

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055179.D
 Acq On : 14 Oct 2022 15:33
 Operator : CG/JU
 Sample : N5104-01RE 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-101122RE

Quant Time: Oct 14 16:18:41 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)

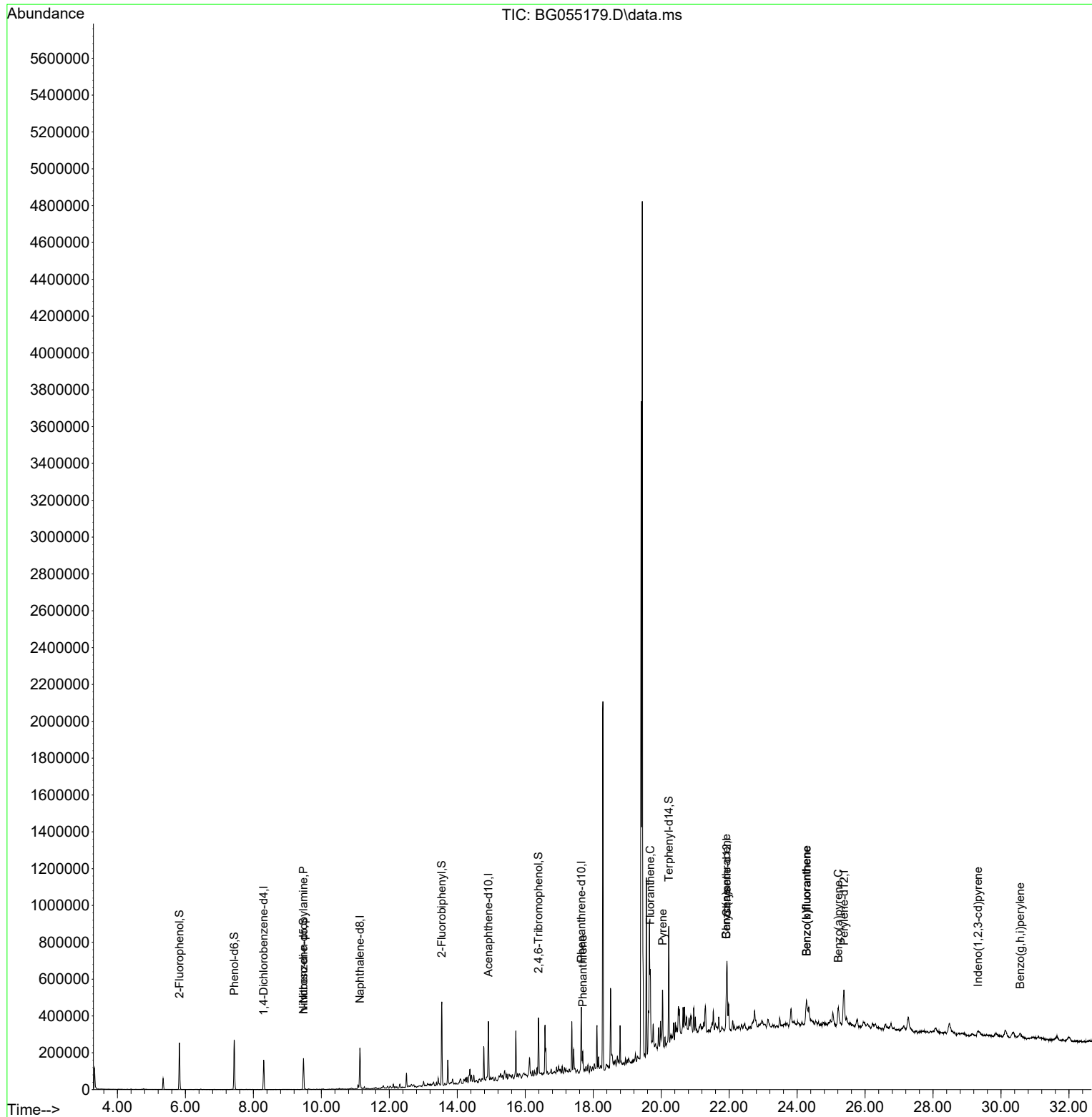
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.305	152	47283	20.000	ng	0.00
21) Naphthalene-d8	11.137	136	188266	20.000	ng	0.00
39) Acenaphthene-d10	14.914	164	113402	20.000	ng	0.00
64) Phenanthrene-d10	17.652	188	228834	20.000	ng	0.01
76) Chrysene-d12	21.936	240	222016	20.000	ng	0.01
86) Perylene-d12	25.379	264	226207	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.825	112	113381	46.915	ng	0.00
7) Phenol-d6	7.435	99	155127	43.392	ng	0.00
23) Nitrobenzene-d5	9.474	82	99014	28.203	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	69624	42.728	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	235776	33.963	ng	0.00
79) Terphenyl-d14	20.226	244	328200	29.773	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.474	70	14250	4.939	ng	# 80
71) Phenanthrene	17.694	178	59024	4.973	ng	99
75) Fluoranthene	19.679	202	195667	13.187	ng	98
78) Pyrene	20.044	202	204624	13.826	ng	100
81) Benzo(a)anthracene	21.918	228	120837	8.507	ng	95
83) Chrysene	21.918	228	120837	9.018	ng	96
87) Indeno(1,2,3-cd)pyrene	29.321	276	60797	3.628	ng	# 92
88) Benzo(b)fluoranthene	24.280	252	176685	13.105	ng	# 94
89) Benzo(k)fluoranthene	24.280	252	176685	13.044	ng	# 94
90) Benzo(a)pyrene	25.214	252	133268	11.559	ng	# 95
92) Benzo(g,h,i)perylene	30.567	276	54154	3.987	ng	# 88

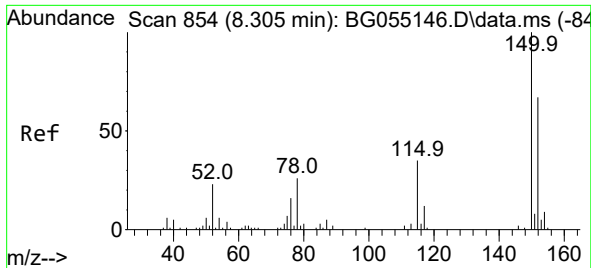
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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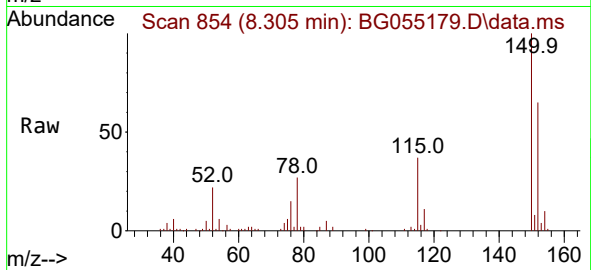
Quant Time: Oct 14 16:18:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 05:14:13 2022
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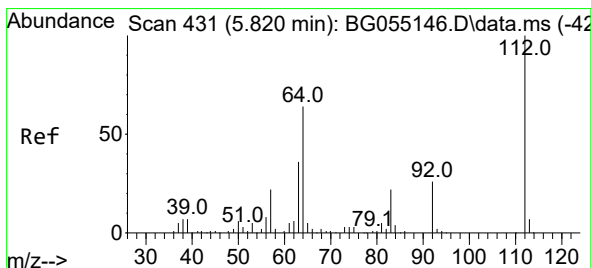
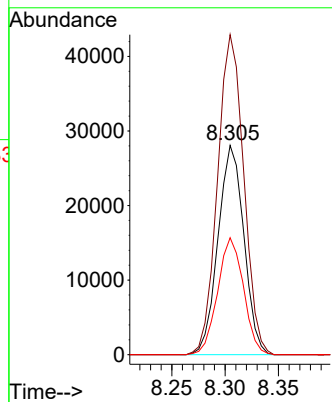
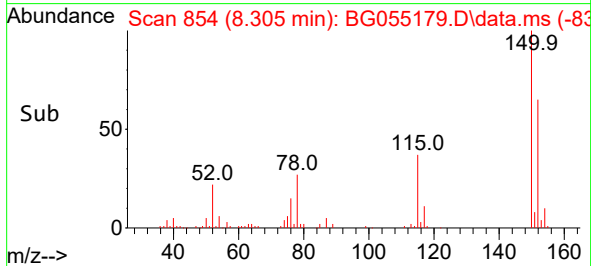


