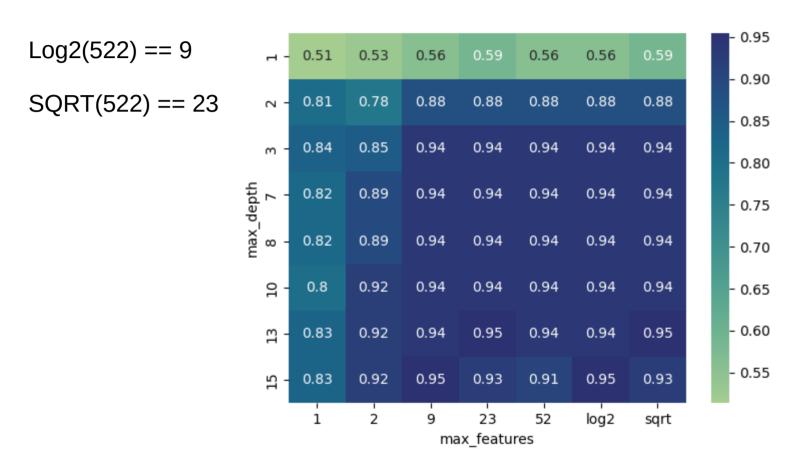
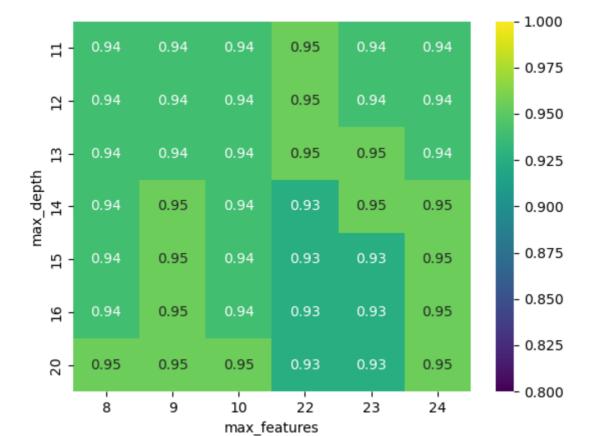
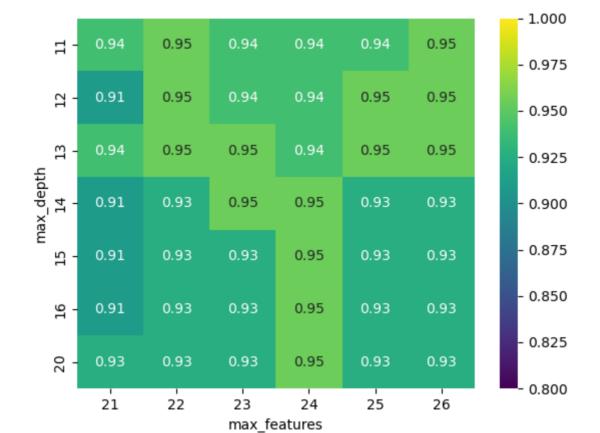
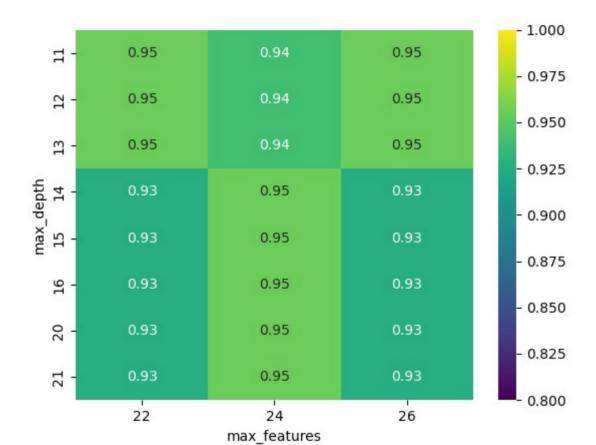
Caspofungin

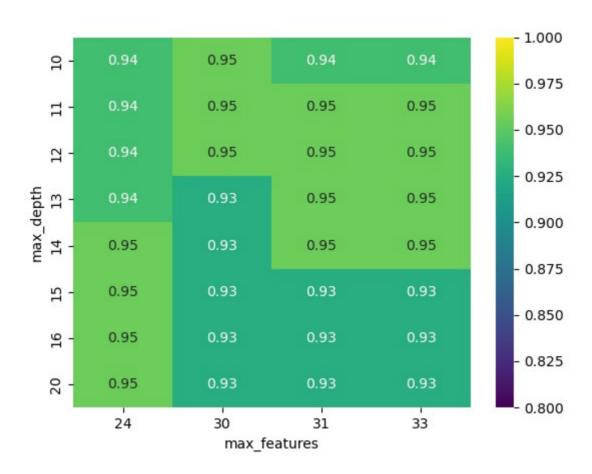








Verification



```
New gridsearch:
grid = {'n estimators': [100],
     'max features': [23, 24,25,26,27,28,29,30,31,32,33],
     'max depth': [10,11,12,13,14,15,16,17,18,19,20],
     'min samples split': [2],
     'min samples leaf': [1],
     'random state': [18]}
```

