

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055281.D
 Acq On : 25 Oct 2022 18:32
 Operator : CG/JU
 Sample : N5254-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:45:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

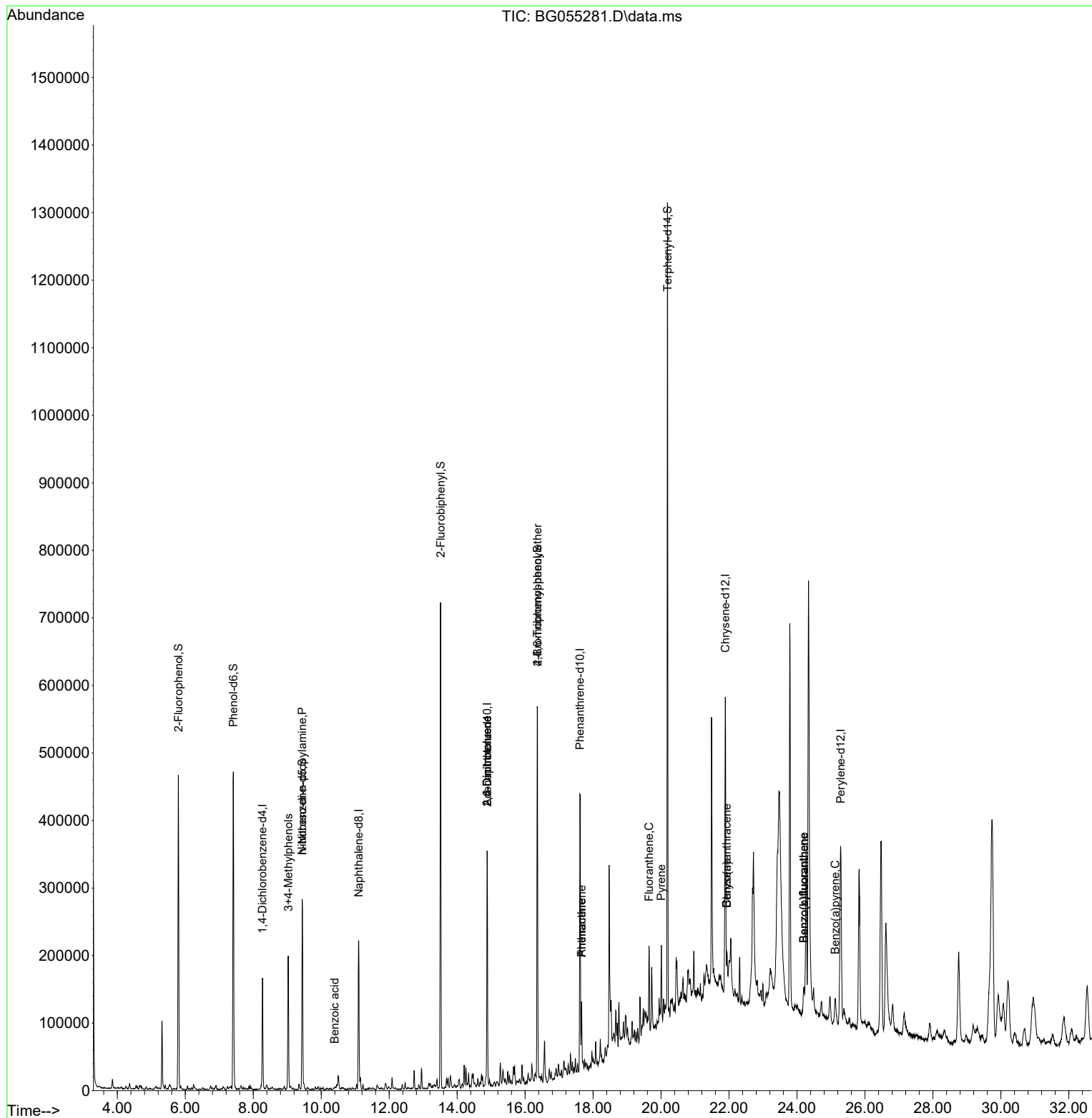
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	46083	20.000	ng	0.00
21) Naphthalene-d8	11.104	136	193821	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	117518	20.000	ng	0.00
64) Phenanthrene-d10	17.614	188	256396	20.000	ng	0.00
76) Chrysene-d12	21.892	240	248325	20.000	ng	0.00
86) Perylene-d12	25.288	264	261718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	211025	80.181	ng	0.00
7) Phenol-d6	7.414	99	287120	75.301	ng	0.00
23) Nitrobenzene-d5	9.441	82	178321	46.980	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	99778	78.103	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	357049	49.729	ng	0.00
79) Terphenyl-d14	20.194	244	562331	47.049	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.441	70	24077	7.604	ng	# 79
20) 3+4-Methylphenols	9.030	107	96494	22.305	ng	88
32) Benzoic acid	10.393	122	231	4.245	ng	# 82
51) 2,6-Dinitrotoluene	14.882	165	16354	8.710	ng	# 21
57) 2,4-Dinitrotoluene	14.882	165	16354	6.002	ng	# 19
67) 4-Bromophenyl-phenylether	16.363	248	6766	2.716	ng	# 1
71) Phenanthrene	17.661	178	53703	3.927	ng	99
72) Anthracene	17.661	178	53703	4.017	ng	99
75) Fluoranthene	19.647	202	70369	4.417	ng	98
78) Pyrene	20.006	202	65931	3.873	ng	98
81) Benzo(a)anthracene	21.939	228	44713	2.681	ng	96
83) Chrysene	21.939	228	44713	2.823	ng	96
88) Benzo(b)fluoranthene	24.201	252	52624	3.343	ng	# 91
89) Benzo(k)fluoranthene	24.201	252	52726	3.317	ng	# 93
90) Benzo(a)pyrene	25.123	252	34875	2.583	ng	# 94

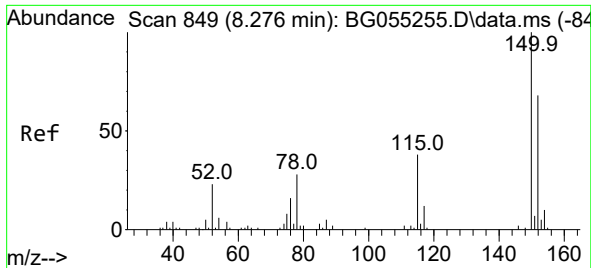
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
Data File : BG055281.D
Acq On : 25 Oct 2022 18:32
Operator : CG/JU
Sample : N5254-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

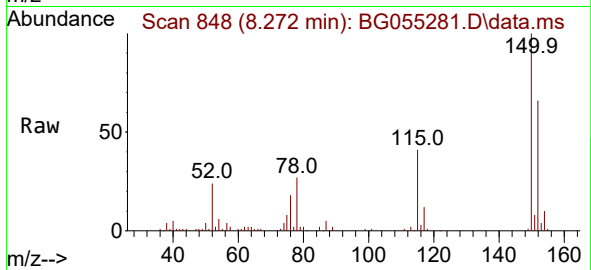
Quant Time: Oct 26 14:45:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration



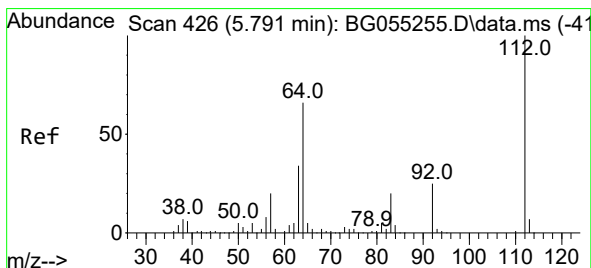
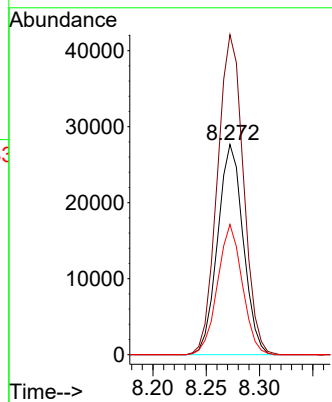
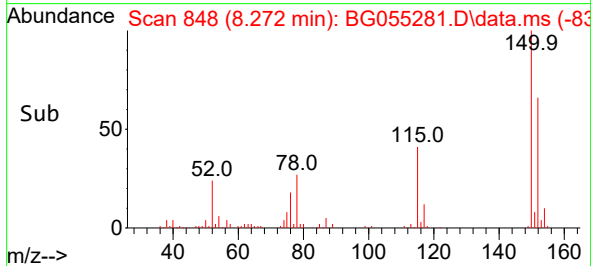