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

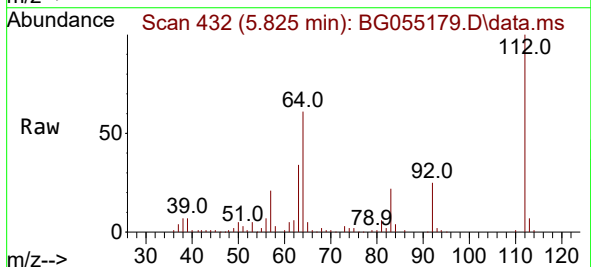
Instrument :
BNA_G
ClientSampleId :
PL-01-101122RE



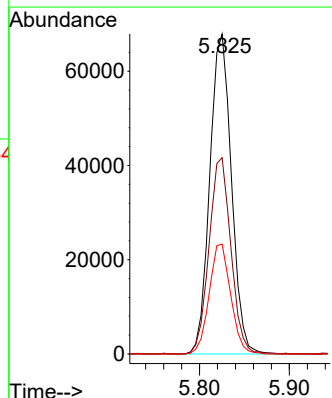
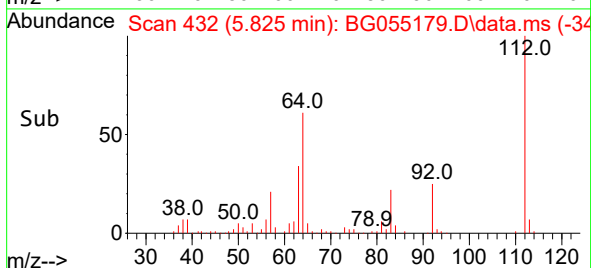
Tgt Ion:152 Resp: 47283
Ion Ratio Lower Upper
152 100
150 152.9 119.7 179.5
115 55.9 42.4 63.6

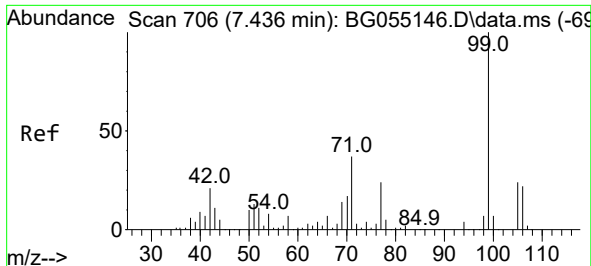


#5
2-Fluorophenol
Concen: 46.915 ng
RT: 5.825 min Scan# 432
Delta R.T. 0.005 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33



Tgt Ion:112 Resp: 113381
Ion Ratio Lower Upper
112 100
64 61.3 50.9 76.3
63 34.4 29.0 43.6

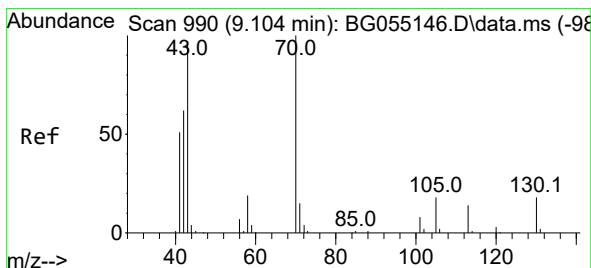
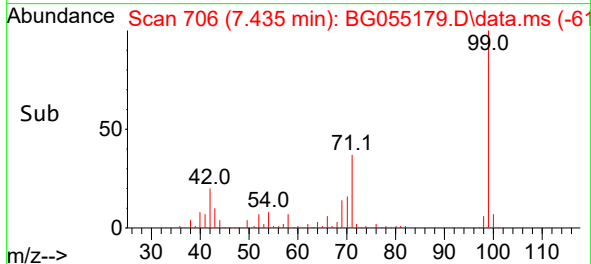
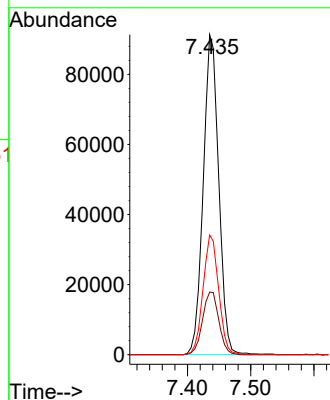
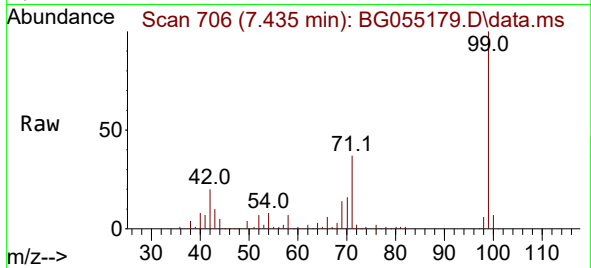




#7
Phenol-d6
Concen: 43.392 ng
RT: 7.435 min Scan# 706
Delta R.T. -0.001 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

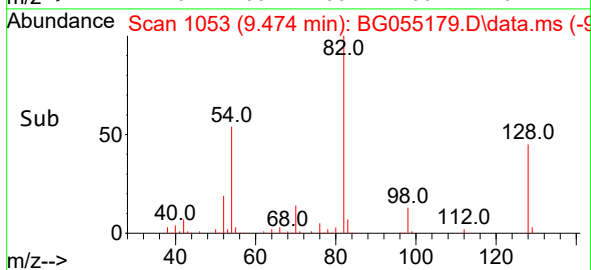
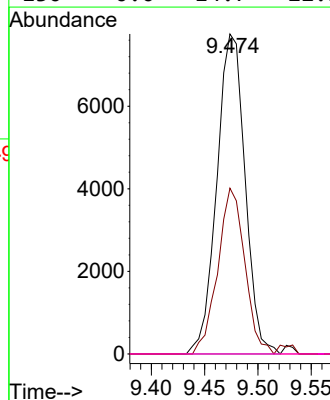
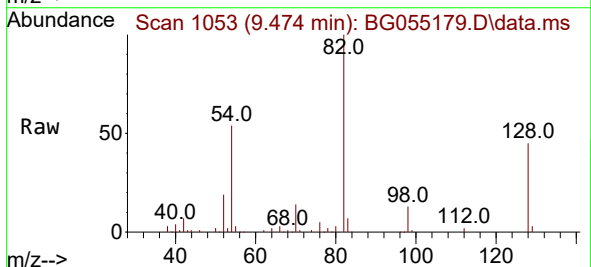
Instrument :
BNA_G
ClientSampleId :
PL-01-101122RE

