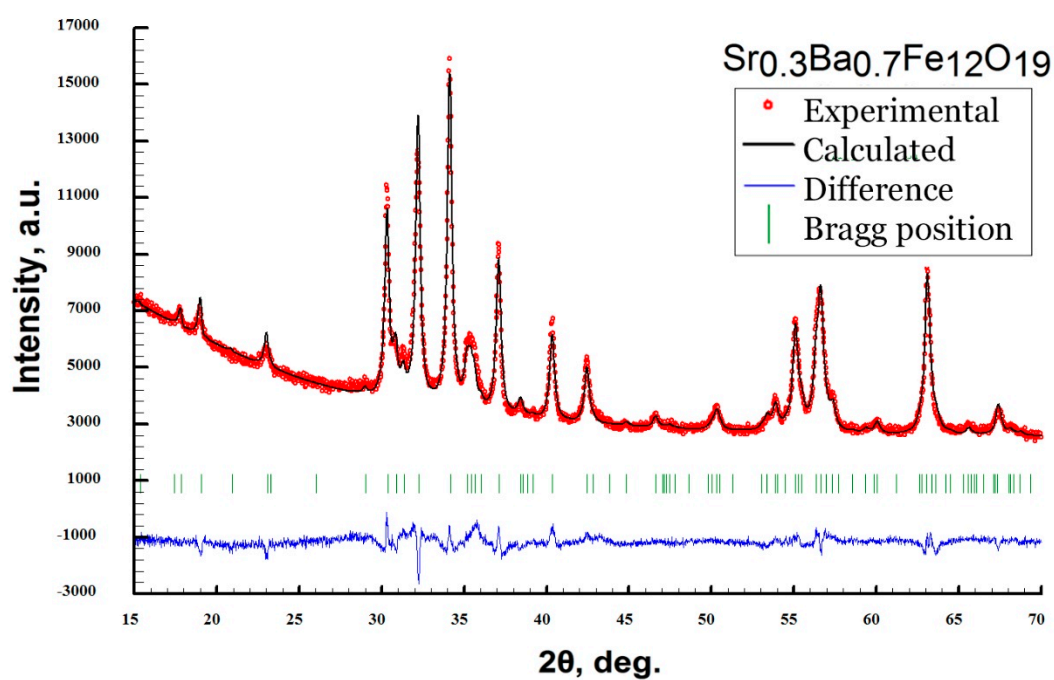
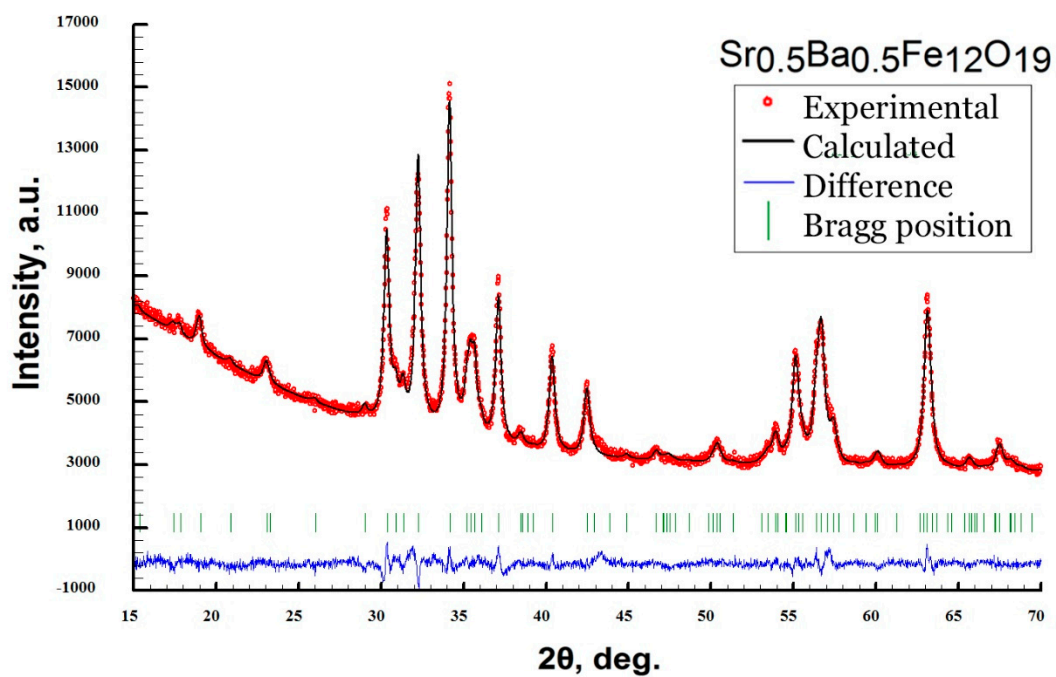


