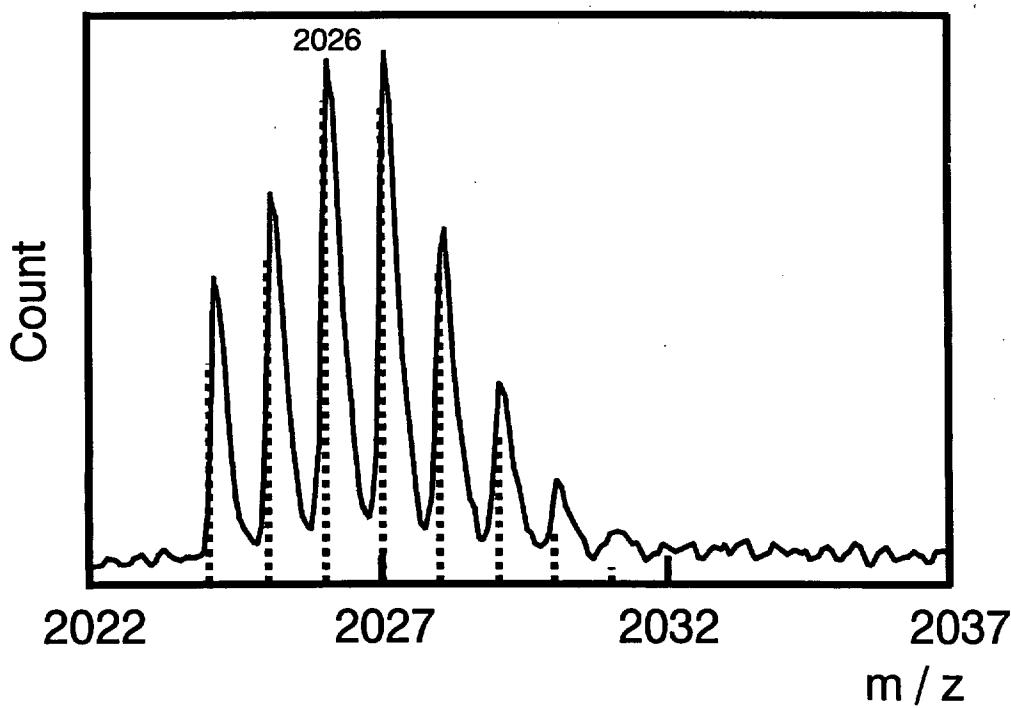
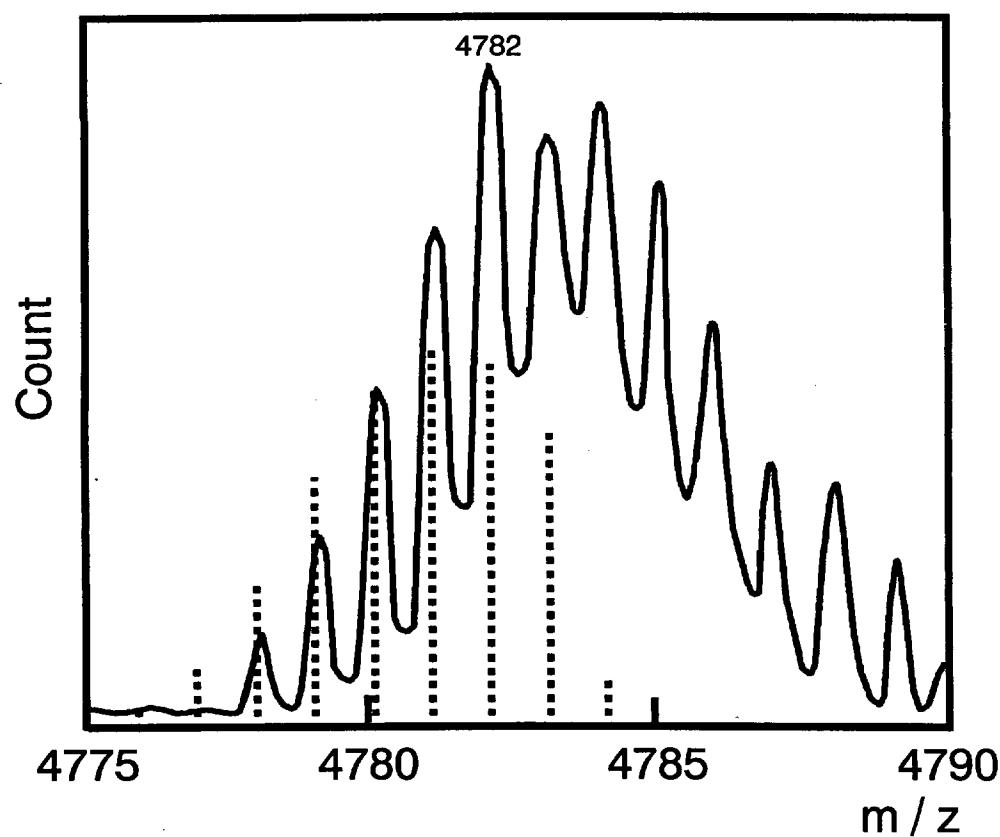