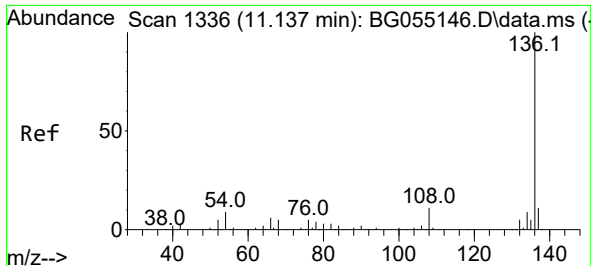
Tgt Ion: 99 Resp: 155127
Ion Ratio Lower Upper
99 100
42 19.6 16.6 25.0
71 37.4 29.6 44.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.939 ng
RT: 9.474 min Scan# 1053
Delta R.T. 0.369 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

Tgt Ion: 70 Resp: 14250
Ion Ratio Lower Upper
70 100
42 51.8 50.1 75.1
101 0.0 6.6 10.0#
130 0.0 14.7 22.1#

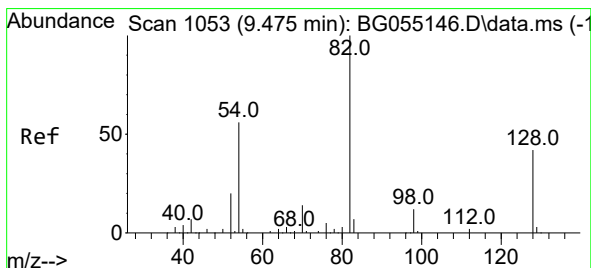
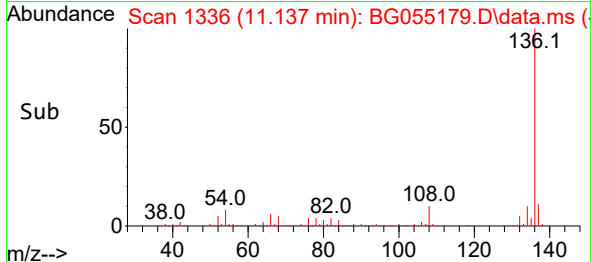
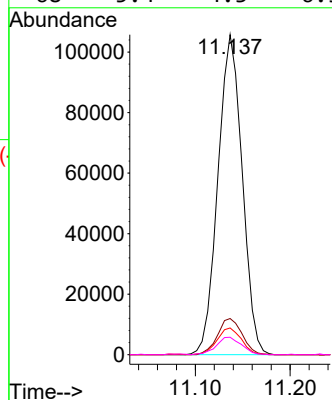
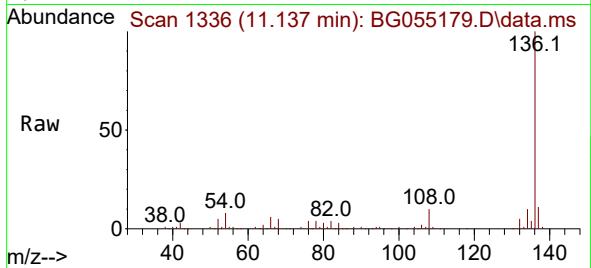




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.137 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

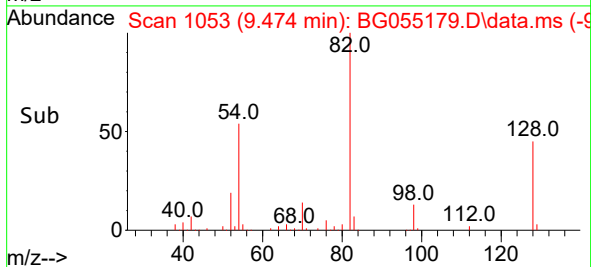
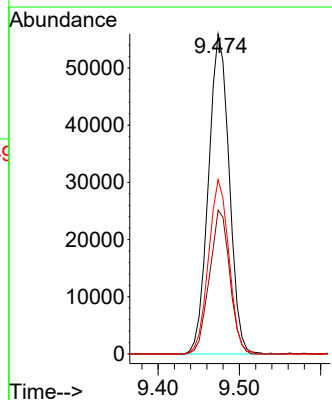
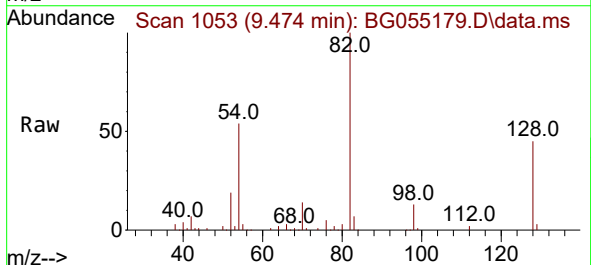
Instrument :
BNA_G
ClientSampleId :
PL-01-101122RE

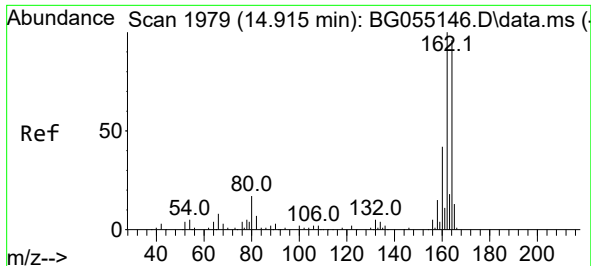
Tgt Ion:136	Resp:	188266
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.1 13.7
54	8.4	7.0 10.6
68	5.4	4.3 6.5



#23
Nitrobenzene-d5
Concen: 28.203 ng
RT: 9.474 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

Tgt Ion: 82	Resp:	99014
Ion	Ratio	Lower Upper
82	100	
128	45.0	33.5 50.3
54	54.5	44.7 67.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.914 min Scan# 1979

Delta R.T. -0.001 min

Lab File: BG055179.D

Acq: 14 Oct 2022 15:33

Instrument :

BNA_G

ClientSampleId :

PL-01-101122RE

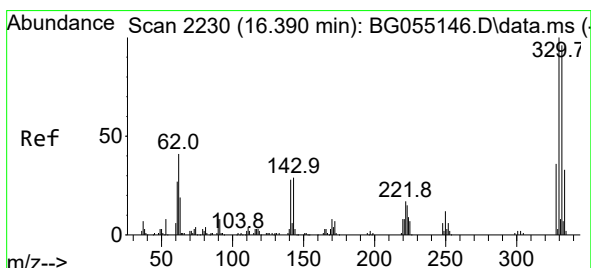
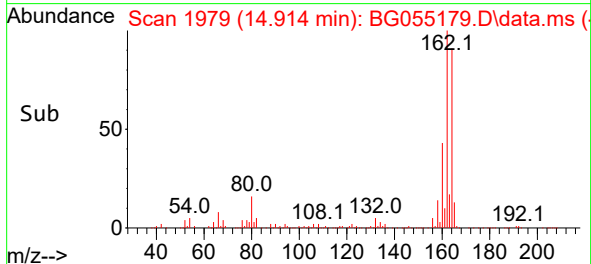
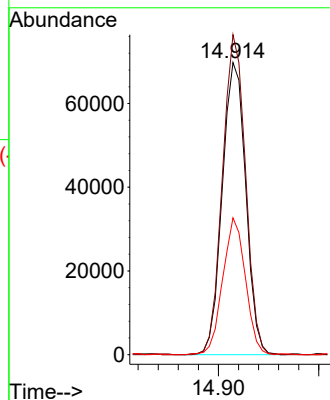
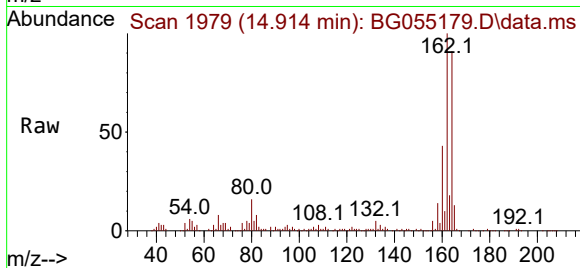
Tgt Ion:164 Resp: 113402

