## (a) Step 1: Foreground-aware NeRF Training Captured Images Color Field $(\boldsymbol{p},\boldsymbol{d}) \rightarrow c$ $\mathcal{L}_{MSE}$ Prompt: a bear statue Grounded-SAM \*\*\* $p \rightarrow \sigma$ $\mathcal{L}_{BCE}$ $(\boldsymbol{p},\boldsymbol{d}) \rightarrow m$ **Original NeRF** Mask Field Pseudo Foreground Masks (b) Step 2: Reference Subject Learning