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.272 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

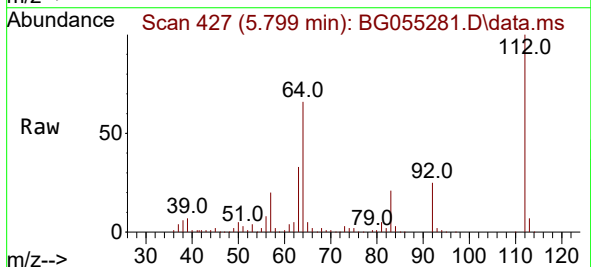
Instrument :
BNA_G
ClientSampleId :



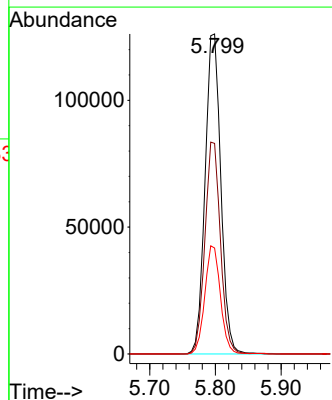
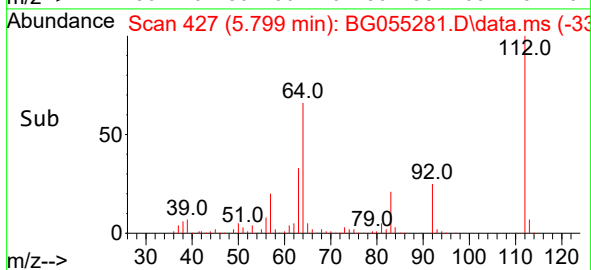
Tgt Ion:152 Resp: 46083
Ion Ratio Lower Upper
152 100
150 152.3 118.2 177.4
115 62.0 44.5 66.7

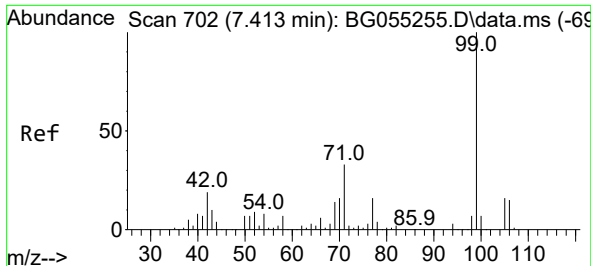


#5
2-Fluorophenol
Concen: 80.181 ng
RT: 5.799 min Scan# 427
Delta R.T. 0.008 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



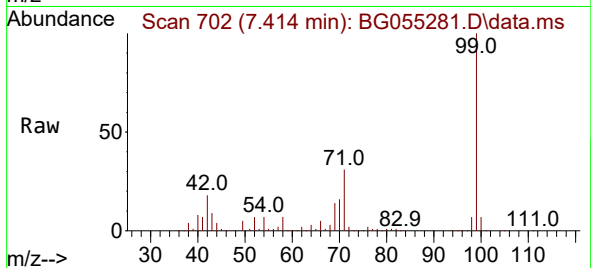
Tgt Ion:112 Resp: 211025
Ion Ratio Lower Upper
112 100
64 65.8 52.6 78.8
63 33.1 27.1 40.7



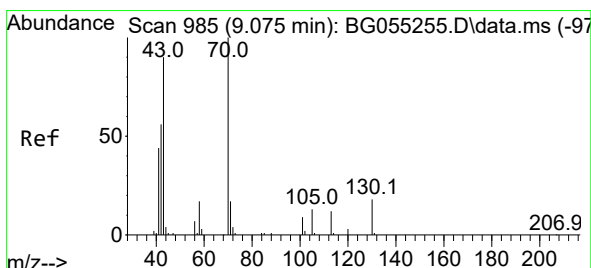
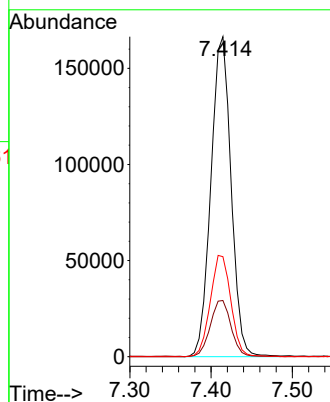
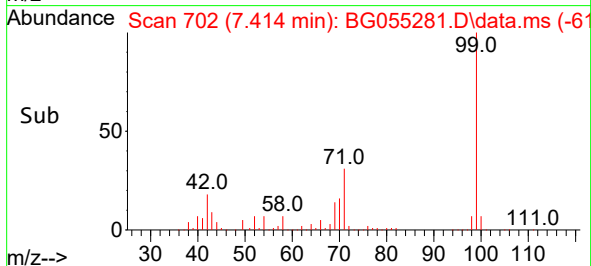


#7
Phenol-d6
Concen: 75.301 ng
RT: 7.414 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

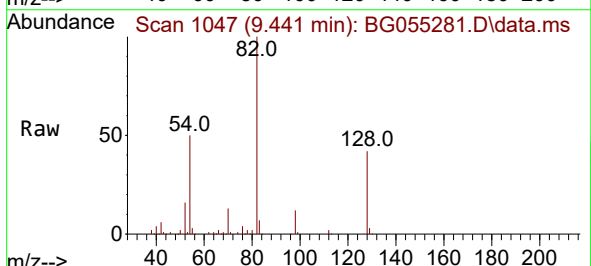
Instrument :
BNA_G
ClientSampleId :



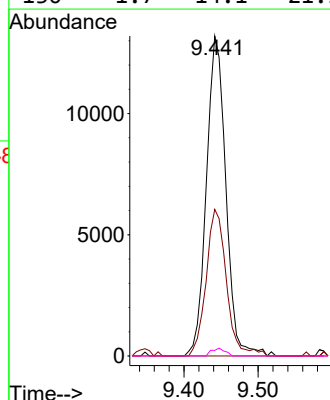
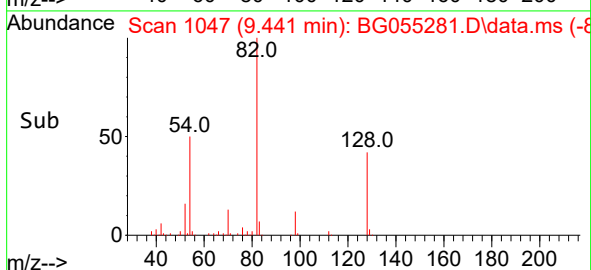
Tgt Ion: 99 Resp: 287120
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 31.3 26.2 39.4

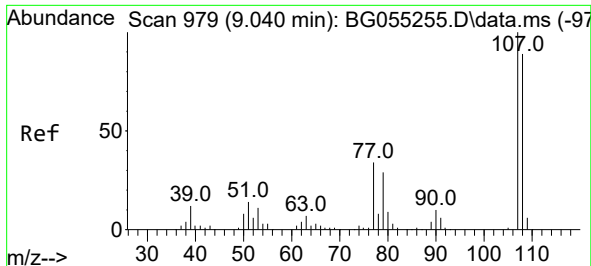


#19
n-Nitroso-di-n-propylamine
Concen: 7.604 ng
RT: 9.441 min Scan# 1047
Delta R.T. 0.366 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



Tgt Ion: 70 Resp: 24077
Ion Ratio Lower Upper
70 100
42 45.8 45.8 68.6
101 0.0 7.4 11.0#
130 1.7 14.1 21.1#





#20

3+4-Methylphenols

Concen: 22.305 ng

RT: 9.030 min Scan# 91

Delta R.T. -0.010 min

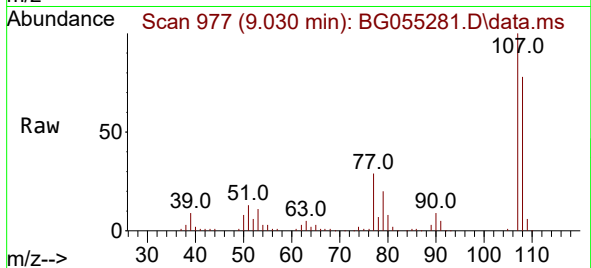
Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:107 Resp: 96494

