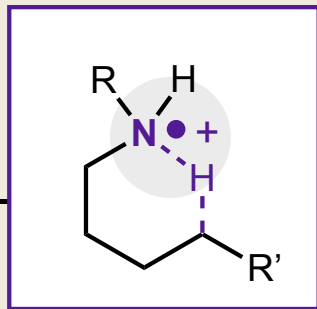
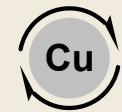
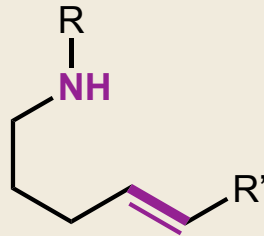


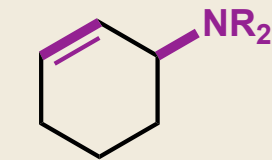
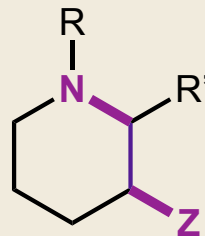
unprotected
amines



polarity matched HAT
via N-radical cations



δ desaturation to heterocycles
double C-H



intermolecular
desaturative
amination
triple C-H