New polyoxomolybdate compounds synthesized in situ using ionic liquid 1-butyl-3-methyl-imidazolium tetrafluoroborate as green solvent

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Supporting Information
Fig. S1. PXRD pattern of 1 (a), 2 (b), 3 (c). Blue lines represent the simulated PXRD pattern for each compound.
(a)

(b)

(c)
Fig. S2. Thermogravimetric profile of 1 (a), 2 (b), and 3 (c) at the heating rate of 5 °C/min under N₂.
Fig. S3. ORTEP plots for the anion(s) of 1 (a), 2 (b), and 3 (c). Color explanation: Green, Mo; Pink, P; Red, O.

Fig. S4. UV/VIS diffuse reflectance spectrum for compound 3.