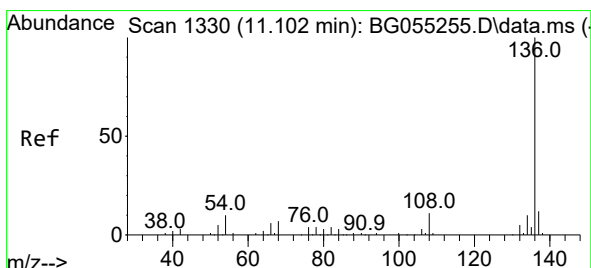
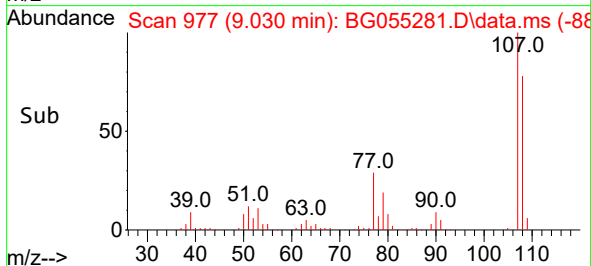
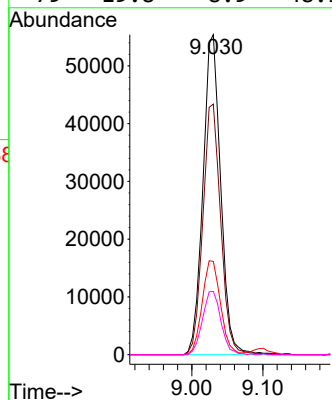
Ion Ratio Lower Upper

107 100

108 78.3 68.5 108.5

77 29.2 14.0 54.0

79 19.8 8.9 48.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.104 min Scan# 1330

Delta R.T. 0.002 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

Tgt Ion:136 Resp: 193821

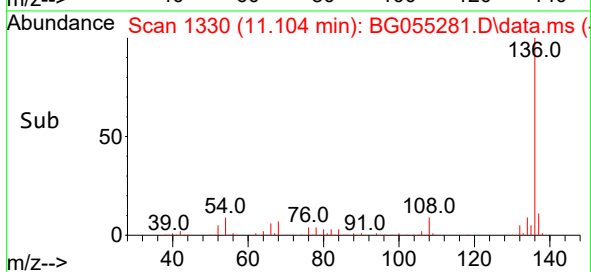
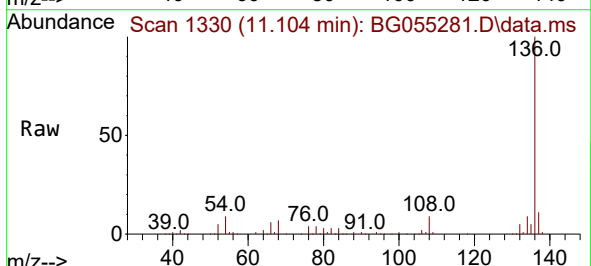
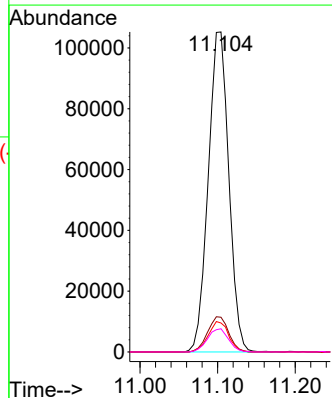
Ion Ratio Lower Upper

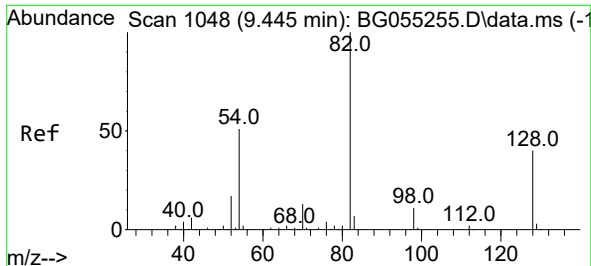
136 100

137 10.8 9.2 13.8

54 9.1 7.8 11.8

68 7.3 5.8 8.6

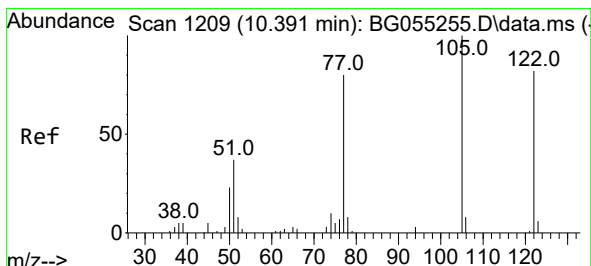
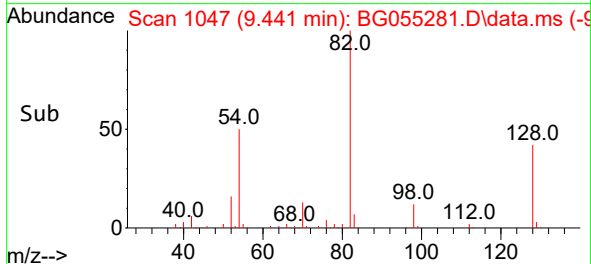
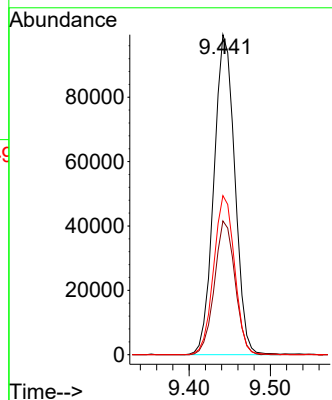
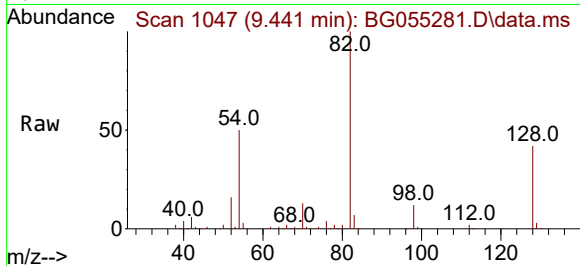




#23
Nitrobenzene-d5
Concen: 46.980 ng
RT: 9.441 min Scan# 1048
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

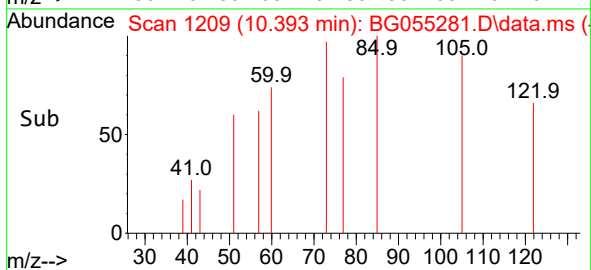
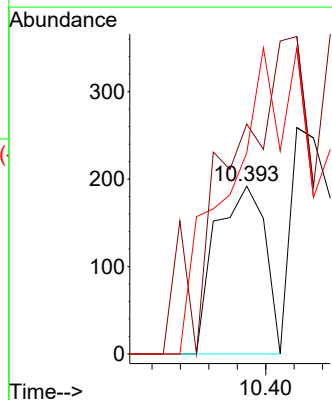
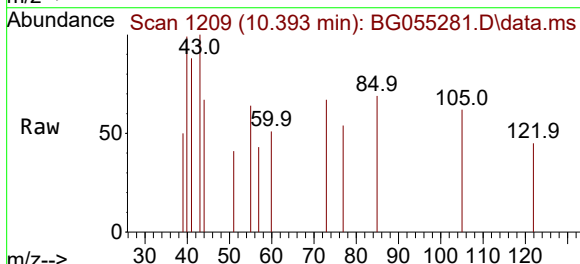
Instrument :
BNA_G
ClientSampleId :

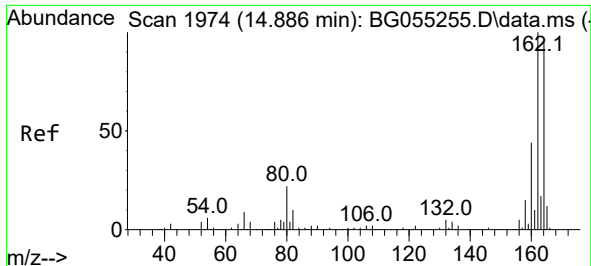
Tgt Ion: 82 Resp: 178321
Ion Ratio Lower Upper
82 100
128 41.8 32.0 48.0
54 49.7 40.9 61.3



#32
Benzoic acid
Concen: 4.245 ng
RT: 10.393 min Scan# 1209
Delta R.T. 0.002 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