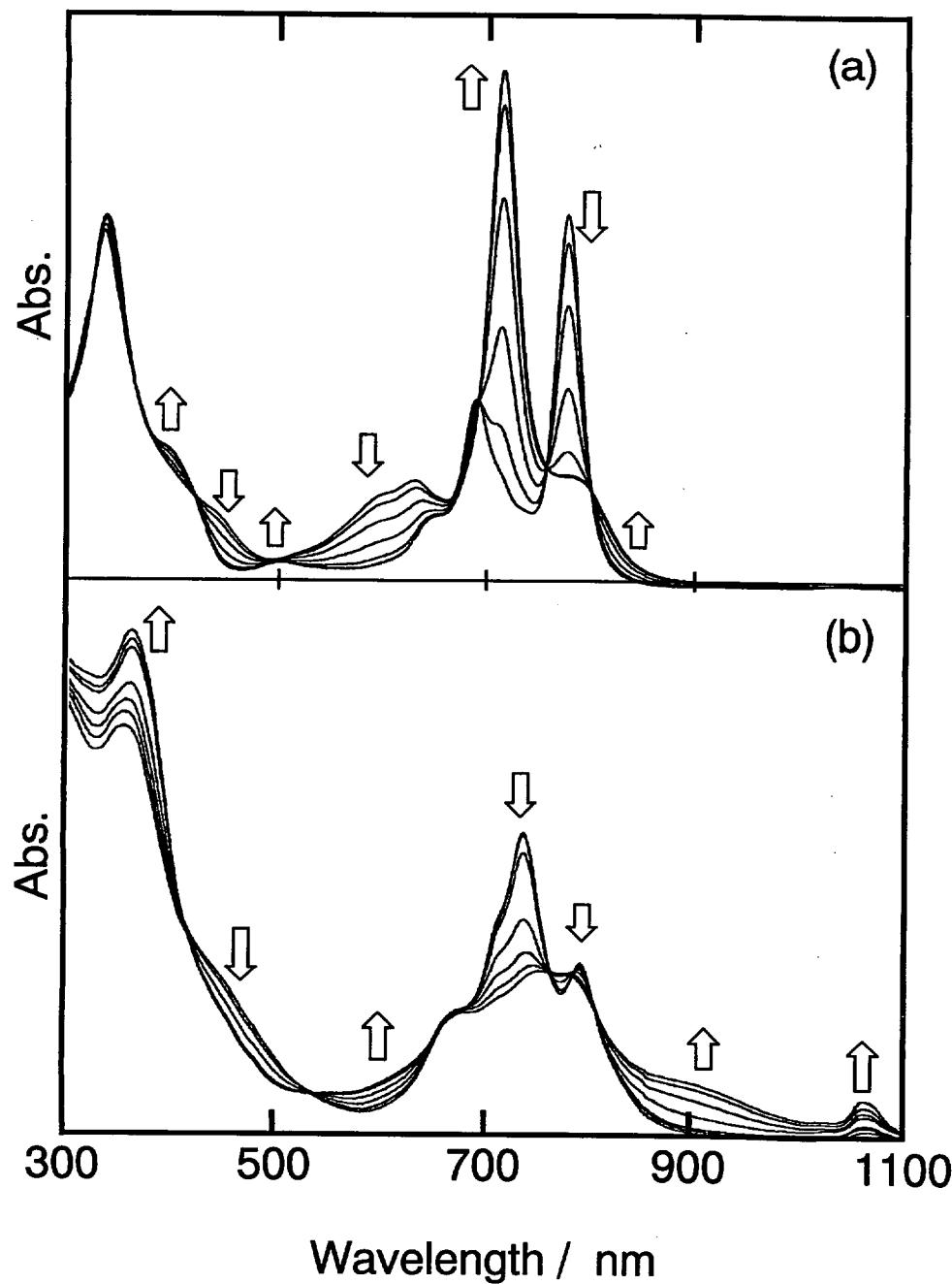