Ion Ratio Lower Upper

164 100

162 109.5 83.3 124.9

160 46.8 35.3 52.9



#42

2,4,6-Tribromophenol

Concen: 42.728 ng

RT: 16.389 min Scan# 2230

Delta R.T. -0.001 min

Lab File: BG055179.D

Acq: 14 Oct 2022 15:33

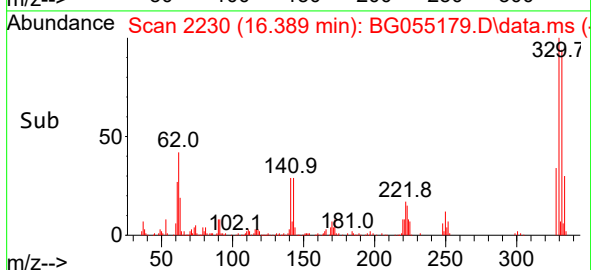
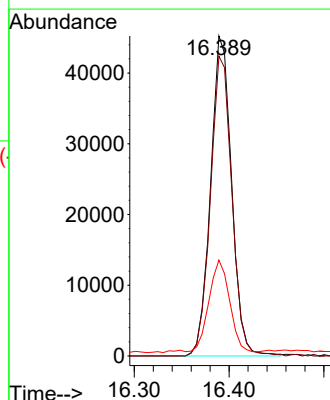
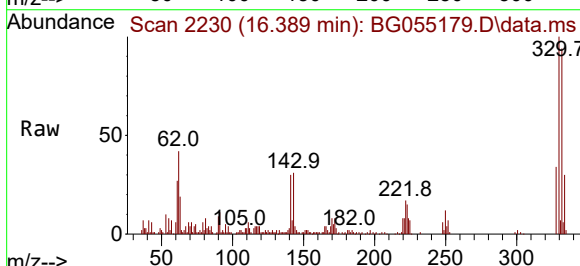
Tgt Ion:330 Resp: 69624

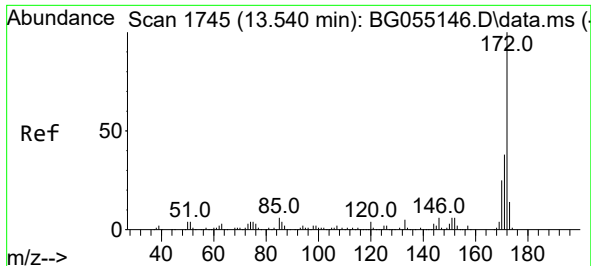
Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.4

141 28.8 24.6 36.8

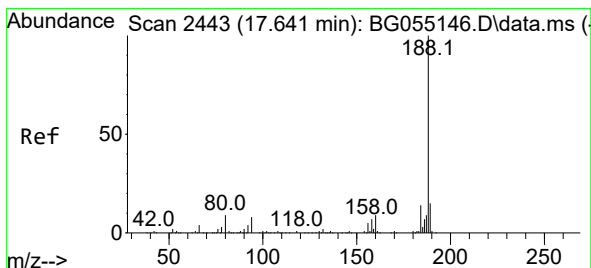
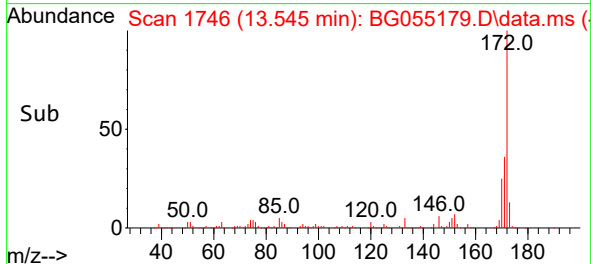
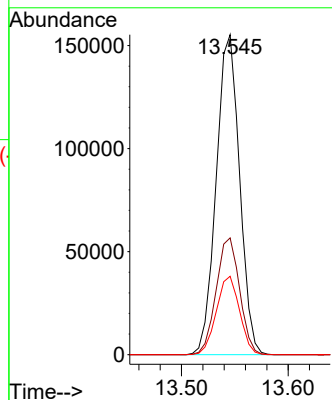
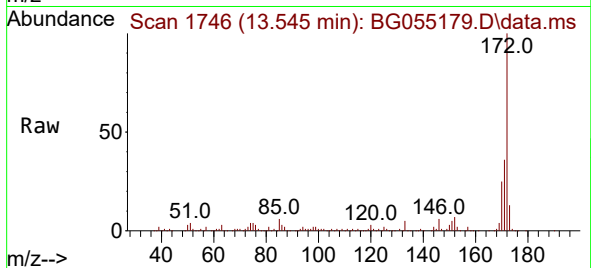




#45
2-Fluorobiphenyl
Concen: 33.963 ng
RT: 13.545 min Scan# 1
Delta R.T. 0.005 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

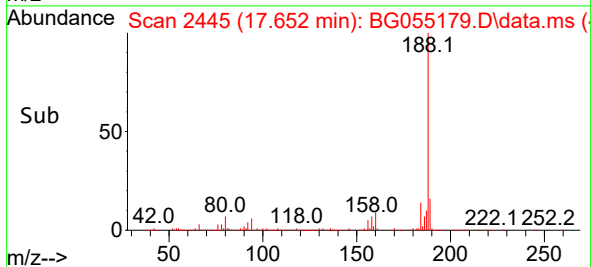
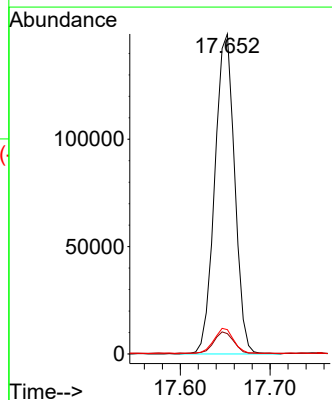
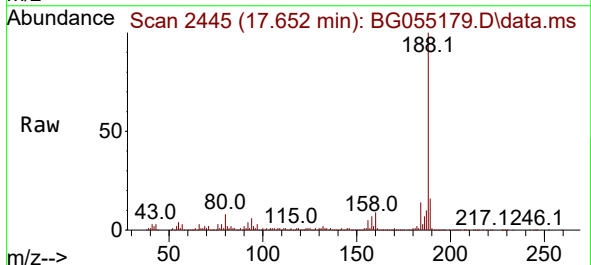
Instrument :
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PL-01-101122RE

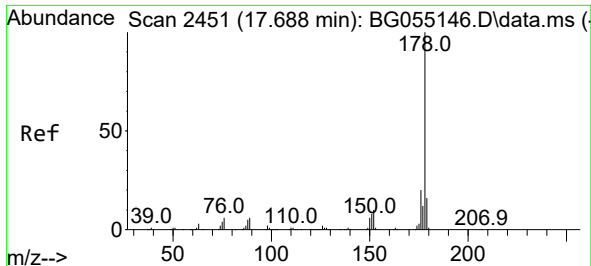
Tgt Ion:172 Resp: 235776
Ion Ratio Lower Upper
172 100
171 36.5 30.1 45.1
170 24.5 19.8 29.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.652 min Scan# 2445
Delta R.T. 0.011 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

