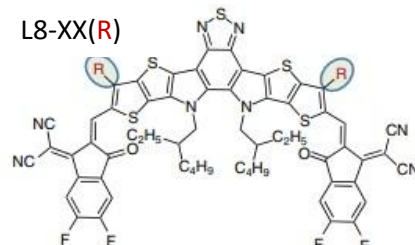
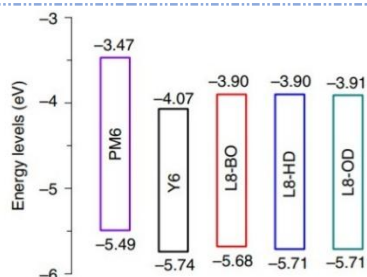
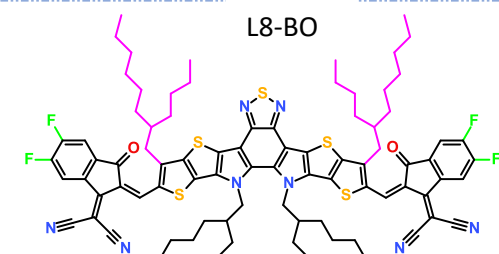
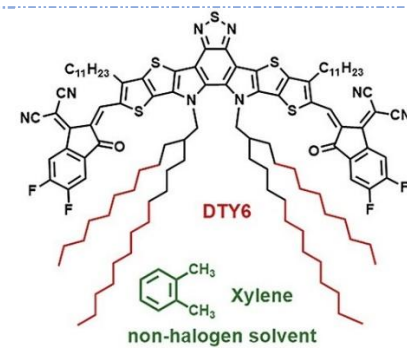
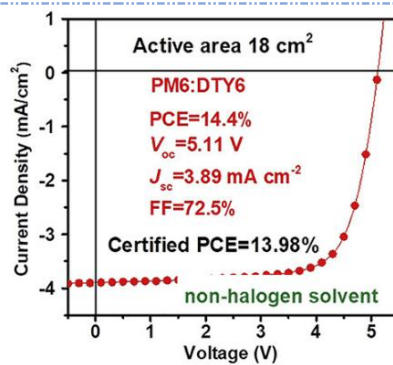
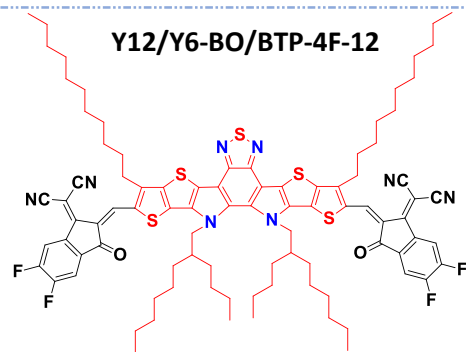
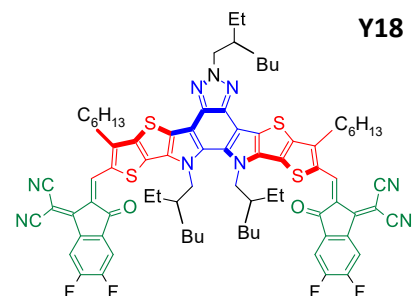
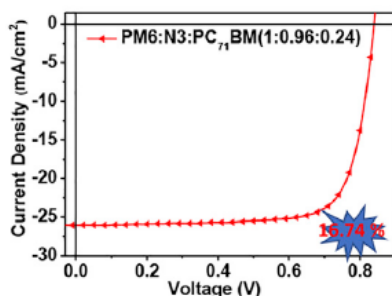
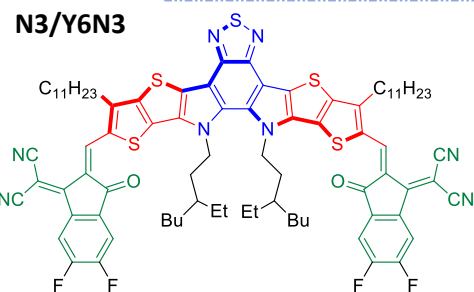
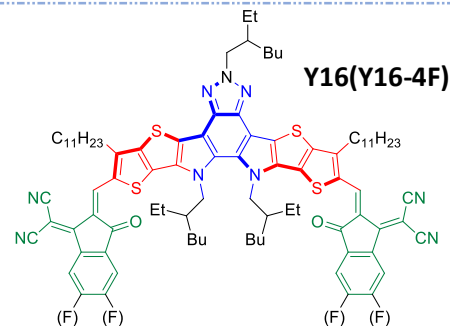
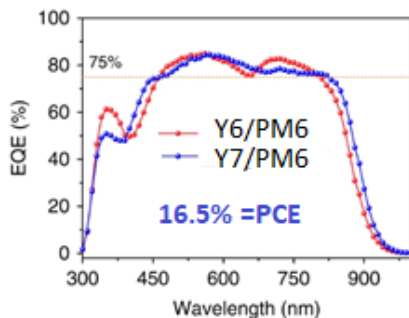
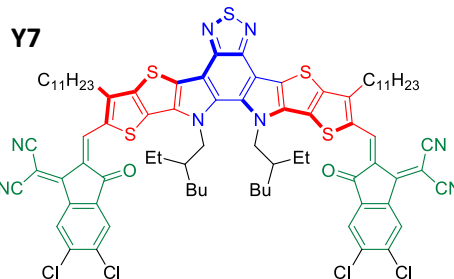
