# Strategies towards the EPR-Effect by Increasing the Molecular Weight of Arene Ruthenium Metalla-Assemblies 

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Figure S1. ESI mass spectrum of 1a (positive mode).


Figure S2. ESI-MS of the peak corresponding to the fragmentation $[\mathbf{1 a}-\mathrm{Cl}]^{+}$(left), and its calculated isotopic pattern (right).


Figure S3. ESI mass spectrum of $\mathbf{1 b}$ (positive mode).



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Figure S5. ESI mass spectrum of $\mathbf{1 c}$ (positive mode).


Figure S6. ESI-MS of the peak corresponding to the fragmentation $[\mathbf{1 c}-\mathrm{Cl}]^{+}$(left), and its calculated isotopic pattern (right).


Figure S7. ESI mass spectrum of 2a (positive mode).


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Figure S10. ESI mass spectrum of $\mathbf{2 b}$ (positive mode).


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Figure S15. ESI-MS of the peak corresponding to the fragmentation [2c-2 $\left.\mathrm{CF}_{3} \mathrm{SO}_{3}\right]^{2+}$ (left), and its calculated isotopic pattern (right).

