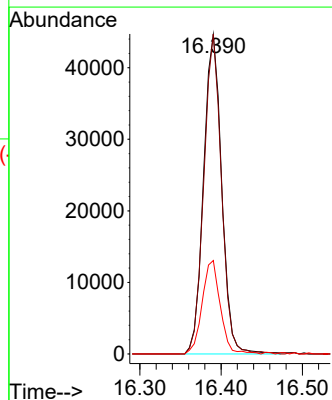
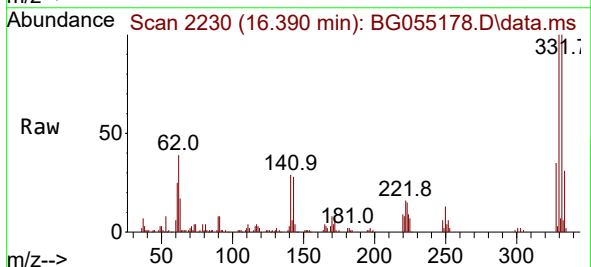


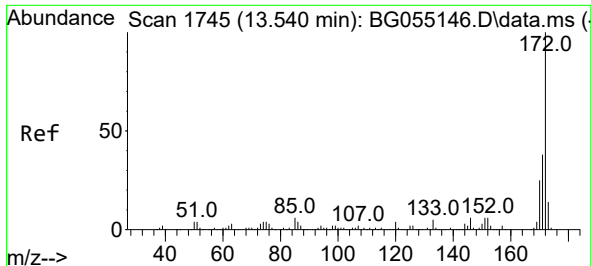
Tgt Ion:164 Resp: 116650
Ion Ratio Lower Upper
164 100
162 108.8 83.3 124.9
160 45.3 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 41.203 ng
RT: 16.390 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

Tgt Ion:330 Resp: 69062
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 29.2 24.6 36.8

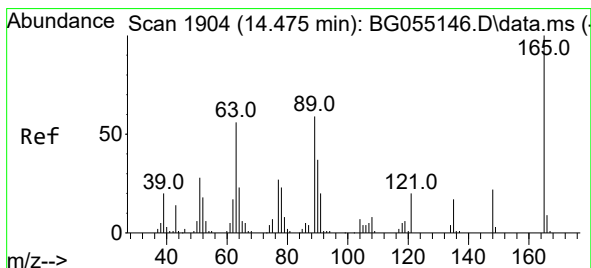
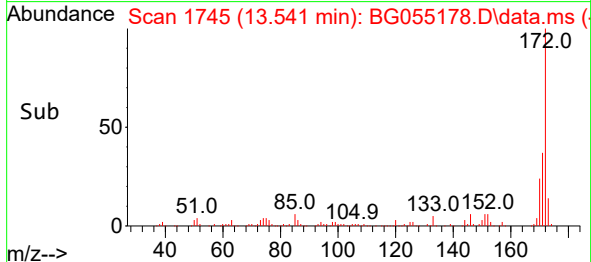
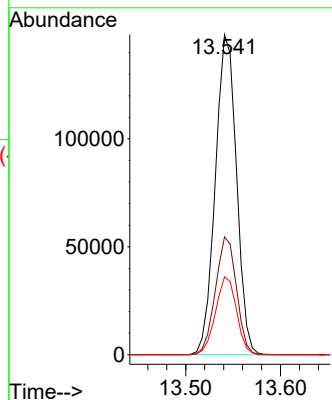
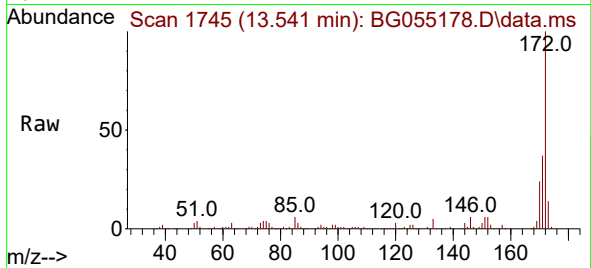




#45
2-Fluorobiphenyl
Concen: 32.257 ng
RT: 13.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