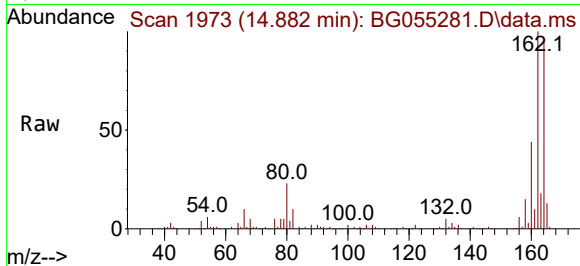
Tgt Ion:122 Resp: 231
Ion Ratio Lower Upper
122 100
105 137.0 101.3 141.3
77 119.8 76.9 116.9#



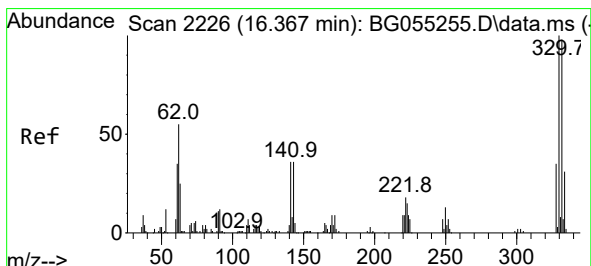
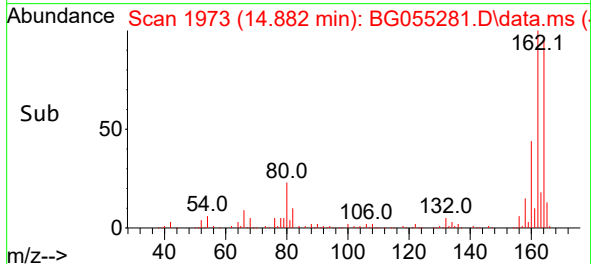
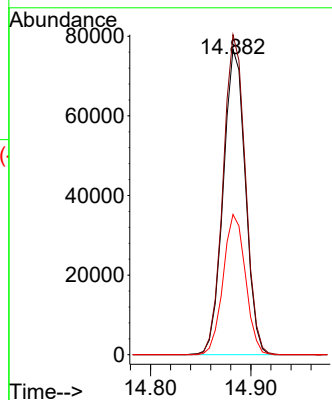


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.882 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

Instrument :
BNA_G
ClientSampleId :

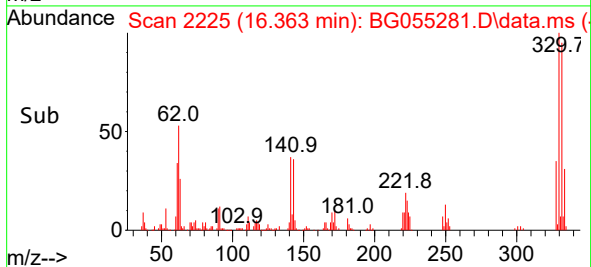
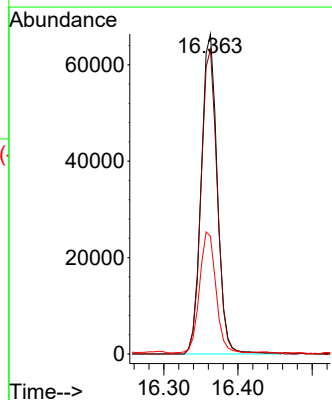
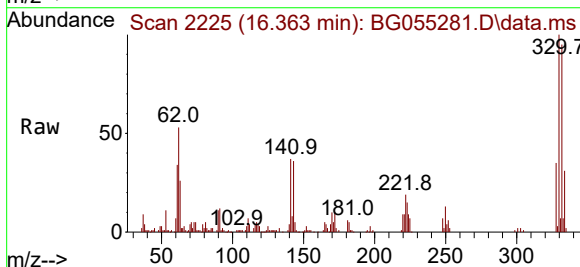


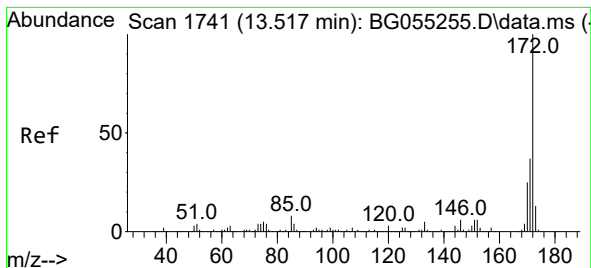
Tgt Ion:164 Resp: 117518
Ion Ratio Lower Upper
164 100
162 104.8 84.0 126.0
160 45.9 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 78.103 ng
RT: 16.363 min Scan# 2225
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

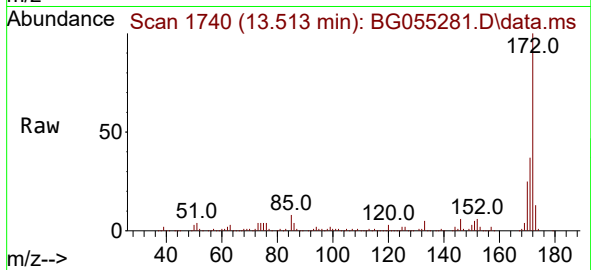
Tgt Ion:330 Resp: 99778
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 38.8 29.8 44.8



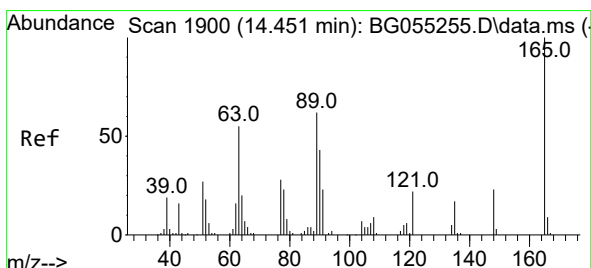
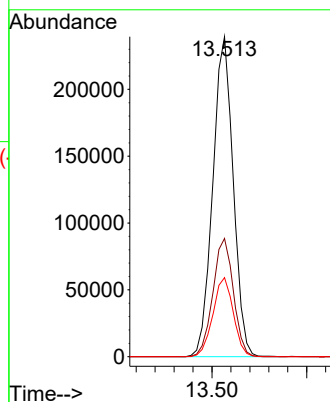
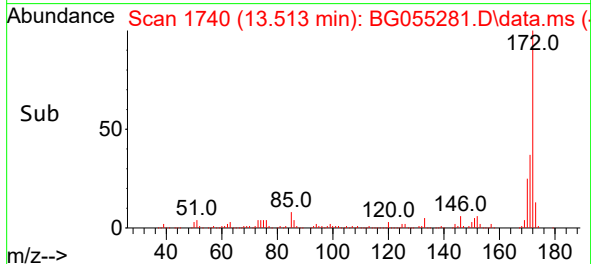


#45
2-Fluorobiphenyl
Concen: 49.729 ng
RT: 13.513 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

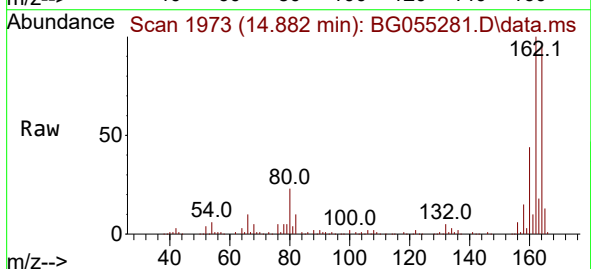
Instrument :
BNA_G
ClientSampleId :



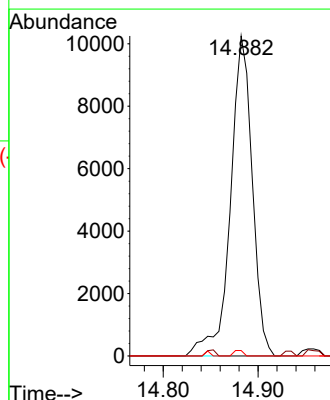
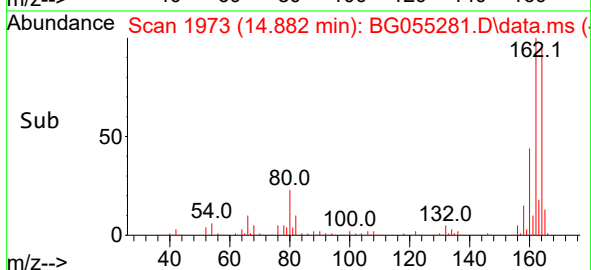
Tgt Ion:172 Resp: 357049
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.7 20.2 30.2