Figure S1. The mass spectra of {Eu[2,3-Nc(SC₁₂H₂₅)₈]₂, 1} (top) and {Eu[2,3-Nc(*t*-Bu)₄]₂, 2} (bottom). The matrices are dithranol and α -cyano-4-hydroxycinnamic acid for 1 and 2, respectively. Solid lines are experimental data and dotted lines represent theoretical plots.

Figure S2. The absorption spectral changes observed during reduction (using hydrazine) of (a) Eu[2,3-Nc(*t*-Bu)₄]₂, in DMF (first stage) and (b) Eu[2,3-Nc(SC₁₂H₂₅)₈]₂ in a mixture of DMF and dichlorobenzene (second stage).

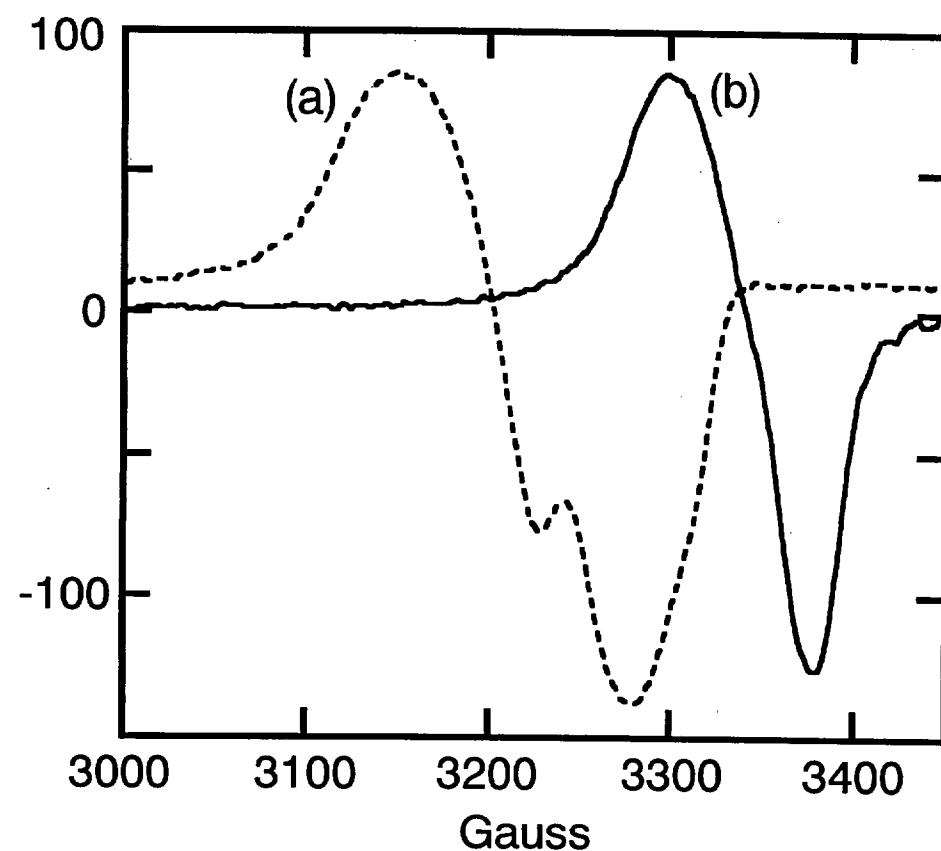
Figure S3. EPR spectra of (a) Eu[2,3-Nc(*t*-Bu)₄]₂, (*g* = 2.09(2)) and (b) Eu[2,3-Nc(SC₁₂H₂₅)₈]₂ (*g* = 2.01(1)) in toluene at 20 K.



T. Nyokong et al. Fig. S1



T. Nyokong et al. Fig. S2



T. Nyokong et al. Fig. S3