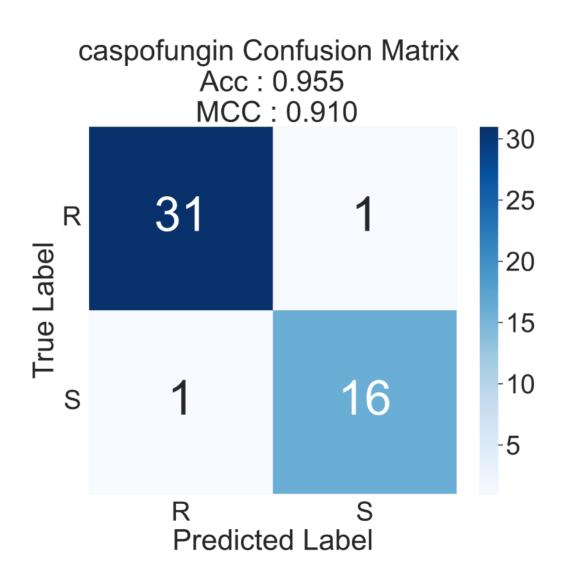
{'max_depth': 12, 'max_features': 30,

Best params caspofungin:

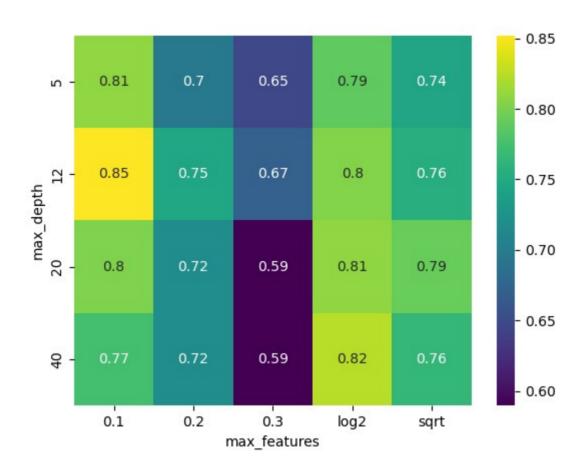
'min_samples_leaf': 1, 'min_samples_split': 2, 'n estimators': 100, 'random state': 18}