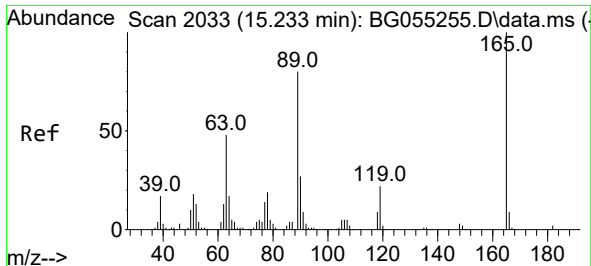


#51
2,6-Dinitrotoluene
Concen: 8.710 ng
RT: 14.882 min Scan# 1973
Delta R.T. 0.431 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



Tgt Ion:165 Resp: 16354
Ion Ratio Lower Upper
165 100
63 0.0 49.2 73.8#
89 1.7 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 6.002 ng

RT: 14.882 min Scan# 14

Delta R.T. -0.351 min

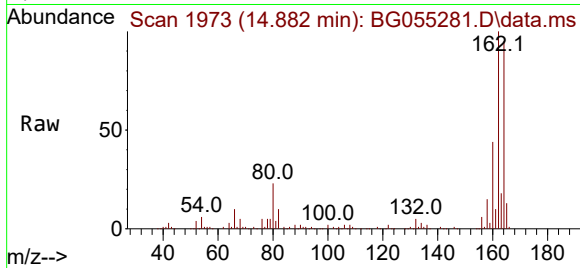
Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:165 Resp: 16354

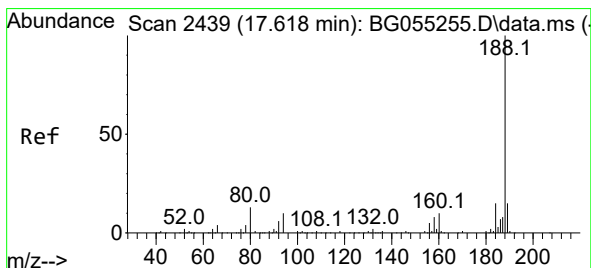
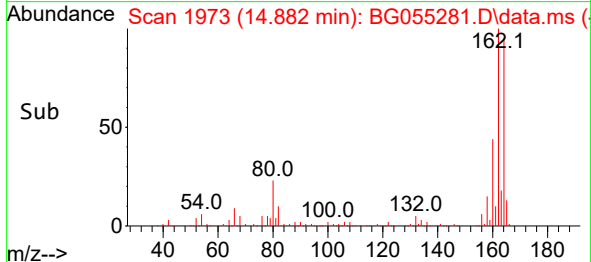
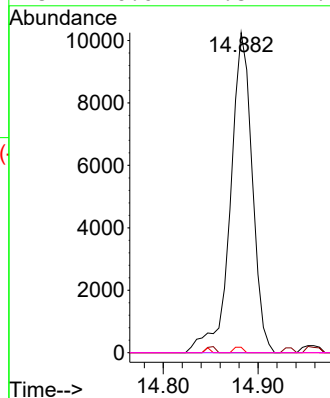
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 1.7 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.614 min Scan# 2438

Delta R.T. -0.004 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

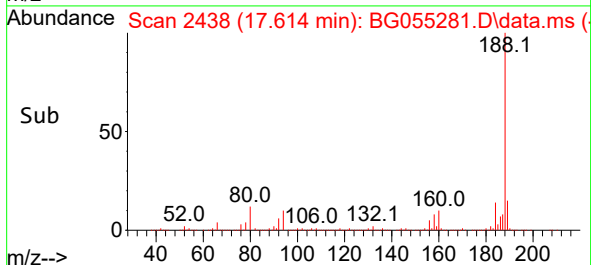
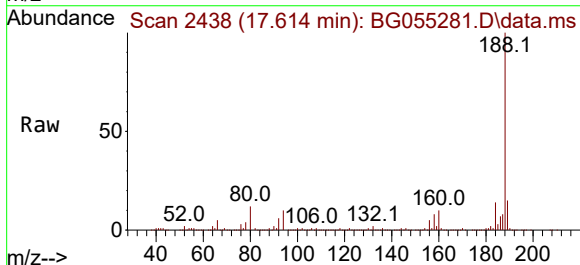
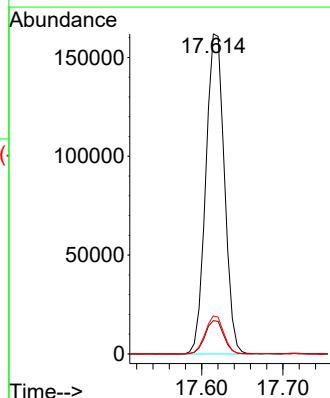
Tgt Ion:188 Resp: 256396

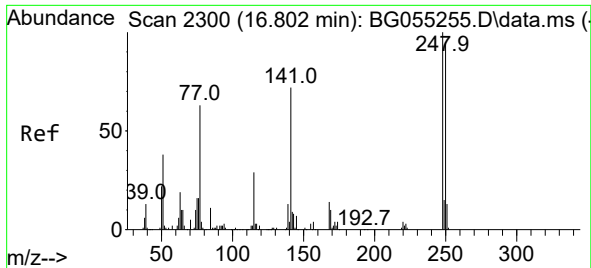
Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

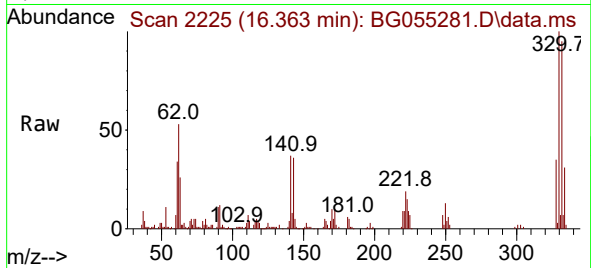
80 11.9 10.1 15.1



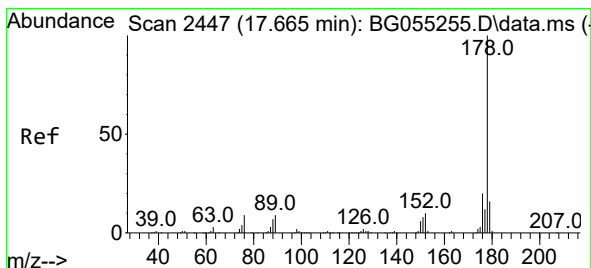
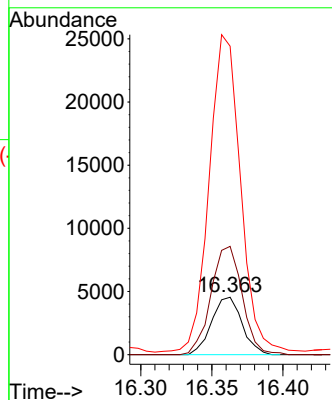
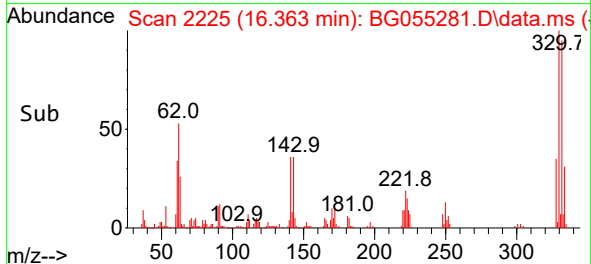


#67
4-Bromophenyl-phenylether
Concen: 2.716 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.439 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32

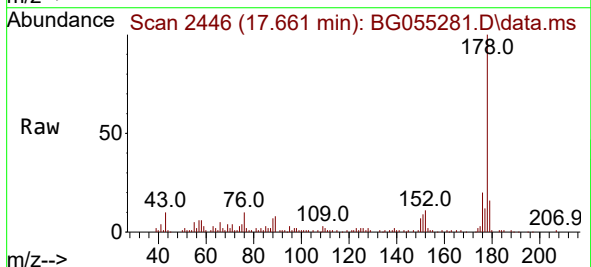
Instrument :
BNA_G
ClientSampleId :



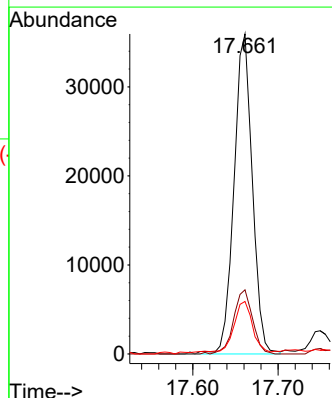
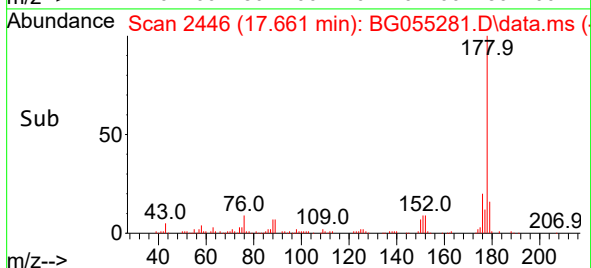
Tgt Ion:248 Resp: 6766
Ion Ratio Lower Upper
248 100
250 188.7 76.0 114.0#
141 537.3 58.0 87.0#