Tgt Ion:188 Resp: 228834
Ion Ratio Lower Upper
188 100
94 6.3 6.2 9.2
80 7.6 7.0 10.6

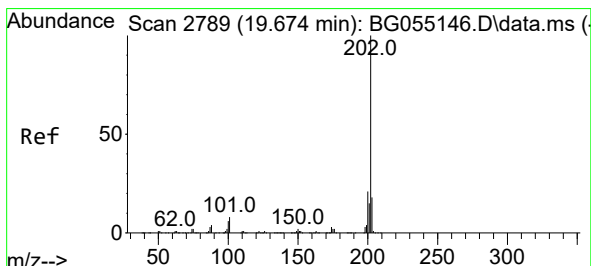
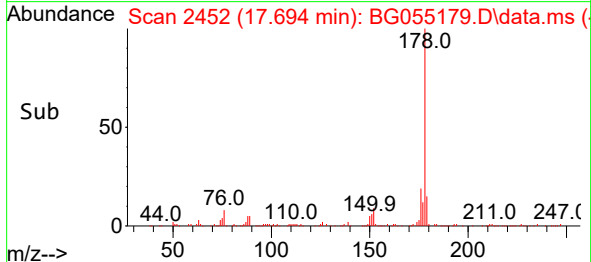
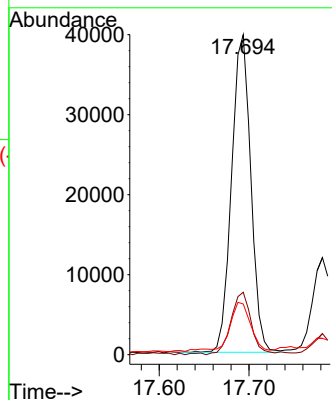
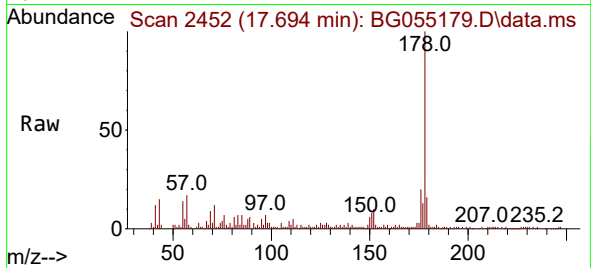




#71
Phenanthrene
Concen: 4.973 ng
RT: 17.694 min Scan# 2451
Delta R.T. 0.005 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

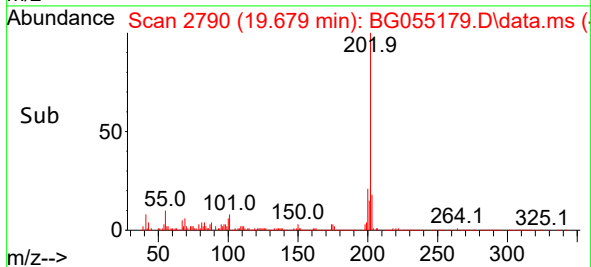
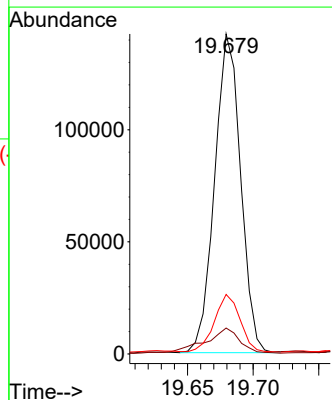
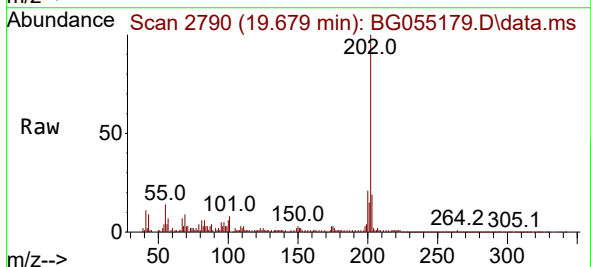
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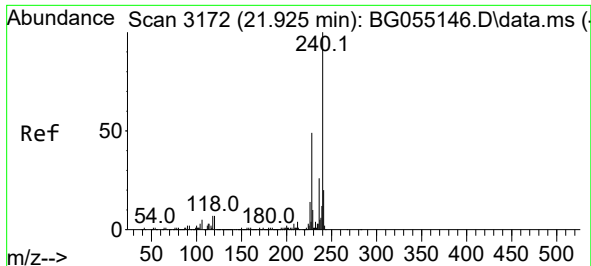
Tgt Ion:178 Resp: 59024
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.8 12.7 19.1



#75
Fluoranthene
Concen: 13.187 ng
RT: 19.679 min Scan# 2790
Delta R.T. 0.005 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

Tgt Ion:202 Resp: 195667
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.4
203 18.6 0.0 37.8

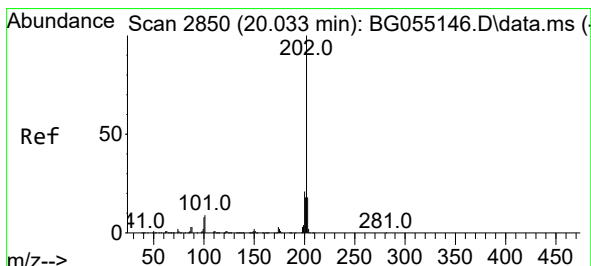
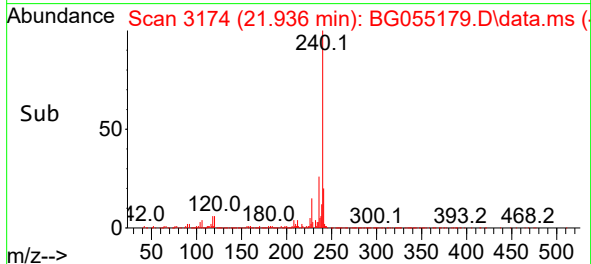
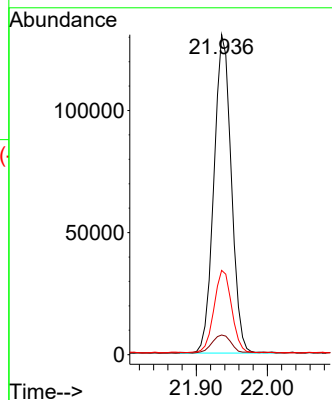
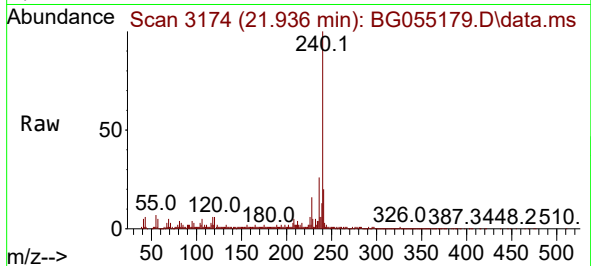




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. 0.011 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