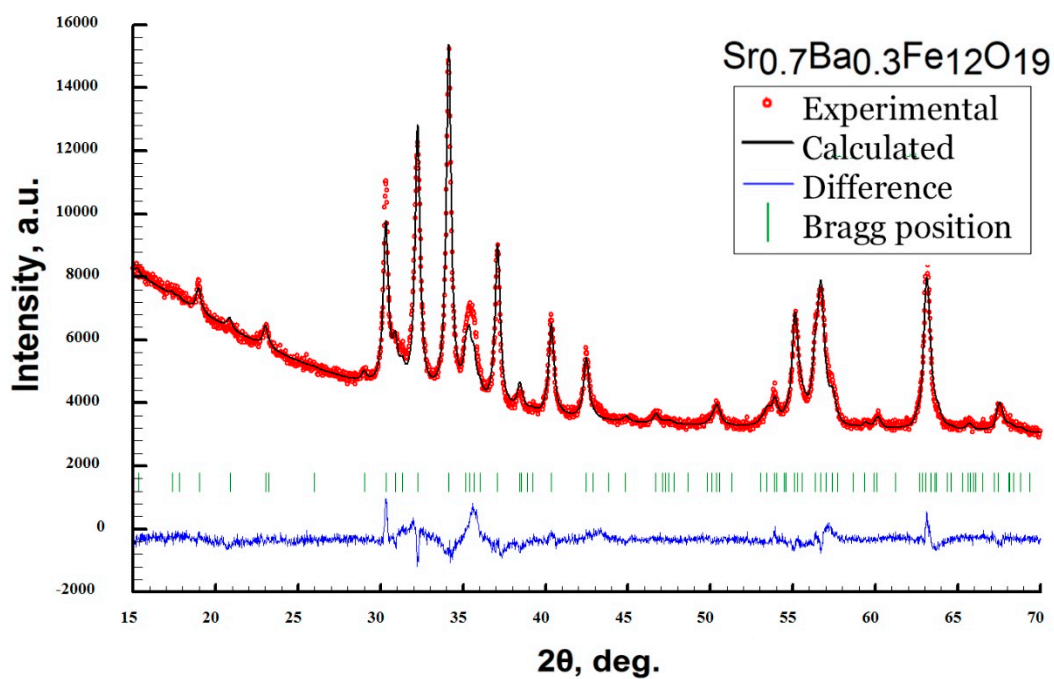
**Figure S1.** Rietveld refinement of the XRD patterns of sample  $\text{BaFe}_{12}\text{O}_{19}$ , obtained using the citrate method.



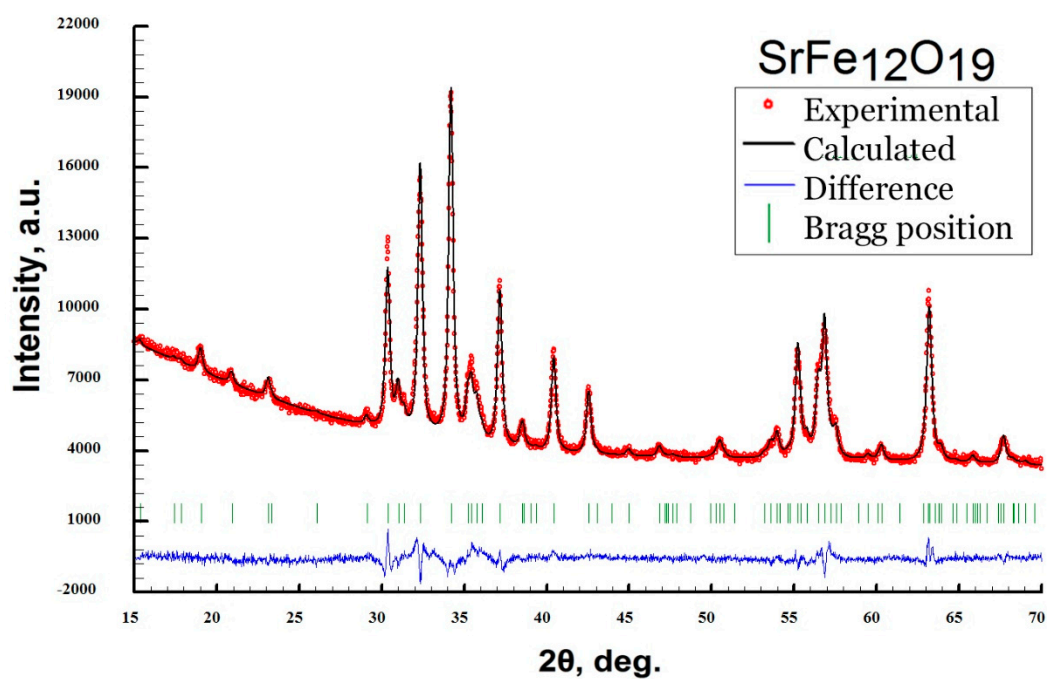
**Figure S2.** Rietveld refinement of the XRD patterns of sample  $\text{Sr}_{0.3}\text{Ba}_{0.7}\text{Fe}_{12}\text{O}_{19}$ , obtained using the citrate method.



**Figure S3.** Rietveld refinement of the XRD patterns of sample Sr<sub>0.5</sub>Ba<sub>0.5</sub>Fe<sub>12</sub>O<sub>19</sub>, obtained using the citrate method.



**Figure S4.** Rietveld refinement of the XRD patterns of sample Sr<sub>0.7</sub>Ba<sub>0.3</sub>Fe<sub>12</sub>O<sub>19</sub>, obtained using the citrate method.



**Figure S5.** Rietveld refinement of the XRD patterns of sample SrFe<sub>12</sub>O<sub>19</sub>, obtained using the citrate method.