BFS for Mission Complete
Total States: 65
(Location: battery
Sample Extracted?: True
Holding Sample?: False
Charged? True, 'move_to_battery')

BFS for moveToSample
Total States: 4
(Location: sample
Sample Extracted?: False
Holding Sample?: False
Charged? False, 'move_to_sample')

BFS for removeSample
Total States: 47
(Location: sample
Sample Extracted?: True
Holding Sample?: True
Charged? False, 'pick_up_sample')

BFS for returnToCharger
Total States: 8
(Location: battery
Sample Extracted?: False
Holding Sample?: False
Charged? False, 'move_to_battery')