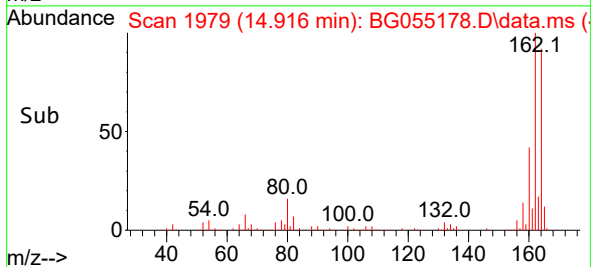
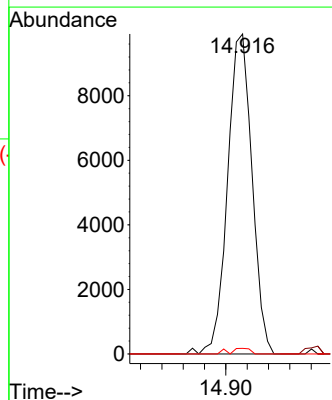
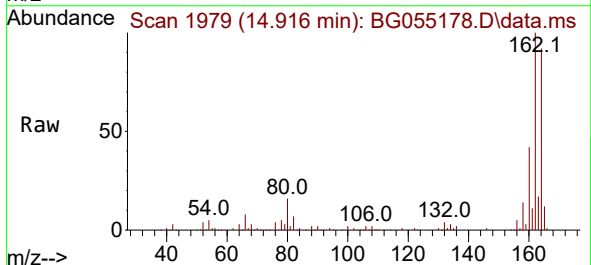
Instrument :
BNA_G
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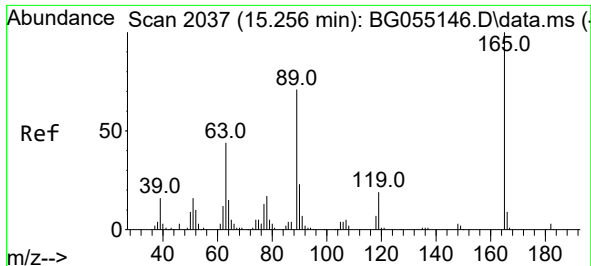
Tgt Ion:172 Resp: 230341
Ion Ratio Lower Upper
172 100
171 36.8 30.1 45.1
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.189 ng
RT: 14.916 min Scan# 1979
Delta R.T. 0.441 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

Tgt Ion:165 Resp: 15801
Ion Ratio Lower Upper
165 100
63 0.0 46.6 70.0#
89 1.8 47.6 71.4#





#57

2,4-Dinitrotoluene

Concen: 5.591 ng

RT: 14.916 min Scan# 14

Delta R.T. -0.340 min

Lab File: BG055178.D

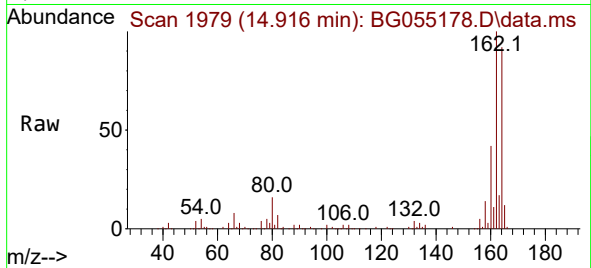
Acq: 14 Oct 2022 14:52

Instrument :

BNA_G

ClientSampleId :

CL-1-101122RE



Tgt Ion:165 Resp: 15801

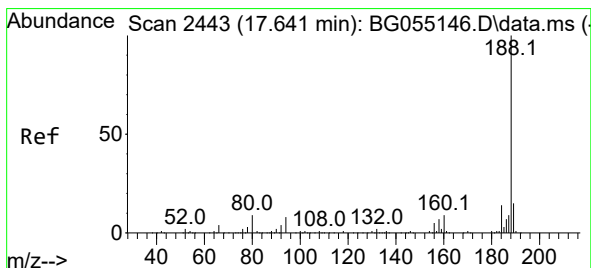
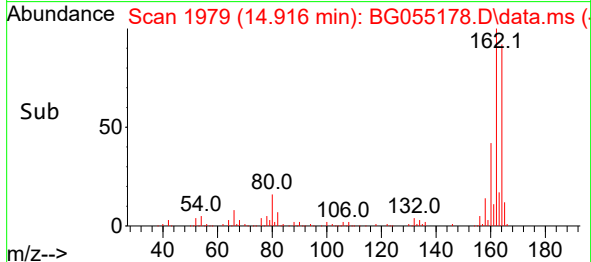
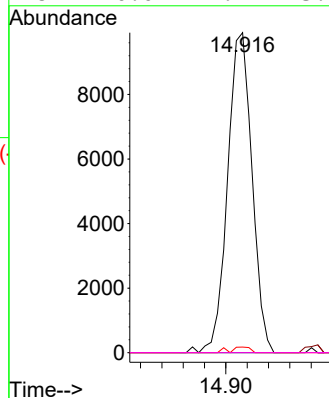
Ion Ratio Lower Upper