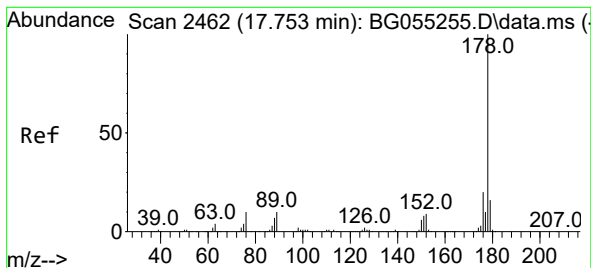


#71
Phenanthrene
Concen: 3.927 ng
RT: 17.661 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BG055281.D
Acq: 25 Oct 2022 18:32



Tgt Ion:178 Resp: 53703
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.4 12.6 19.0





#72

Anthracene

Concen: 4.017 ng

RT: 17.661 min Scan# 24

Delta R.T. -0.092 min

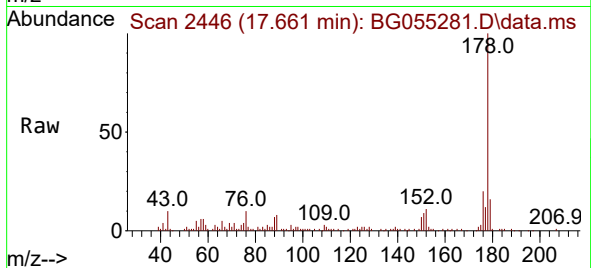
Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :



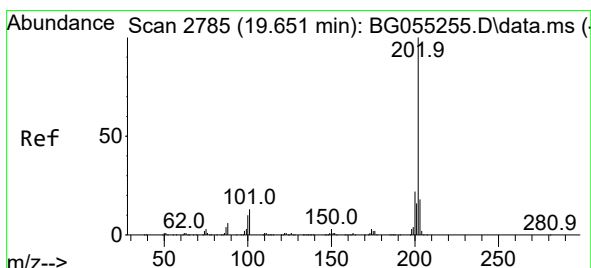
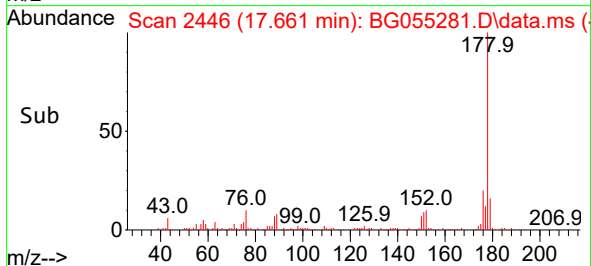
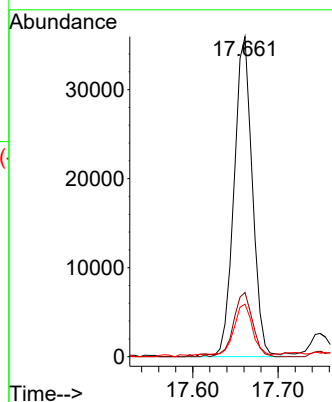
Tgt Ion:178 Resp: 53703

Ion Ratio Lower Upper

178 100

176 20.1 15.7 23.5

179 16.4 12.9 19.3



#75

Fluoranthene

Concen: 4.417 ng

RT: 19.647 min Scan# 2784

Delta R.T. -0.004 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

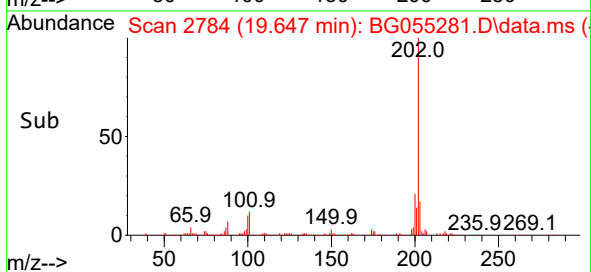
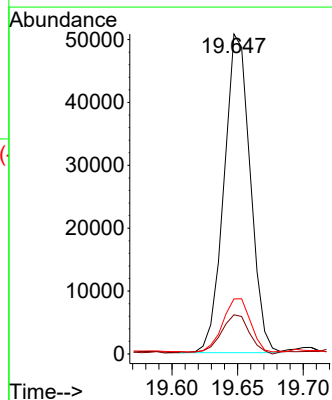
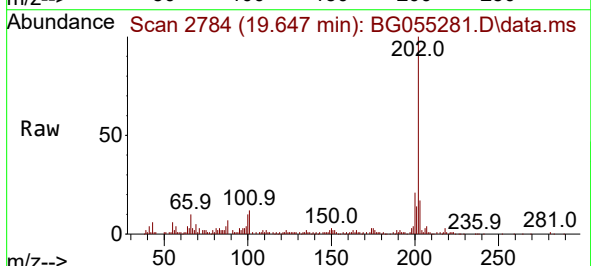
Tgt Ion:202 Resp: 70369

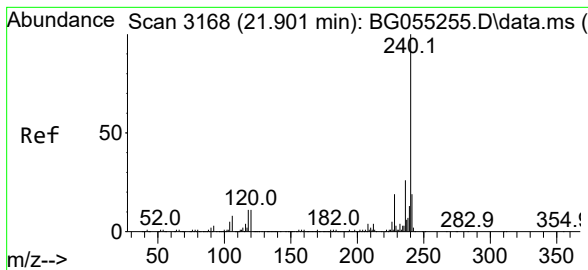
Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.6

203 17.2 0.0 38.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.892 min Scan# 3166

Delta R.T. -0.010 min

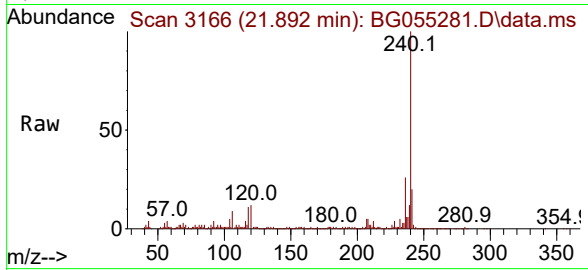
Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :



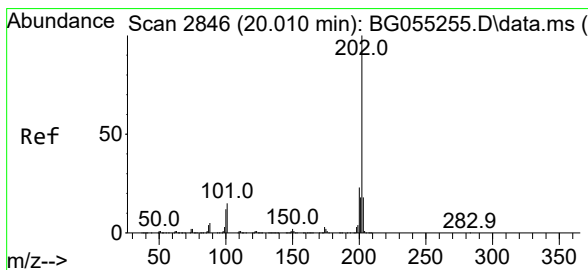
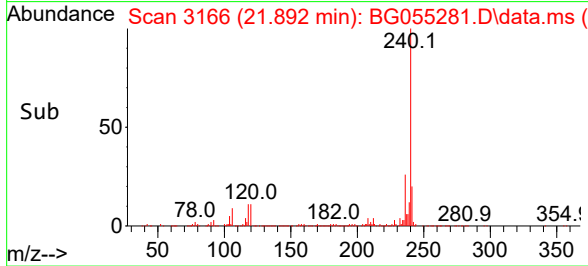
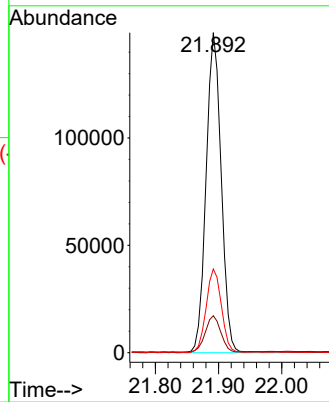
Tgt Ion:240 Resp: 248325

