

11. Charles, L., MALDI of synthetic polymers with labile end-groups. *Mass Spectrometry Reviews* **2014**, *33* (6) 523-543
10. Mollica, G.; Le, D.; Ziarelli, F.; Casano, G.; Ouari, O.; Phan, T. N. T.; Aussenac, F.; Thureau, P.; Gimes, D.; Tordo, P.; Viel, S., Observing Apparent Nonuniform Sensitivity Enhancements in Dynamic Nuclear Polarization Solid-State NMR Spectra of Polymers. *ACS Macro Letters* **2014**, *3* (9) 922-925
9. Fouquet, T.; Charles, L.; Ruch, D., Collision-induced cage folding of partially condensed polyhedral oligomeric silsesquioxanes (POSS) bearing naked and capped silanols. *Rapid Communications in Mass Spectrometry* **2014**, *28* (16) 1849-1852
8. Rosselin, M.; Choteau, F.; Zeamari, K.; Nash, K. M.; Das, A.; Lauricella, R.; Lojou, E.; Tuccio, B.; Villamena, F. A.; Durand, G., Reactivities of Substituted alpha-Phenyl-N-tert-butyl Nitrones. *Journal of Organic Chemistry* **2014**, *79* (14) 6615-6626
7. Le, D.; Casano, G.; Phan, T. N. T.; Ziarelli, F.; Ouari, O.; Aussenac, F.; Thureau, P.; Mollica, G.; Gimes, D.; Tordo, P.; Viel, S., Optimizing Sample Preparation Methods for Dynamic Nuclear Polarization Solid-state NMR of Synthetic Polymers. *Macromolecules* **2014**, *47* (12) 3909-3916
6. Tintaru, A.; Chendo, C.; Wang, Q.; Viel, S.; Quelever, G.; Peng, L.; Posocco, P.; Pricl, S.; Charles, L., Conformational sensitivity of conjugated poly(ethylene oxide)-poly(amidoamine) molecules to cations adducted upon electrospray ionization - A mass spectrometry, ion mobility and molecular modeling study. *Analytica Chimica Acta* **2014**, *808*, 163-174
5. Mayeux, C.; Massi, L.; Gal, J. F.; Charles, L.; Burk, P., Catalytic Effect of Cesium Cation Adduct Formation on the Decarboxylation of Carboxylate Ions in the Gas Phase. *Chemistry – A European Journal* **2014**, *20* (3), 815-823
4. Thureau, P.; Mollica, G.; Ziarelli, F.; Viel, S., Solid-State H-1 NMR Studies of Homonuclear Dipolar Couplings. In *Annual Reports on NMR Spectroscopy, Vol 82*, Webb, G. A., Ed. **2014**; Vol. 82, pp 217-249
3. Ruiz, J.; Azema, J.; Payrastra, C.; Baltas, M.; Tuccio, B.; Vial, H.; Andre-Barres, C., Antimalarial Bicyclic Peroxides Belonging to the G-Factor Family: Mechanistic Aspects of their Formation and Iron (II) Induced Reduction. *Current Topics in Medicinal Chemistry* **2014**, *14* (14) 1668-1683
2. Ziarelli, F.; Casciola, M.; Pica, M.; Donnadio, A.; Aussenac, F.; Sauvee, C.; Capitani, D.; Viel, S., Dynamic nuclear polarisation NMR of nanosized zirconium phosphate polymer fillers. *Chemical Communications* **2014**, *50* (70) 10137-10139
1. Drujon, J.; Rahmani, R.; Heran, V.; Blanc, R.; Carissan, Y.; Tuccio, B.; Commeiras, L.; Parrain, J. L., trans-1,2-Disiloxybenzocyclobutene, an adequate partner for the auto-oxidation: EPR/spin trapping and theoretical studies. *Physical Chemistry Chemical Physics* **2014**, *16* (16) 7513-7520