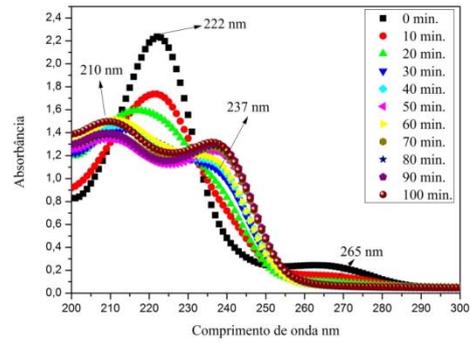
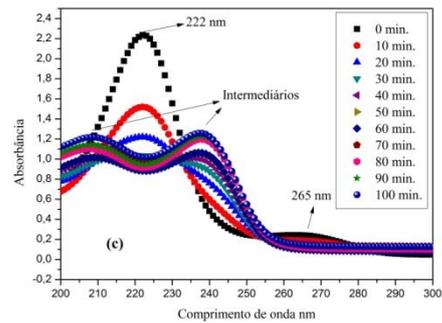
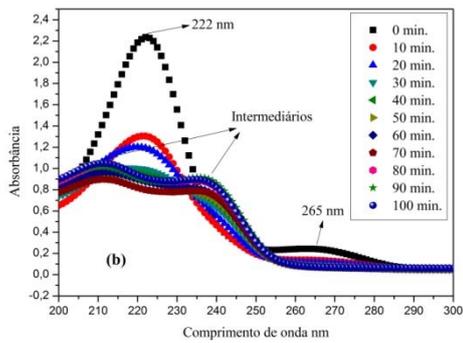
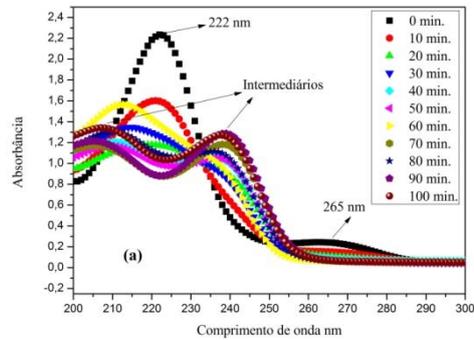


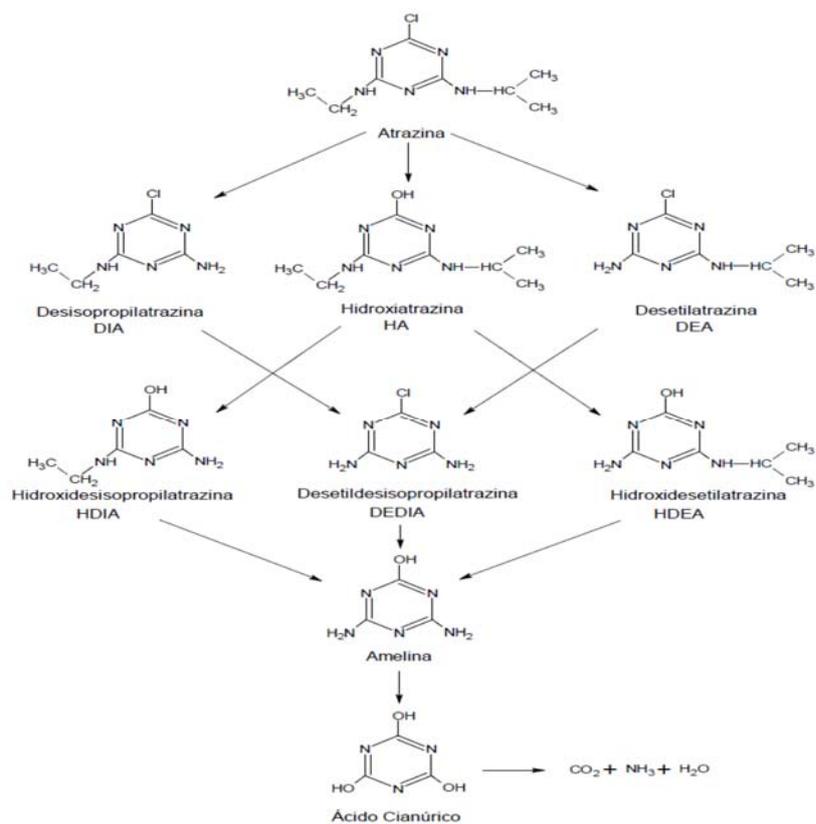
## MATERIAL SUPLEMENTAR



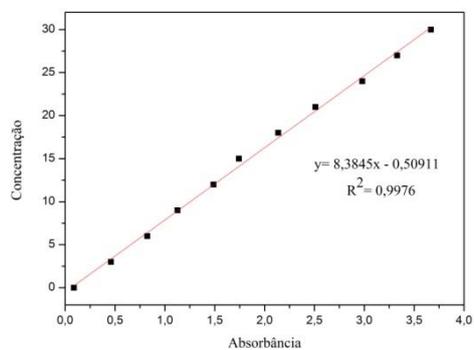
*Figura 1S. Espectro de absorbância ultravioleta da solução de atrazina submetida à fotólise direta*



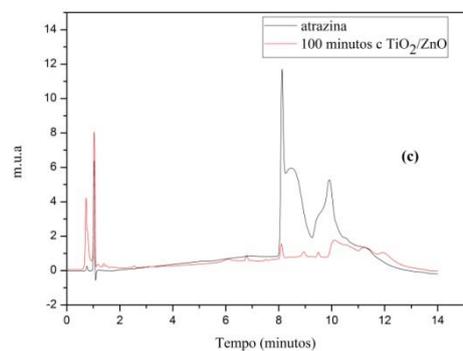
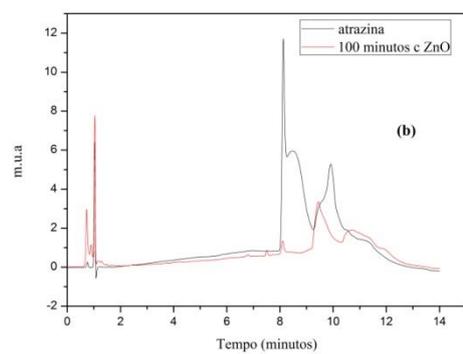
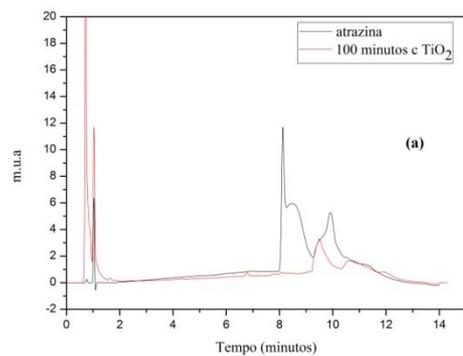
*Figura 2S. Curvas de fotodegradação da atrazina na presença de a) TiO<sub>2</sub> b) ZnO c) TiO<sub>2</sub>/ZnO*



*Figura 3S. Rotas de degradação da atrazina<sup>25</sup>*



*Figura 4S. Curva de calibração com regressão linear para a atrazina*



**Figura 5S.** Cromatogramas obtidos para o padrão de atrazina e após 100 minutos de reação na presença de (a)  $\text{TiO}_2$  (b)  $\text{ZnO}$  e (c)  $\text{TiO}_2/\text{ZnO}$