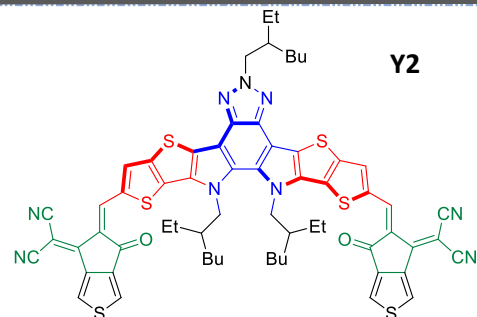
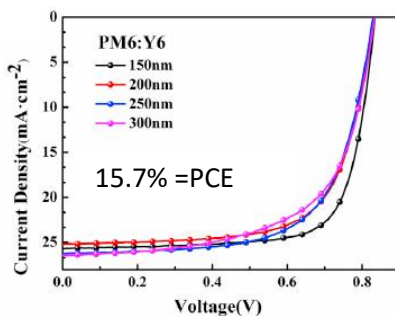
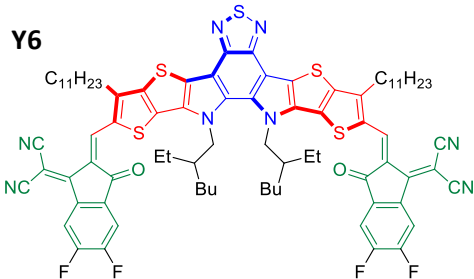
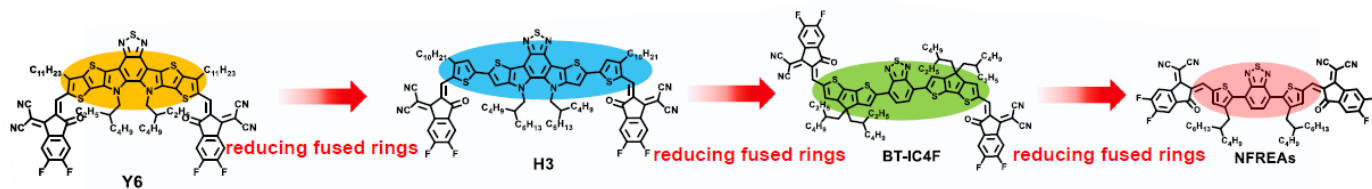




NFA: Fused rings with a ladder-type electron-deficient-core are now commonly employed in the molecular design of high-performance non-fullerene acceptors (NFA) for OPVs.

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Reducing fused rings; Simplifying synthetic steps; Increasing intramolecular noncovalent interaction