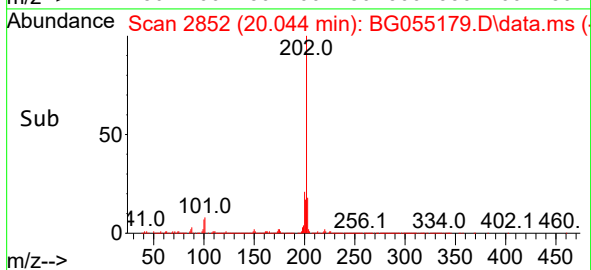
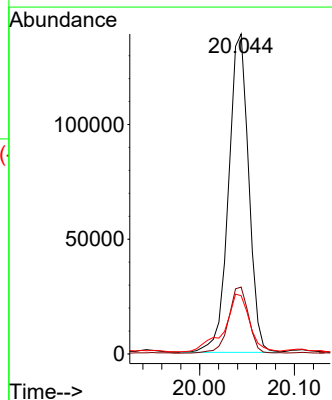
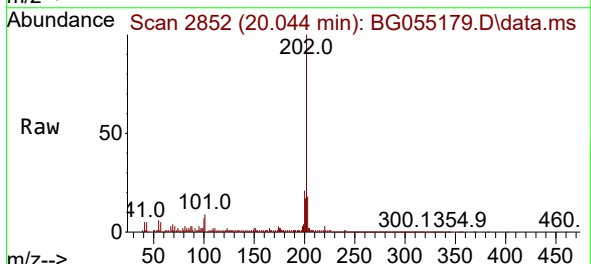
Instrument :
BNA_G
ClientSampleId :
PL-01-101122RE

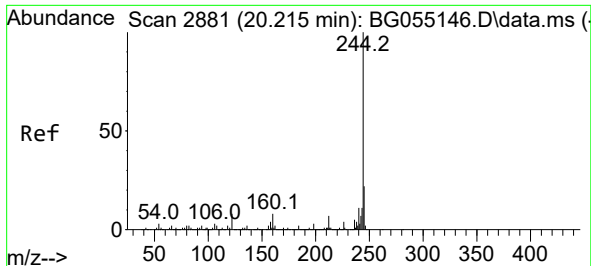
Tgt Ion:240 Resp: 222016
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 26.3 20.6 31.0



#78
Pyrene
Concen: 13.826 ng
RT: 20.044 min Scan# 2852
Delta R.T. 0.011 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

Tgt Ion:202 Resp: 204624
Ion Ratio Lower Upper
202 100
200 20.9 16.9 25.3
203 18.2 14.4 21.6

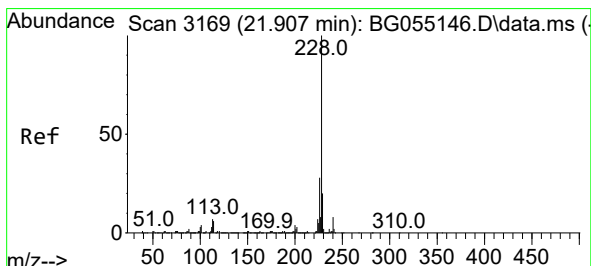
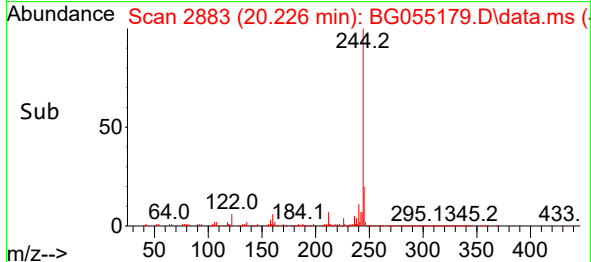
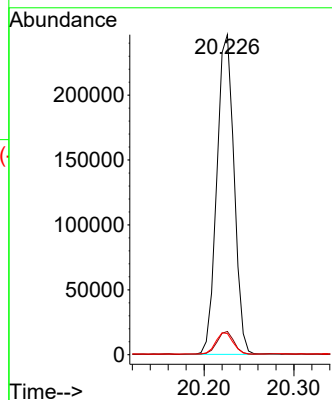
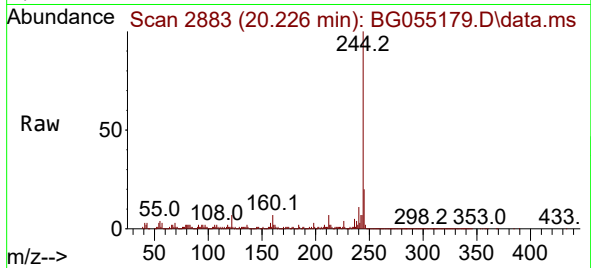




#79
 Terphenyl-d14
 Concen: 29.773 ng
 RT: 20.226 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BG055179.D
 Acq: 14 Oct 2022 15:33

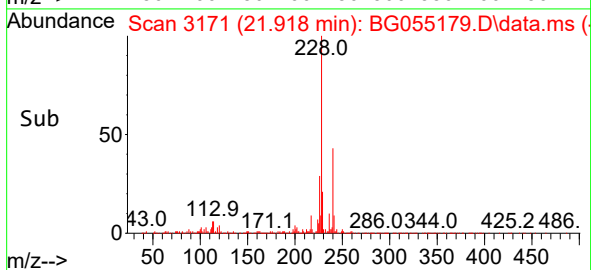
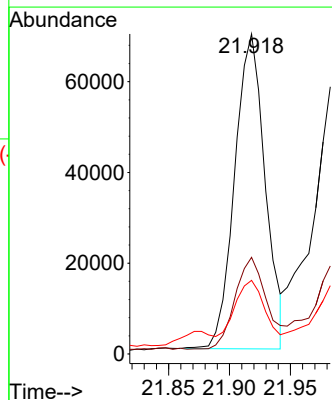
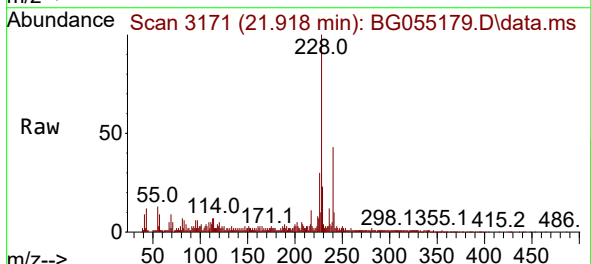
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-101122RE

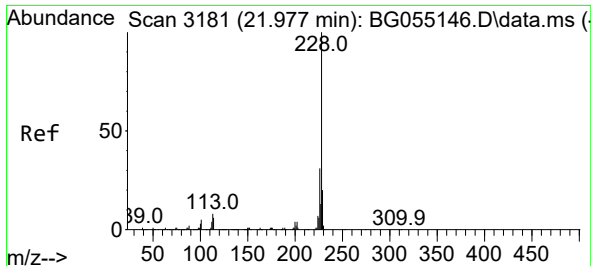
Tgt Ion:244 Resp: 328200
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 6.6 6.6 10.0#



#81
 Benzo(a)anthracene
 Concen: 8.507 ng
 RT: 21.918 min Scan# 3171
 Delta R.T. 0.011 min
 Lab File: BG055179.D
 Acq: 14 Oct 2022 15:33

Tgt Ion:228 Resp: 120837
 Ion Ratio Lower Upper
 228 100
 226 30.2 22.6 34.0
 229 23.0 16.2 24.4

