

Blue emitting BCNO phosphors with high quantum yields

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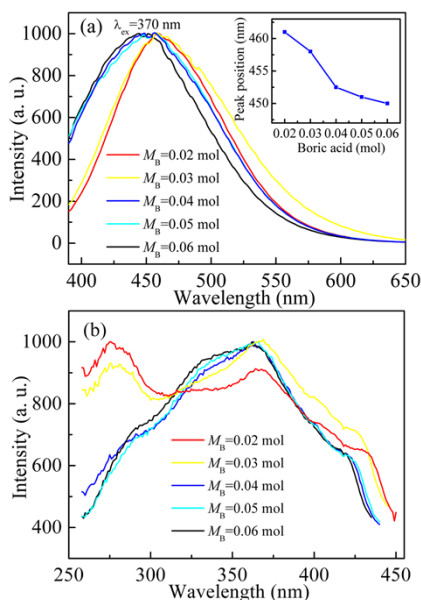


Fig. S1. (a) Normalized emission spectra and (b) Normalized excitation spectra of BCNO phosphors prepared with $M_B=0.02-0.06$ mol, the inset of (a) shows the emission peak position versus boric acid concentration.

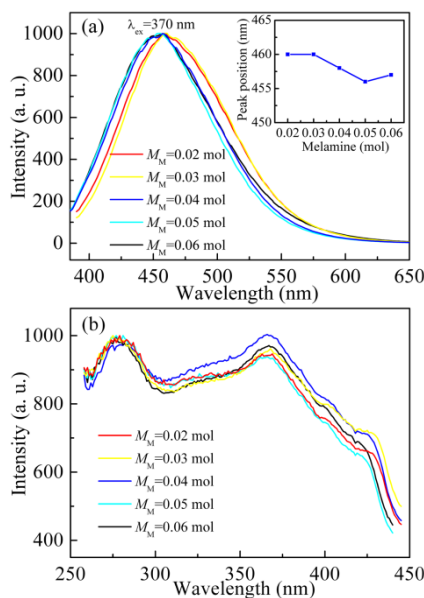


Fig. S2. (a) Normalized Emission spectra of BCNO phosphors prepared with different contents of melamine and emission peak position versus melamine concentration (Inset). (b) Normalized excitation spectra of BCNO phosphors prepared with $M_M=0.02-0.06$ mol.