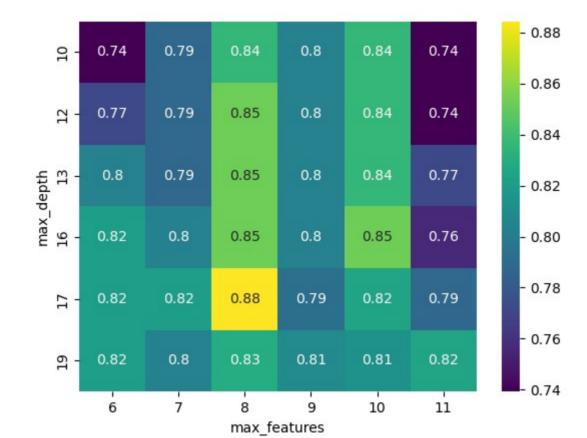
Train Balanced Acc : 0.9898648648648649

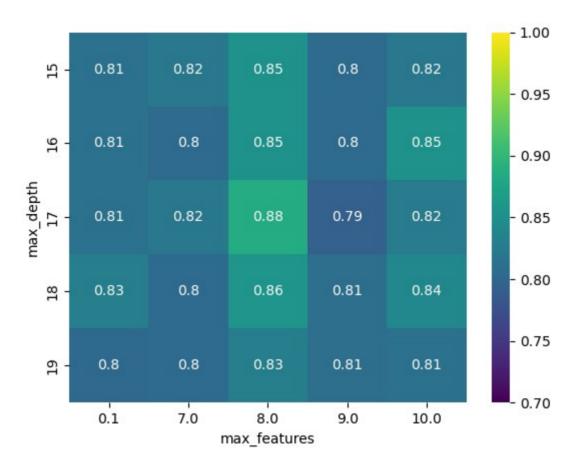
Test Balanced Acc : 0.9549632352941176



Anidulafungin



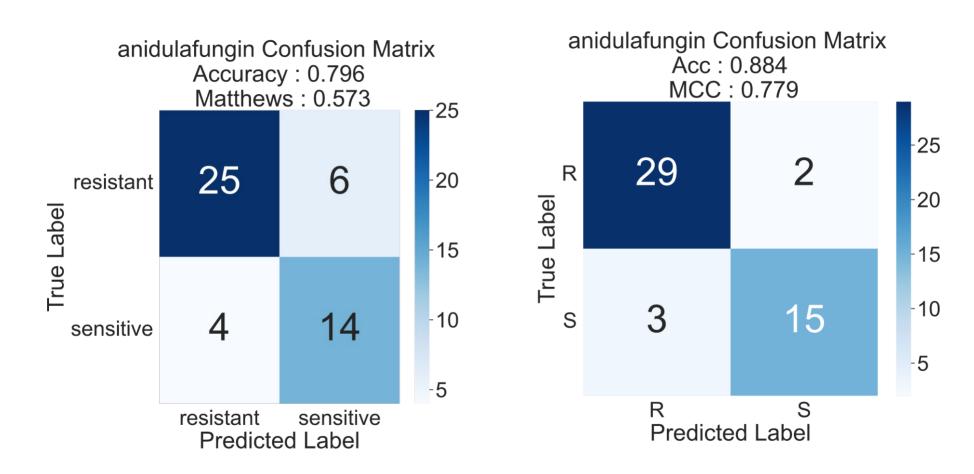




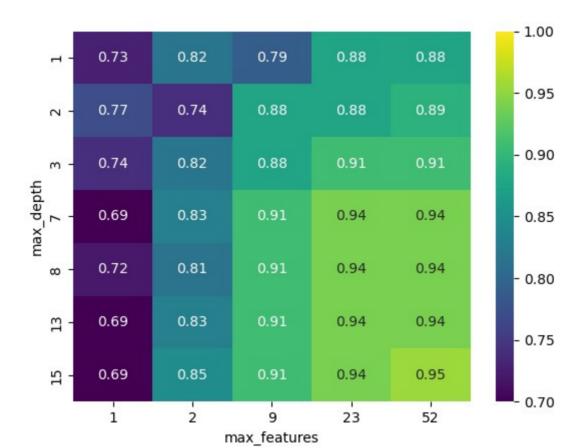
{'max_depth': 17, 'max_features': 8,

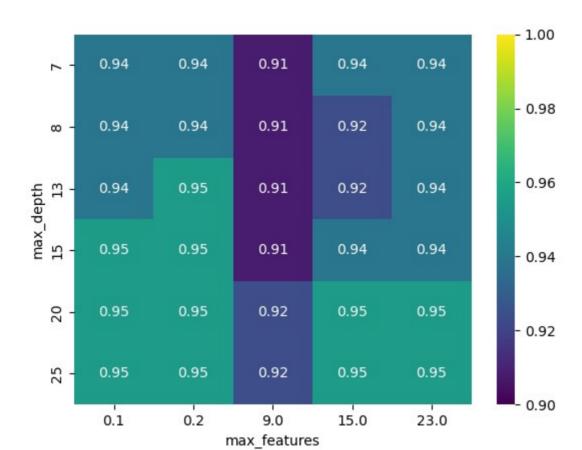
'min_samples_leaf': 1, 'min_samples_split': 2, 'n estimators': 100, 'random state': 18}

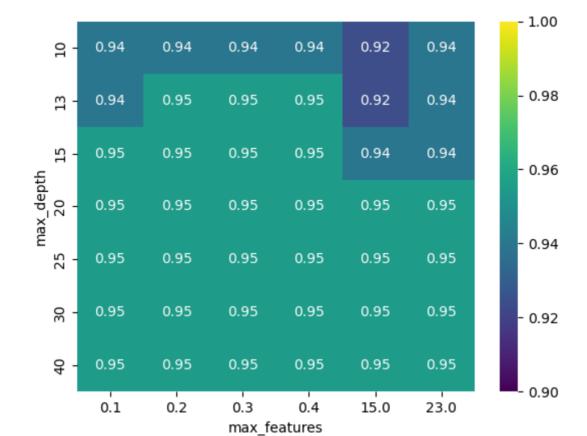
Best params anidulafungin:



Micafungin







Best params micafungin: {'max_depth': 20, 'max_features': 0.4,

'min_samples_leaf': 1, 'min_samples_split': 2, 'n estimators': 100, 'random state': 18}