165 100

63 0.0 35.6 53.4#

89 1.8 56.4 84.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.648 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BG055178.D

Acq: 14 Oct 2022 14:52

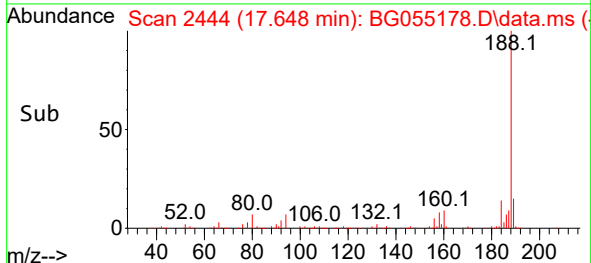
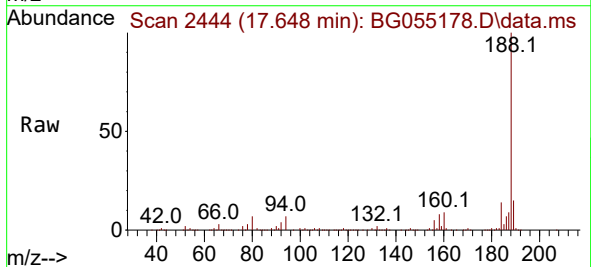
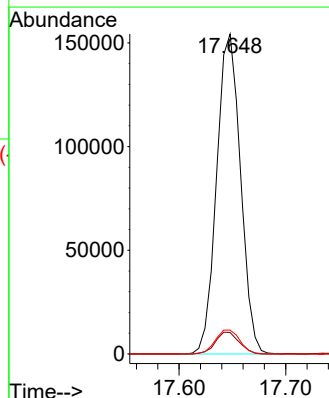
Tgt Ion:188 Resp: 239512

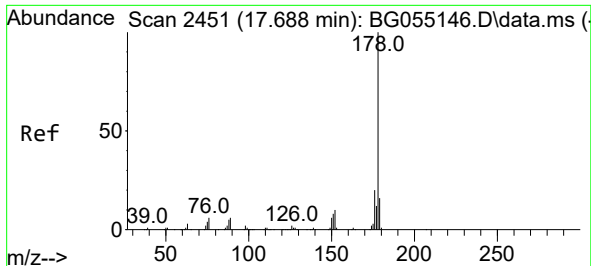
Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.2

80 7.5 7.0 10.6

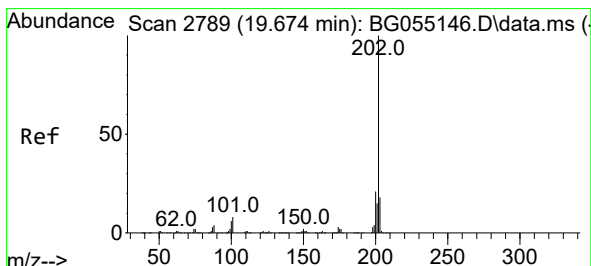
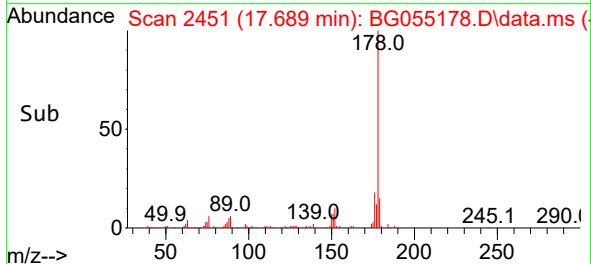
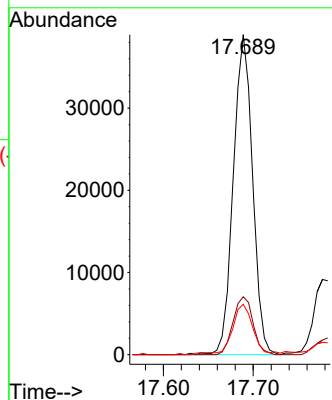
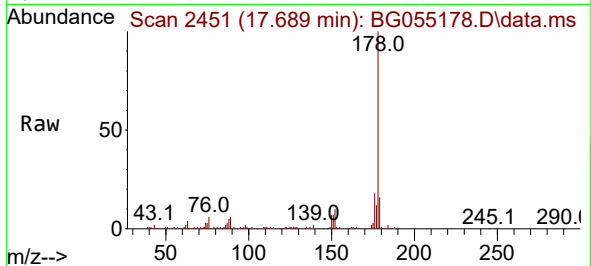




#71
Phenanthrene
Concen: 4.661 ng
RT: 17.689 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