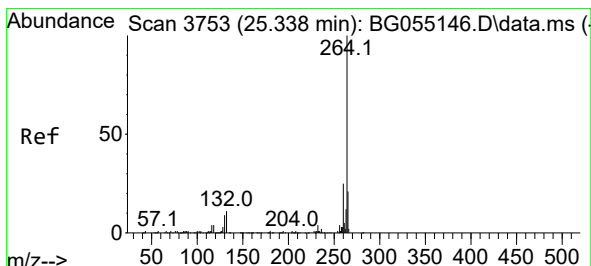
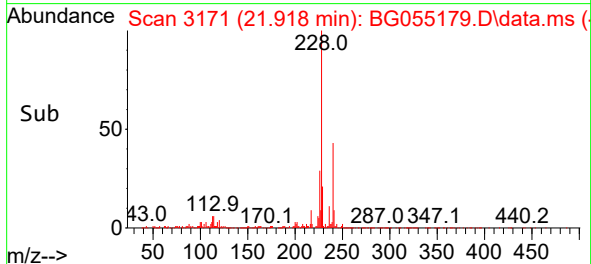
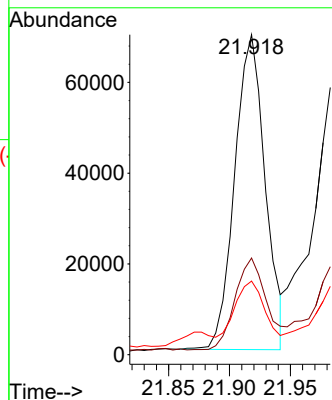
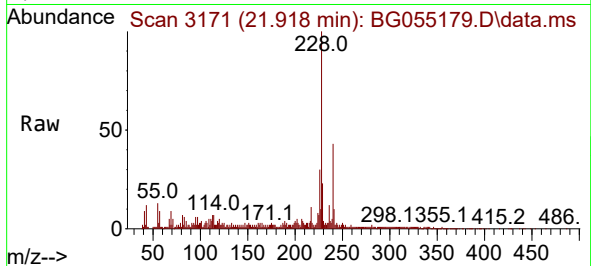




#83
Chrysene
Concen: 9.018 ng
RT: 21.918 min Scan# 3181
Delta R.T. -0.059 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

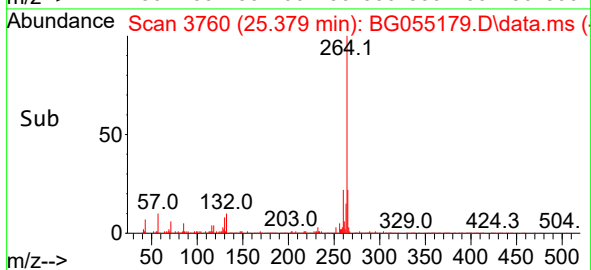
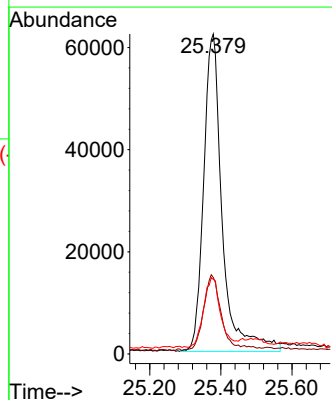
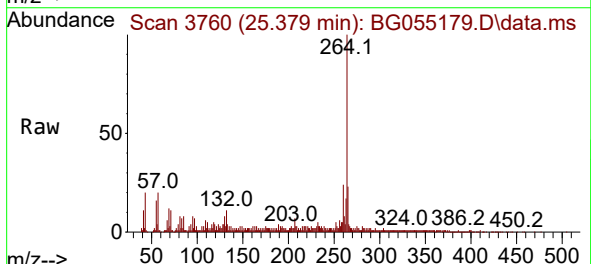
Instrument :
BNA_G
ClientSampleId :
PL-01-101122RE

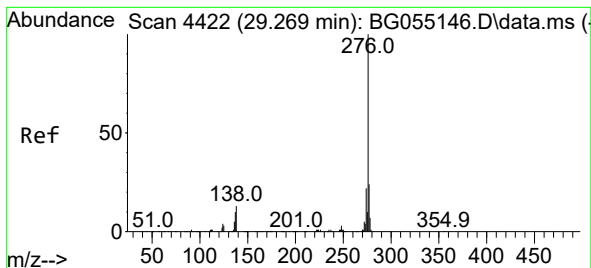
Tgt Ion:228 Resp: 120837
Ion Ratio Lower Upper
228 100
226 30.2 25.1 37.7
229 23.0 16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.379 min Scan# 3760
Delta R.T. 0.040 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

Tgt Ion:264 Resp: 226207
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 23.3 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.628 ng

RT: 29.321 min Scan# 4422

Delta R.T. 0.052 min

Lab File: BG055179.D

Acq: 14 Oct 2022 15:33

Instrument :

BNA_G

ClientSampleId :

PL-01-101122RE

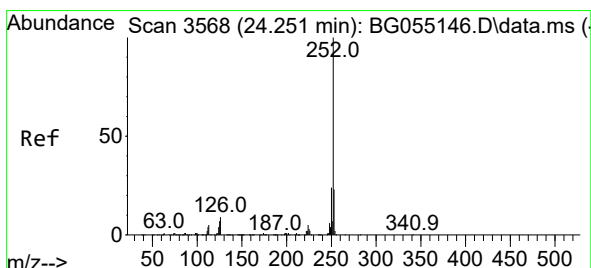
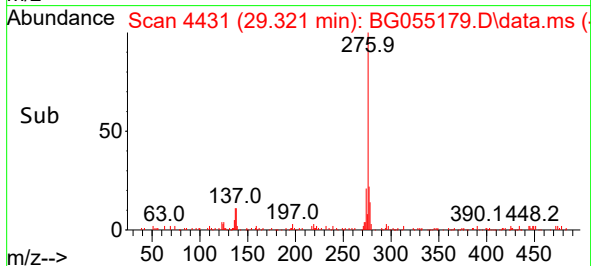
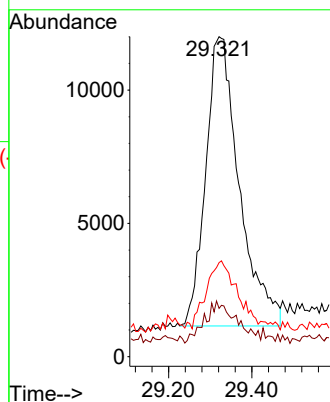
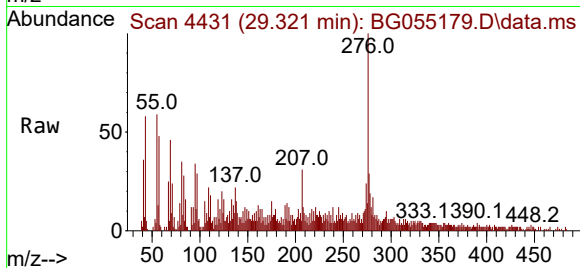
Tgt Ion:276 Resp: 60797