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

236 26.1 21.0 31.4



#78

Pyrene

Concen: 3.873 ng

RT: 20.006 min Scan# 2845

Delta R.T. -0.004 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

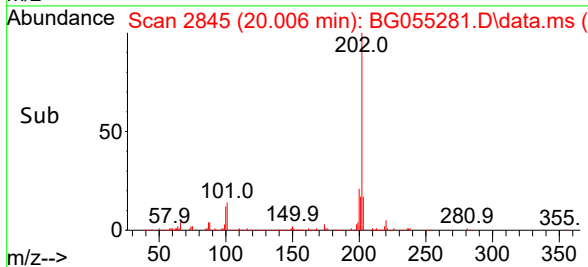
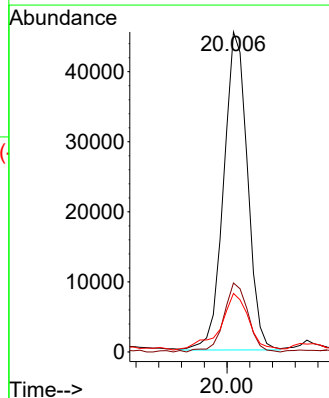
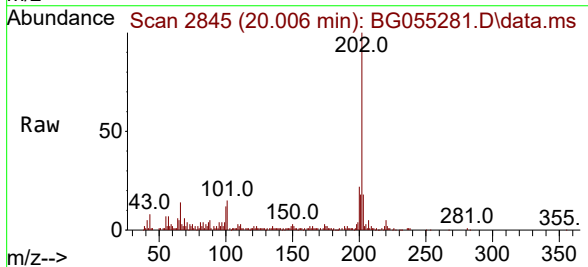
Tgt Ion:202 Resp: 65931

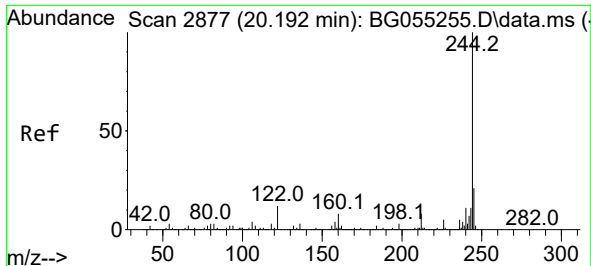
Ion Ratio Lower Upper

202 100

200 21.5 18.0 27.0

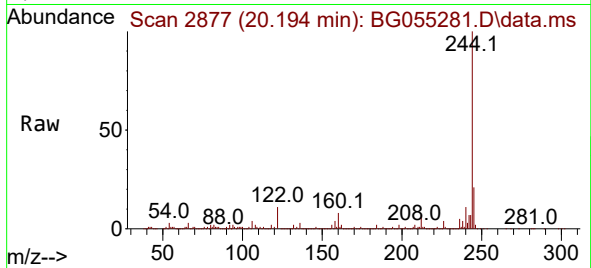
203 18.3 14.3 21.5



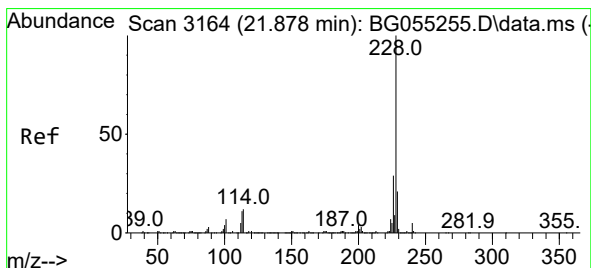
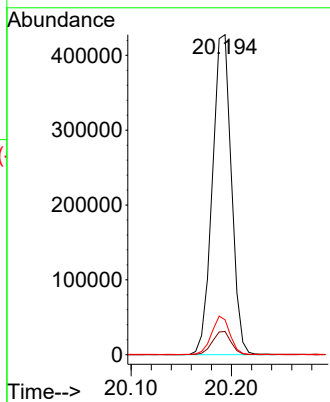
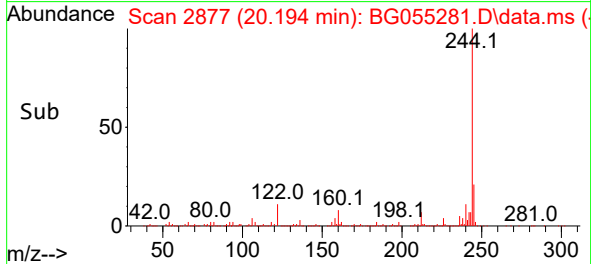


#79
 Terphenyl-d14
 Concen: 47.049 ng
 RT: 20.194 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055281.D
 Acq: 25 Oct 2022 18:32

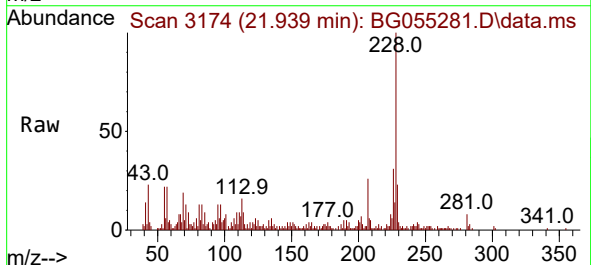
Instrument :
 BNA_G
 ClientSampleId :



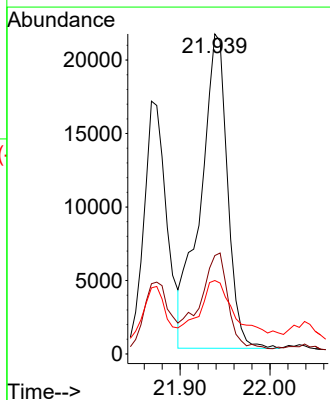
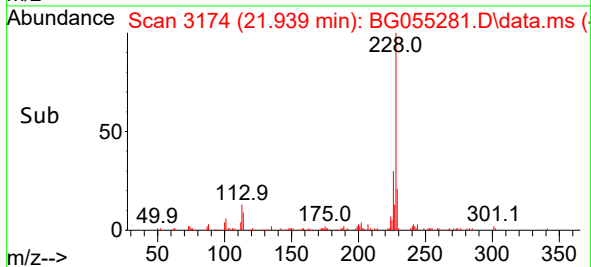
Tgt Ion:244 Resp: 562331
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.9 9.6 14.4

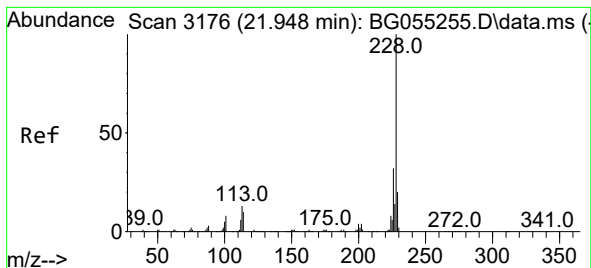


#81
 Benzo(a)anthracene
 Concen: 2.681 ng
 RT: 21.939 min Scan# 3174
 Delta R.T. 0.061 min
 Lab File: BG055281.D
 Acq: 25 Oct 2022 18:32



Tgt Ion:228 Resp: 44713
 Ion Ratio Lower Upper
 228 100
 226 30.8 22.9 34.3
 229 23.0 16.7 25.1





#83

Chrysene

Concen: 2.823 ng

RT: 21.939 min Scan# 3176

Delta R.T. -0.010 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

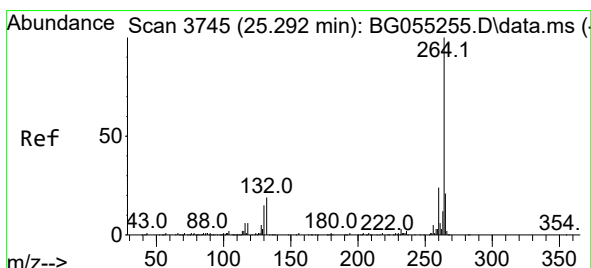
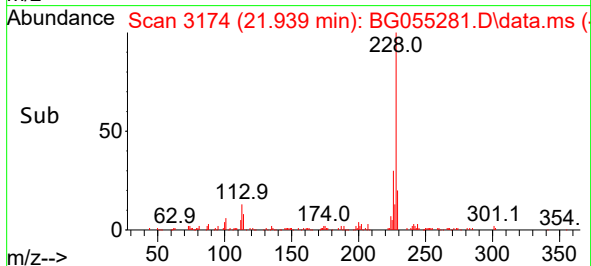
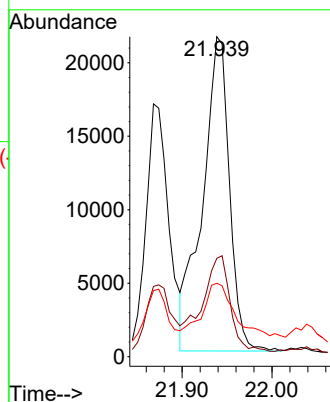
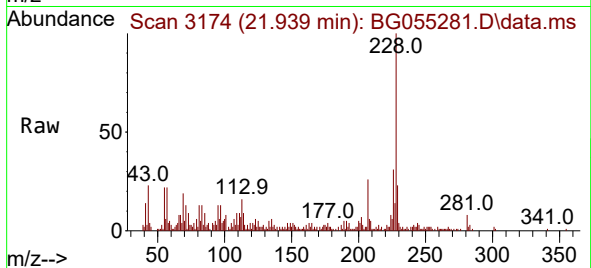
Tgt Ion:228 Resp: 44713