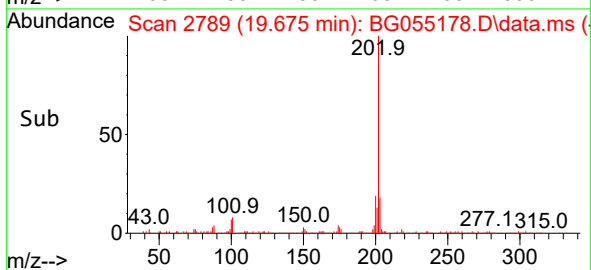
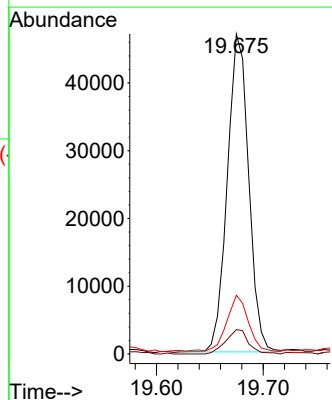
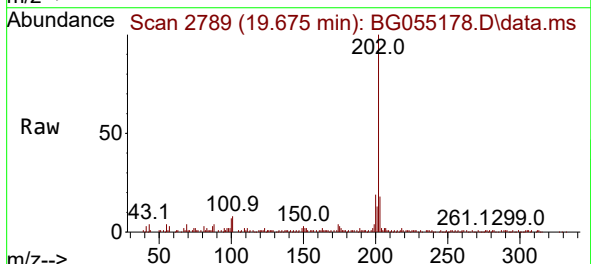
Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE

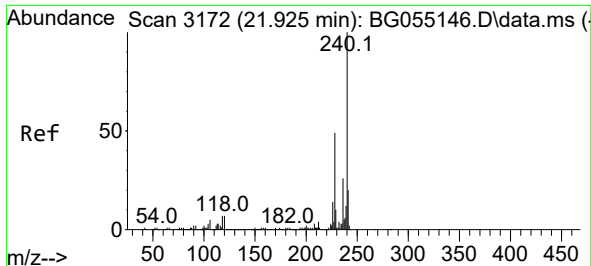
Tgt Ion:178 Resp: 57902
Ion Ratio Lower Upper
178 100
176 18.1 16.0 24.0
179 15.8 12.7 19.1



#75
Fluoranthene
Concen: 4.214 ng
RT: 19.675 min Scan# 2789
Delta R.T. 0.000 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

Tgt Ion:202 Resp: 65435
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.4
203 18.4 0.0 37.8

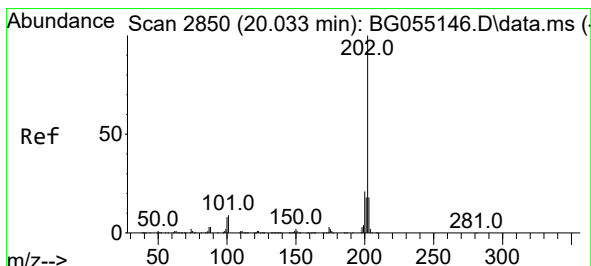
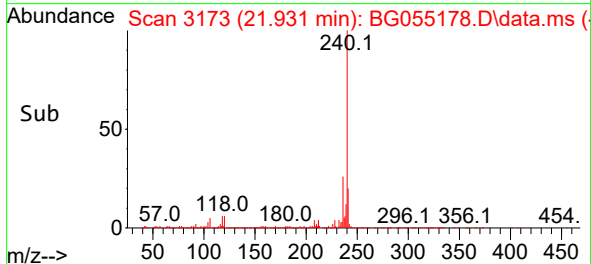
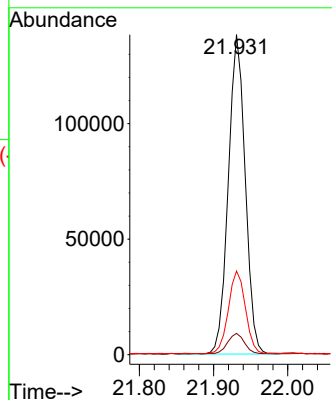
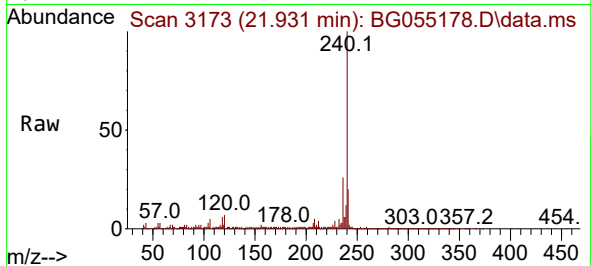