Ion Ratio Lower Upper

276 100

138 12.7 13.4 20.0#

277 21.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 13.105 ng

RT: 24.280 min Scan# 3573

Delta R.T. 0.029 min

Lab File: BG055179.D

Acq: 14 Oct 2022 15:33

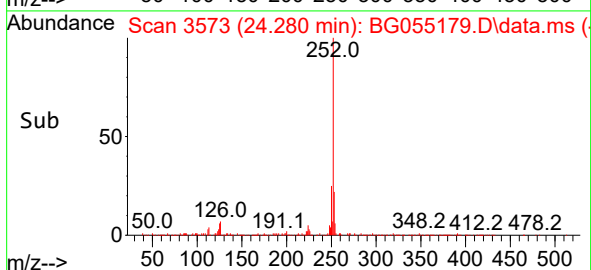
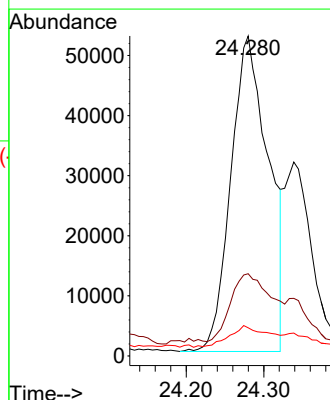
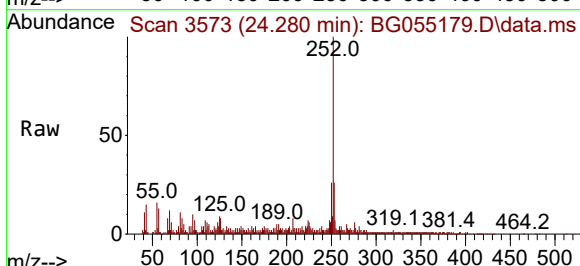
Tgt Ion:252 Resp: 176685

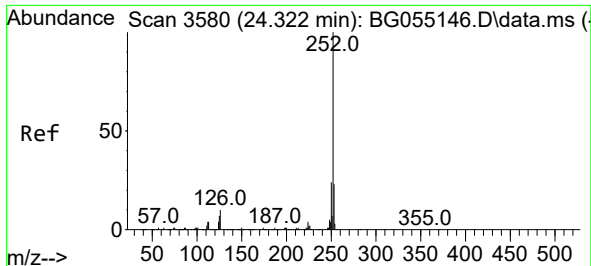
Ion Ratio Lower Upper

252 100

253 25.7 18.2 27.2

125 8.8 5.7 8.5#

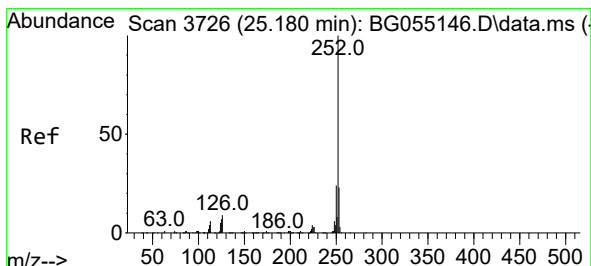
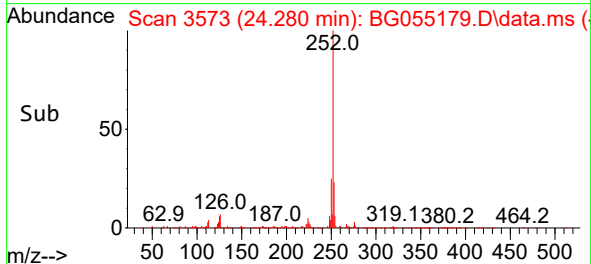
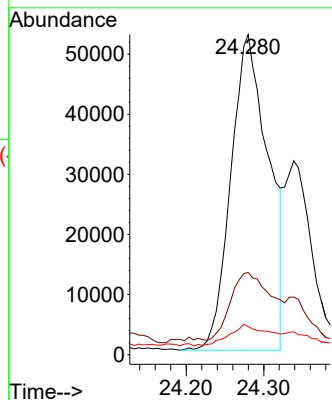
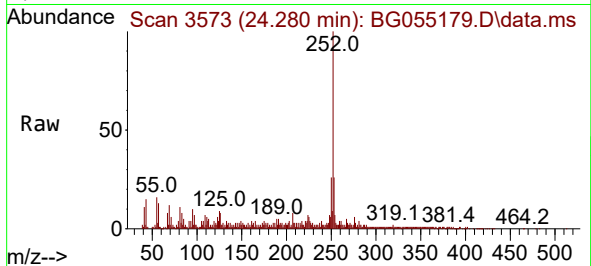




#89
Benzo(k)fluoranthene
Concen: 13.044 ng
RT: 24.280 min Scan# 31
Delta R.T. -0.042 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

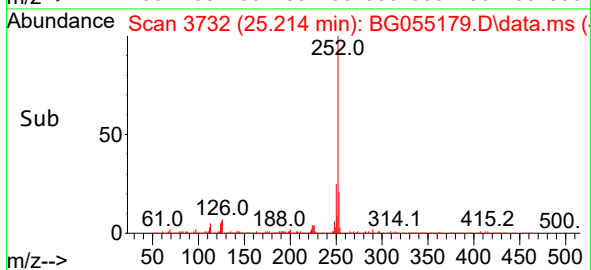
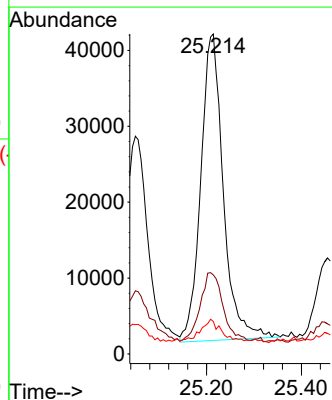
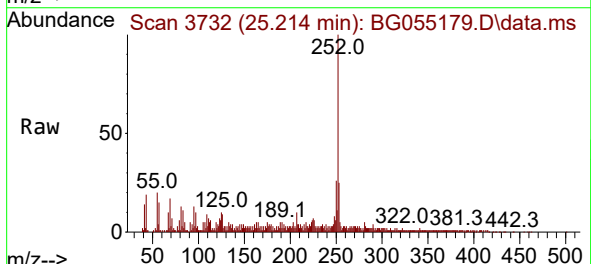
Instrument :
BNA_G
ClientSampleId :
PL-01-101122RE

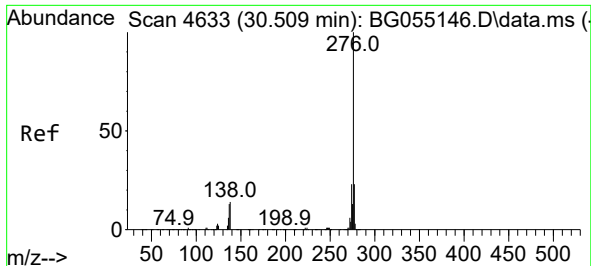
Tgt Ion:252 Resp: 176685
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 8.8 5.8 8.6#



#90
Benzo(a)pyrene
Concen: 11.559 ng
RT: 25.214 min Scan# 3732
Delta R.T. 0.035 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

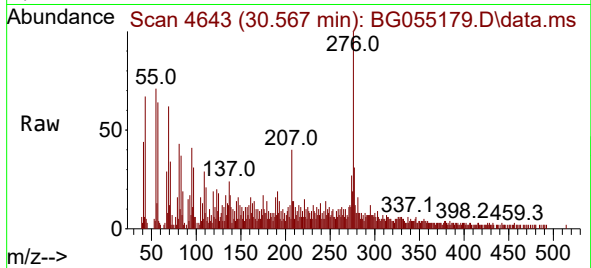
Tgt Ion:252 Resp: 133268
Ion Ratio Lower Upper
252 100
253 24.7 18.2 27.2
125 10.1 5.8 8.8#





#92
Benzo(g,h,i)perylene
Concen: 3.987 ng
RT: 30.567 min Scan# 4
Delta R.T. 0.058 min
Lab File: BG055179.D
Acq: 14 Oct 2022 15:33

Instrument :
BNA_G
ClientSampleId :
PL-01-101122RE



Tgt Ion:276 Resp: 54154
Ion Ratio Lower Upper
276 100
277 30.8 18.4 27.6#
138 16.5 11.2 16.8