Ion Ratio Lower Upper

228 100

226 30.8 25.8 38.8

229 23.0 16.3 24.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.288 min Scan# 3744

Delta R.T. -0.004 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

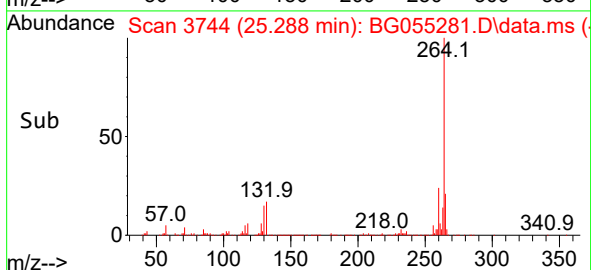
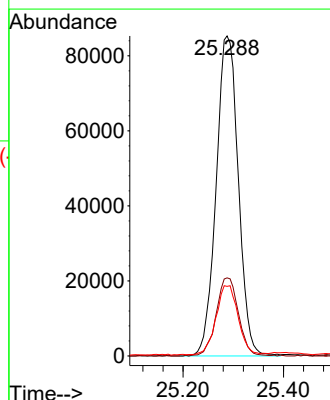
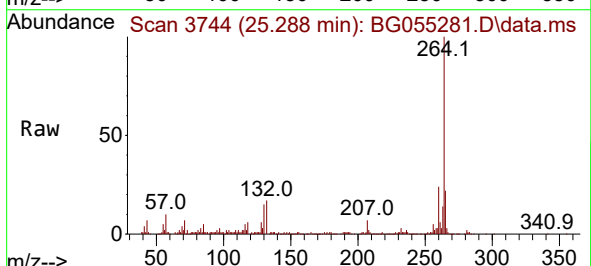
Tgt Ion:264 Resp: 261718

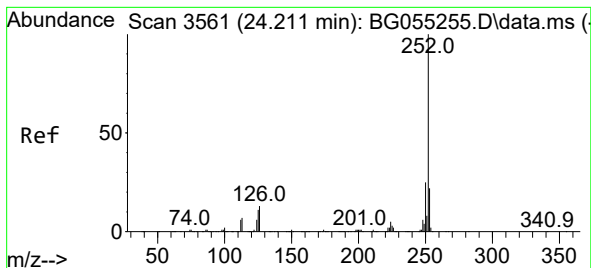
Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.7 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.343 ng

RT: 24.201 min Scan# 3559

Delta R.T. -0.010 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

Instrument :

BNA_G

ClientSampleId :

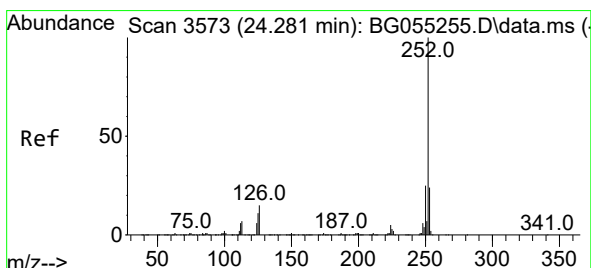
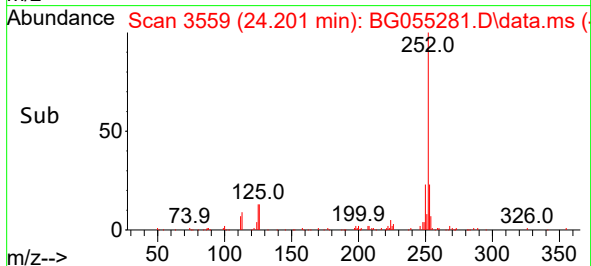
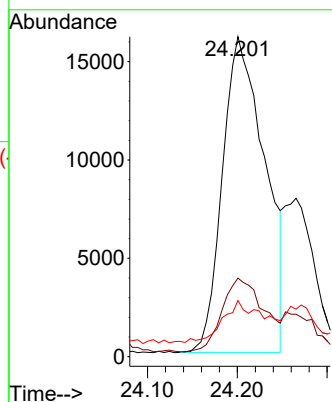
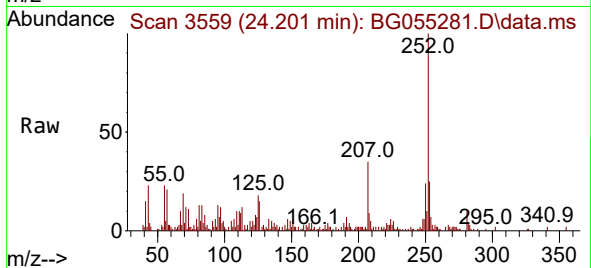
Tgt Ion:252 Resp: 52624

Ion Ratio Lower Upper

252 100

253 24.5 17.6 26.4

125 17.6 9.0 13.4#



#89

Benzo(k)fluoranthene

Concen: 3.317 ng

RT: 24.201 min Scan# 3559

Delta R.T. -0.080 min

Lab File: BG055281.D

Acq: 25 Oct 2022 18:32

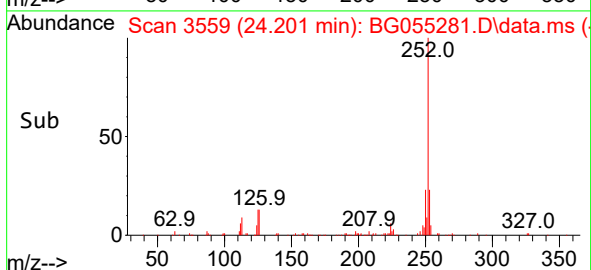
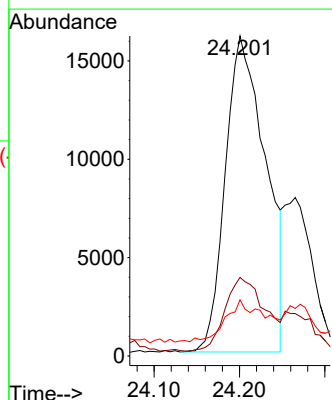
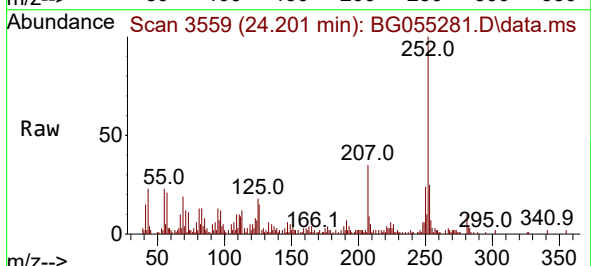
Tgt Ion:252 Resp: 52726

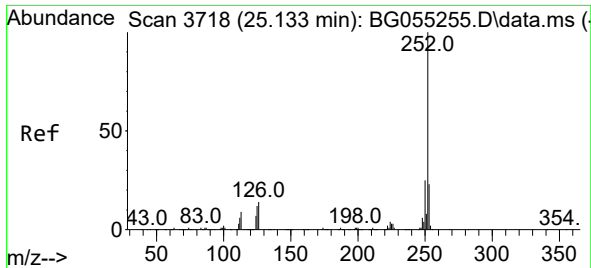
Ion Ratio Lower Upper

252 100

253 24.5 18.6 27.8

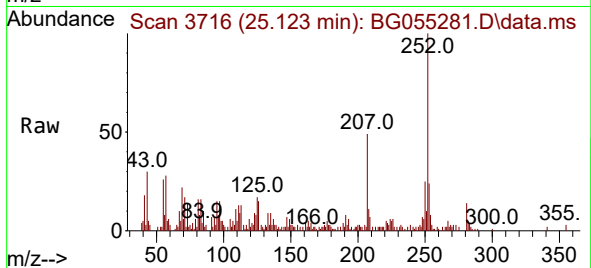
125 17.6 9.1 13.7#





#90
 Benzo(a)pyrene
 Concen: 2.583 ng
 RT: 25.123 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: BG055281.D
 Acq: 25 Oct 2022 18:32

Instrument :
 BNA_G
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	17.2	9.8	14.8