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

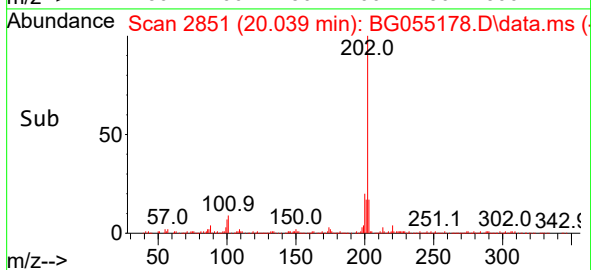
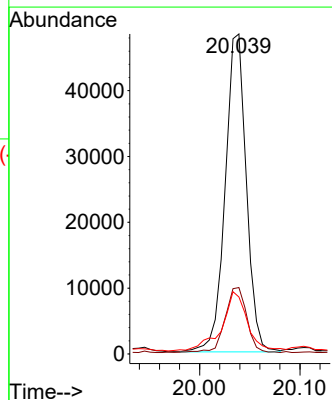
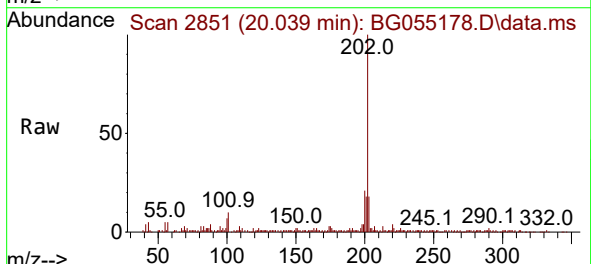
Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE

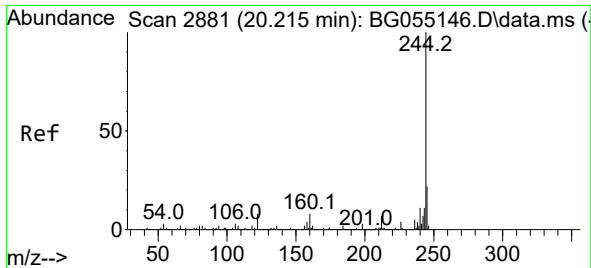
Tgt Ion:240 Resp: 218886
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 26.2 20.6 31.0



#78
Pyrene
Concen: 4.848 ng
RT: 20.039 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

Tgt Ion:202 Resp: 70744
Ion Ratio Lower Upper
202 100
200 20.8 16.9 25.3
203 17.8 14.4 21.6

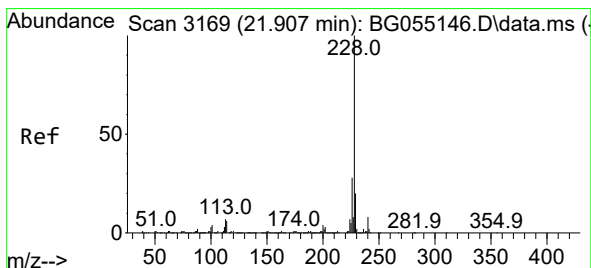
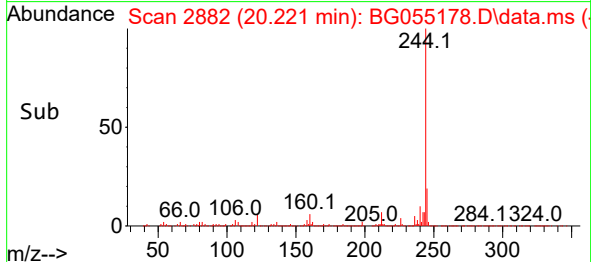
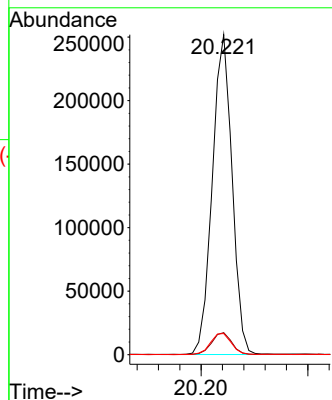
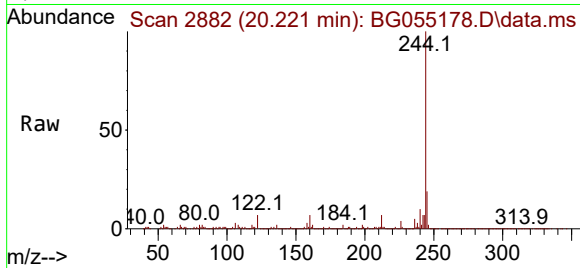




