```matlab
function plotNetworkAccuracies(accuracy)

traininSamples = [10 25 50 100 200 400 600 800];

accuracy = [accuracy.net010
    accuracy.net025
    accuracy.net050
    accuracy.net100
    accuracy.net200
    accuracy.net400
    accuracy.net600
    accuracy.net800] * 100;

Network = ["net010"; "net025"; "net050"; "net100"; "net200"; "net400"; "net600"; "net80
Accuracy = accuracy;
T = table(Network, Accuracy)

figure;
plot(traininSamples,accuracy,'b--o')
grid on
title('Accuracies on Test Dataset')
xlabel('Training Samples per Category')
ylabel('Accuracy (%)')
ylim([55 90])


end
```