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$C_2F_6O_2S_2$ $CF_3SO_2SCF_3$	**Trifluoromethanesulfonothioic acid trifluoromethyl ester** Structure by ED and ab initio calculations *S. L. Masters, D. A. Wann, H. E. Robertson, D. W. H. Rankin, A. Ben Altabef et al.* Manuscript in preparation
$C_3H_6NCl_3$ $N(CH_2Cl)_3$	**Tris(chloromethyl)amine** Structure by ED and ab initio calculations, interpretation of Raman spectra *C. D. Rankine, S. J. Atkinson, M. R. Waterland, S. L. Masters, and D. A. Wann* Manuscript in preparation
$C_9H_{10}N_2$ $(CH_3)_2NC_6H_4CN$	**4-(Dimethylamino)benzonitrile** Structure by ED and ab initio calculations *C. D. Rankine, S. Young, and D. A. Wann* Manuscript in preparation
	Nido-5,6-dicarbaborane derivatives Structure by X-ray diffraction and ab initio calculations *B. Štíbr, J. Holub, M. Bakardjiev, P. D. Lane, M. L. McKee, D. A. Wann, and D. Hnyk* Inorg. Chem, **56** (2017) 852
	1,2-Dithiane Structure and dynamics by ab initio and DFT calculations *C. D. Rankine, J. P. F. Nunes, M. S. Robinson, P. D. Lane, and D. A. Wann* Phys. Chem. Chem. Phys., **18** (2016) 27170
	Brominated carbaboranes Structure by ab initio calculations *J. Fanfrlík, J. Holub, J. Řezáč, P. D. Lane, D. A. Wann, D. Hnyk, A. Růžička, and P. Hobza* ChemPhysChem, **17** (2016) 3373
	Apparatus development York time-averaged electron diffractometer *M. H. P. Ardebili, R. S. Fender, M. A. D. Fluendy, S. A. Hayes, P. D. Lane, S. L. Masters, R. J. Mawhorter, J. P. F. Nunes, P. Papathomas, D. W. H. Rankin, C. D. Rankine, D. A. Wann, and S. Young* Manuscript in preparation
	Apparatus development Simulations of the temporal and spatial resolution for a compact time-resolved electron diffractometer *M. S. Robinson, P. D. Lane, and D. A. Wann* J. Phys. B: At. Mol. Opt. Phys., **49** (2016) 034003
	Hydronium ion complex Structure by ab initio calculations *Z. Růžičková, J. Holub, P. Melichar, J. Moncol, D. A. Wann, J. Fanfrlík, A. Růžička, and D. Hnyk* Eur. J. Org. Chem., (2016) 4473