#79
 Terphenyl-d14
 Concen: 29.704 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055178.D
 Acq: 14 Oct 2022 14:52

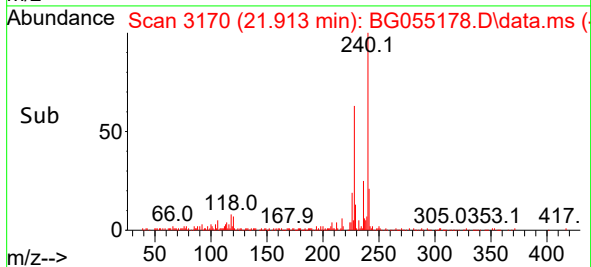
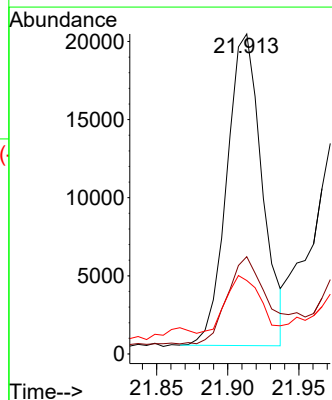
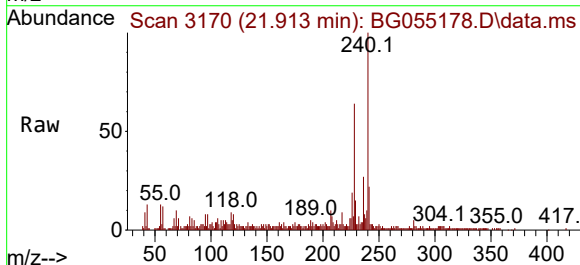
Instrument :
 BNA_G
 ClientSampleId :
 CL-1-101122RE

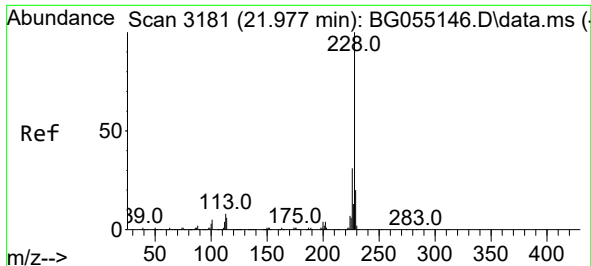
Tgt Ion:244 Resp: 322830
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 6.6 6.6 10.0#



#81
 Benzo(a)anthracene
 Concen: 2.464 ng
 RT: 21.913 min Scan# 3170
 Delta R.T. 0.006 min
 Lab File: BG055178.D
 Acq: 14 Oct 2022 14:52

Tgt Ion:228 Resp: 34504
 Ion Ratio Lower Upper
 228 100
 226 30.4 22.6 34.0
 229 22.9 16.2 24.4





#83

Chrysene

Concen: 2.612 ng

RT: 21.913 min Scan# 31

Delta R.T. -0.064 min

Lab File: BG055178.D

Acq: 14 Oct 2022 14:52

Instrument :

BNA_G

ClientSampleId :

CL-1-101122RE

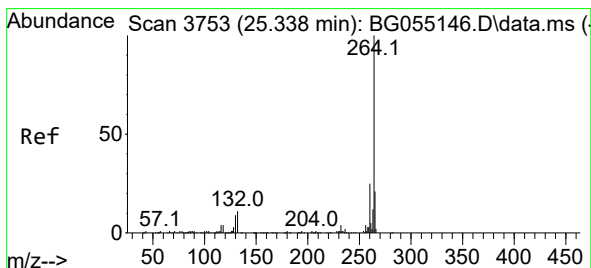
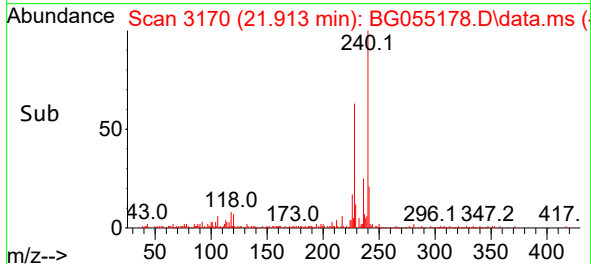
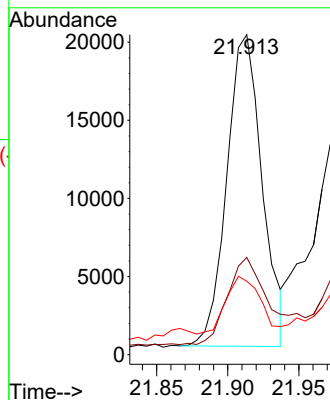
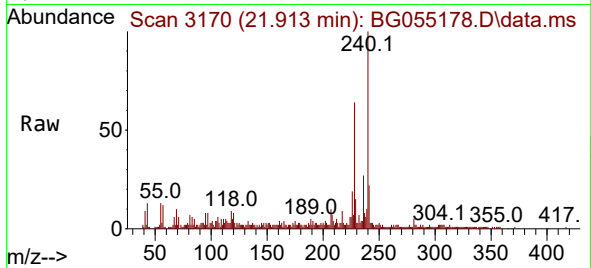
Tgt Ion:228 Resp: 34504

