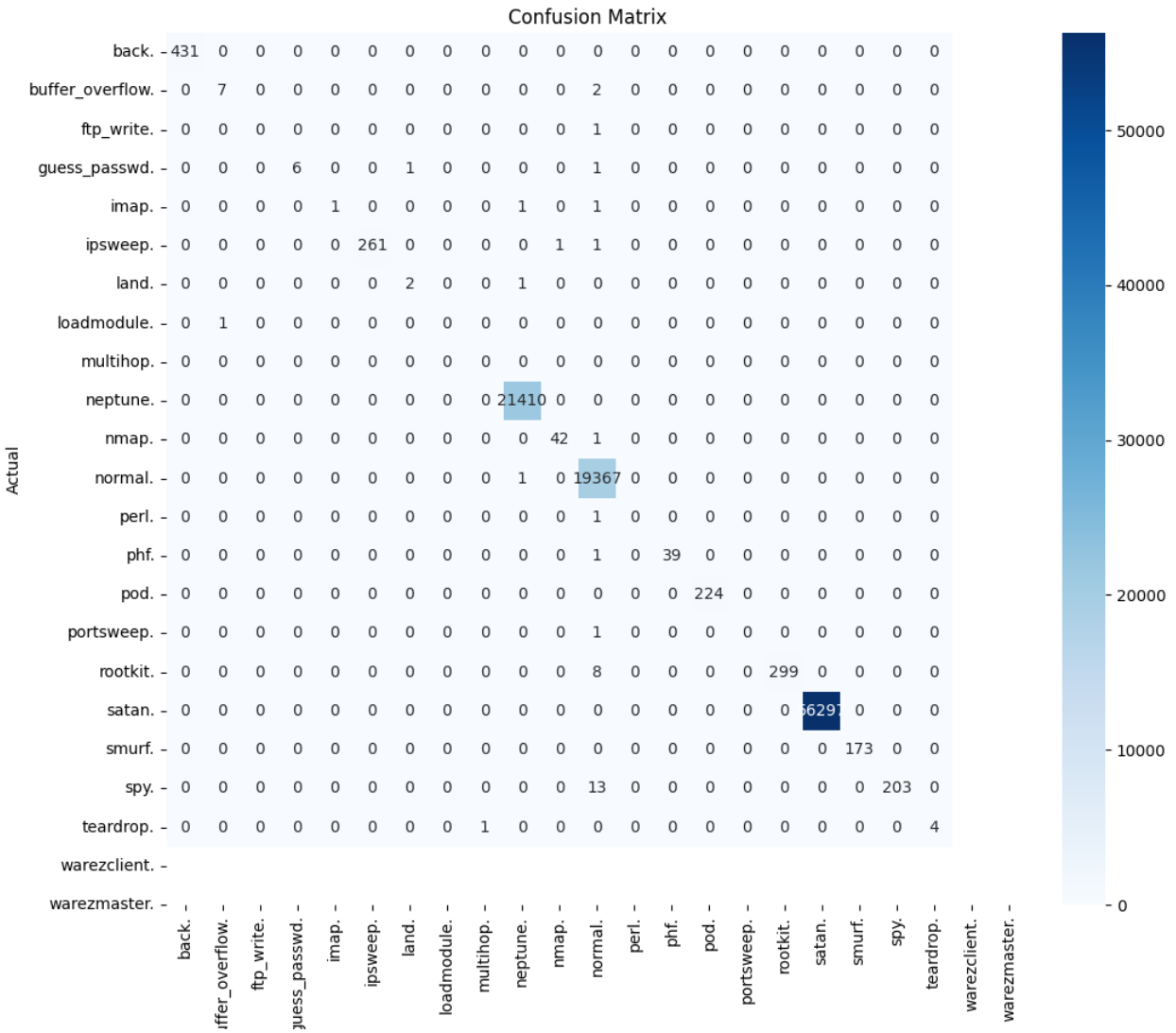
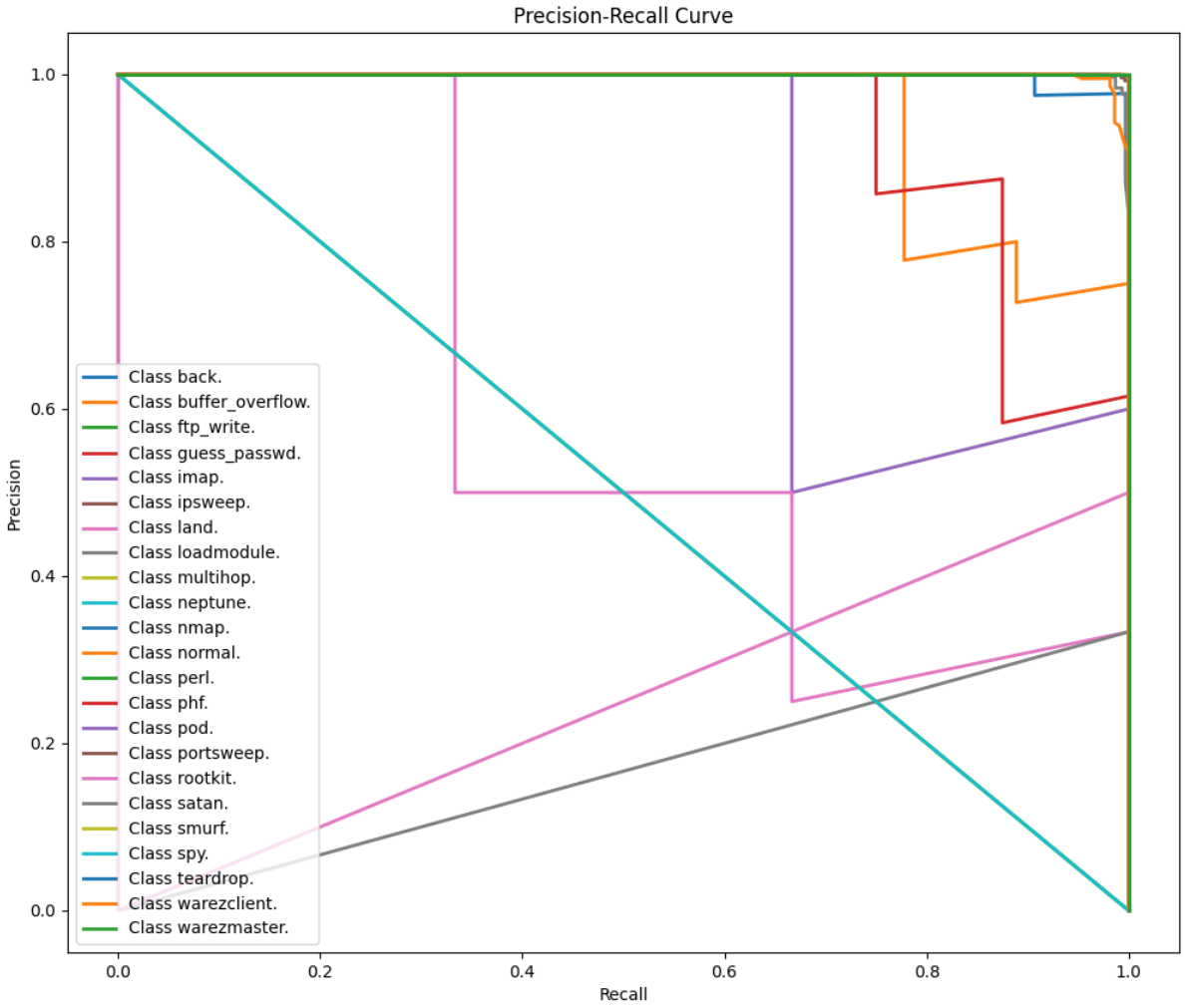
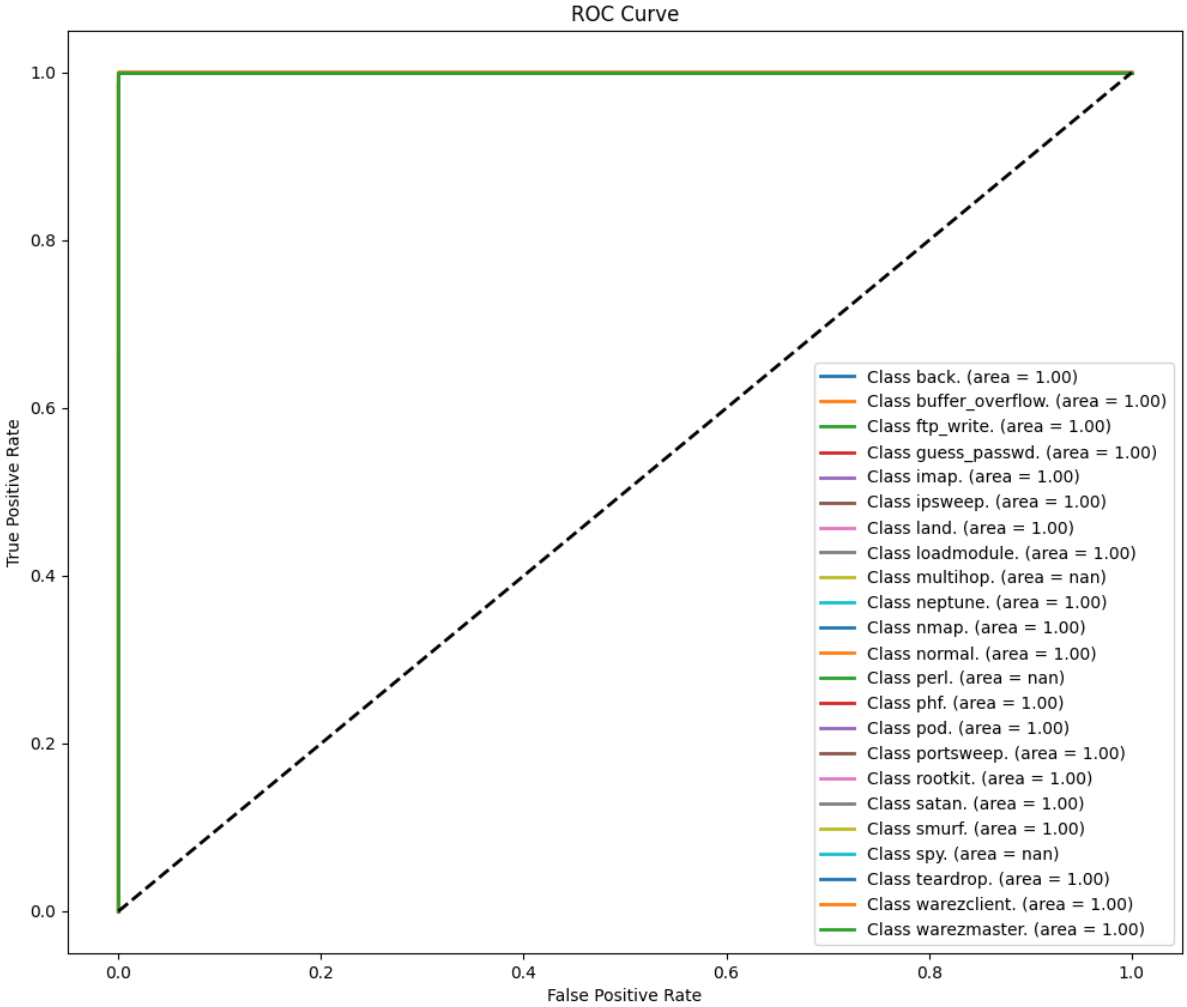
	precision	recall	f1-score	support
back.	1.00	1.00	1.00	431
buffer_overflow.	0.88	0.78	0.82	9
ftp_write.	0.00	0.00	0.00	1
guess_passwd.	1.00	0.75	0.86	8
imap.	1.00	0.33	0.50	3
ipsweep.	1.00	0.99	1.00	263
land.	0.67	0.67	0.67	3
loadmodule.	0.00	0.00	0.00	1
multihop.	0.00	0.00	0.00	0
neptune.	1.00	1.00	1.00	21410
nmap.	0.98	0.98	0.98	43
normal.	1.00	1.00	1.00	19368
phf.	0.00	0.00	0.00	1
pod.	1.00	0.97	0.99	40
portsweep.	1.00	1.00	1.00	224
rootkit.	0.00	0.00	0.00	1
satan.	1.00	0.97	0.99	307
smurf.	1.00	1.00	1.00	56297
teardrop.	1.00	1.00	1.00	173
warezclient.	1.00	0.94	0.97	216
warezmaster.	1.00	0.80	0.89	5
accuracy			1.00	98804