Ion Ratio Lower Upper

228 100

226 30.4 25.1 37.7

229 22.9 16.2 24.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.362 min Scan# 3757

Delta R.T. 0.024 min

Lab File: BG055178.D

Acq: 14 Oct 2022 14:52

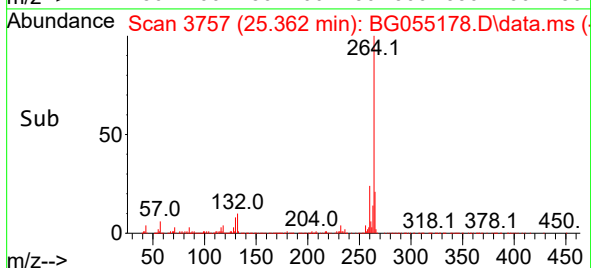
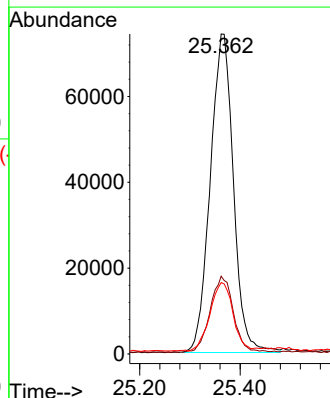
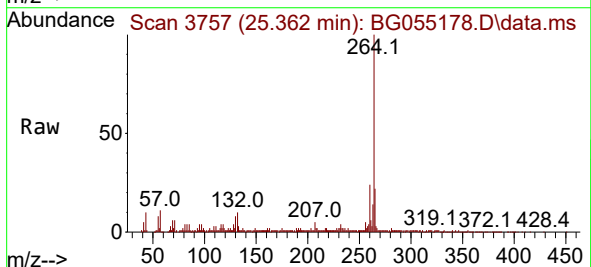
Tgt Ion:264 Resp: 237661

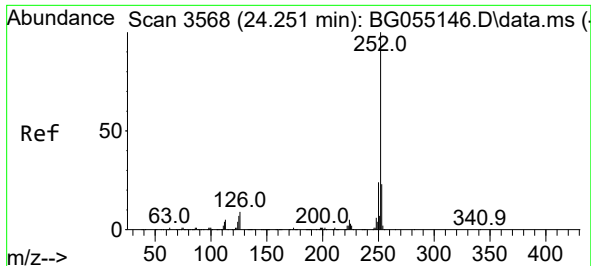
Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

265 22.3 16.8 25.2

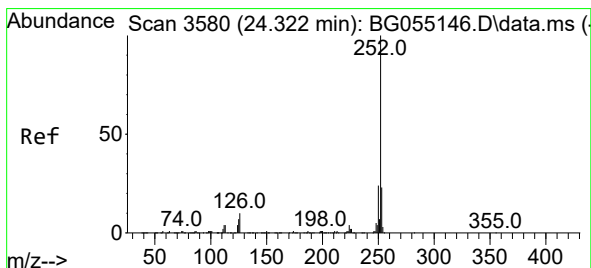
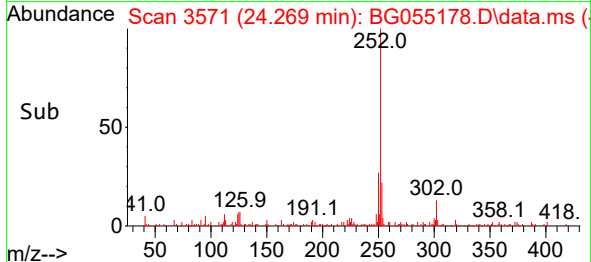
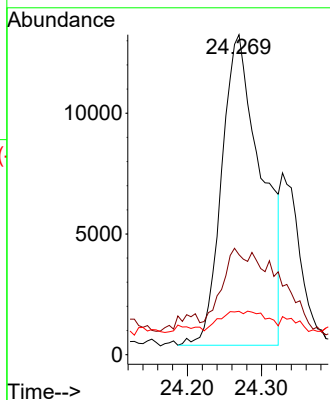
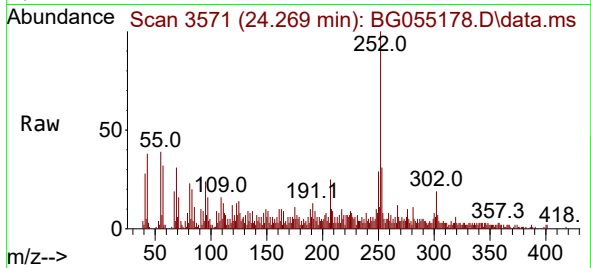




#88
Benzo(b)fluoranthene
Concen: 3.371 ng
RT: 24.269 min Scan# 3571
Delta R.T. 0.018 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

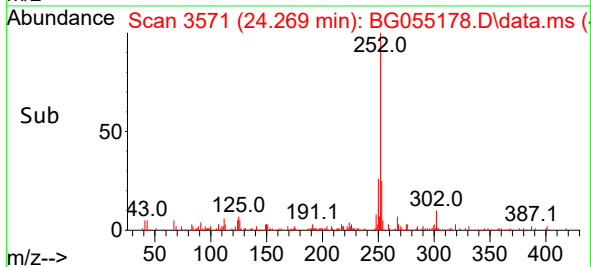
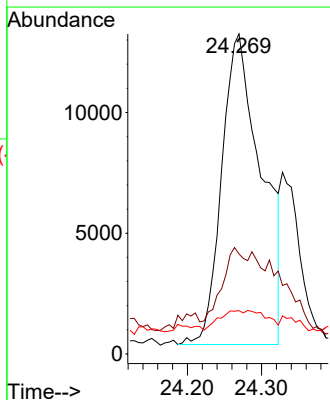
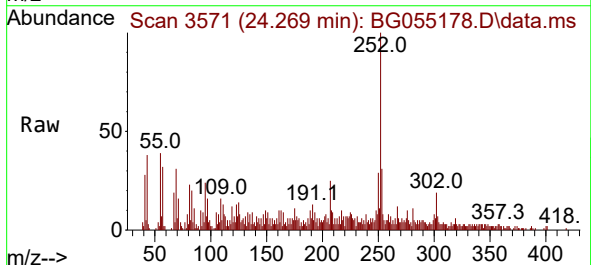
Instrument :
BNA_G
ClientSampleId :
CL-1-101122RE

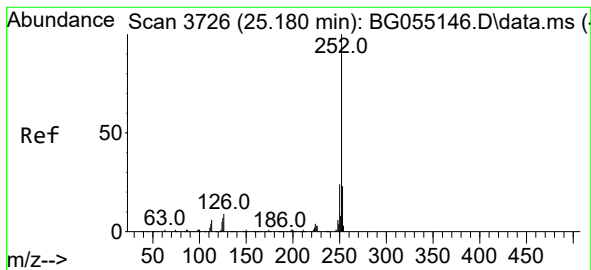
Tgt Ion:252 Resp: 47756
Ion Ratio Lower Upper
252 100
253 31.2 18.2 27.2#
125 13.6 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 3.356 ng
RT: 24.269 min Scan# 3571
Delta R.T. -0.052 min
Lab File: BG055178.D
Acq: 14 Oct 2022 14:52

Tgt Ion:252 Resp: 47756
Ion Ratio Lower Upper
252 100
253 31.2 18.0 27.0#
125 13.6 5.8 8.6#





#90

Benzo(a)pyrene

Concen: 2.940 ng

RT: 25.198 min Scan# 31

Delta R.T. 0.018 min

Lab File: BG055178.D

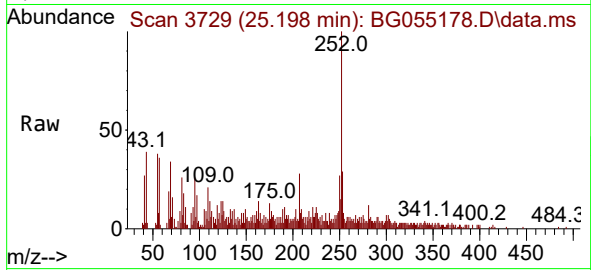
Acq: 14 Oct 2022 14:52

Instrument :

BNA_G

ClientSampleId :

CL-1-101122RE



Tgt Ion:252 Resp: 35617

Ion Ratio Lower Upper

252 100

253 29.3 18.2 27.2#

125 14.0 5.8 8.8#