macro avg	0.74	0.68	0.70	98804

weighted avg	1.00	1.00	1.00	98804


Confusion Matrix
Actual
back.
buffer_overflow.
ftp_write.
guess_passwd.
imap.
ipsweep.
land.
loadmodule.
multihop.
neptune.
nmap.
normal.
perl.
phf.
pod.
portsweep.
rootkit.
satan.
smurf.
spy.
teardrop.
warezclient.
warezmaster.
50000
40000
30000
20000
10000
0


Precision-Recall Curve
Precision
Recall
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
Class back.
Class buffer_overflow.
Class ftp_write.
Class guess_passwd.
Class imap.
Class ipsweep.
Class land.
Class loadmodule.
Class multihop.
Class neptune.
Class nmap.
Class normal.
Class perl.
Class phf.
Class pod.
Class portsweep.
Class rootkit.
Class satan.
Class smurf.
Class spy.
Class teardrop.
Class warezclient.
Class warezmaster.


ROC Curve
True Positive Rate
False Positive Rate
0.0
0.2
0.4
0.6
0.8
1.0
Class back. (area = 1.00)
Class buffer_overflow. (area = 1.00)
Class ftp_write. (area = 1.00)
Class guess_passwd. (area = 1.00)
Class imap. (area = 1.00)
Class ipsweep. (area = 1.00)
Class land. (area = 1.00)
Class loadmodule. (area = 1.00)
Class multihop. (area = nan)
Class neptune. (area = 1.00)
Class nmap. (area = 1.00)
Class normal. (area = 1.00)
Class perl. (area = nan)
Class phf. (area = 1.00)
Class pod. (area = 1.00)
Class portsweep. (area = 1.00)
Class rootkit. (area = 1.00)
Class satan. (area = 1.00)
Class smurf. (area = 1.00)
Class spy. (area = nan)
Class teardrop. (area = 1.00)
Class warezclient. (area = 1.00)
Class warezmaster. (area = 1.00)