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C₂F₆O₂S₂ CF ₃ SO ₂ SCF ₃	Trifluoromethanesulfonothioic acid trifluoromethyl ester Structure by GED and ab initio calculations <i>S. L. Masters, D. A. Wann, H. E. Robertson, D. W. H. Rankin, A. Ben Altabef et al.</i> Manuscript in preparation
C₃H₆Cl₃N N(CH ₂ Cl) ₃	Tris(chloromethyl)amine Structure by GED, Raman Spectroscopy and Computational Methods <i>C. D. Rankine, S. J. Atkinson, M. Waterland, D. A. Wann, and S. L. Masters</i> Struct. Chem., 29 (2018) 803
C₃H₁₀BN C ₃ H ₇ N-BH ₃	Azetidine-borane Structure by GED and ab initio calculations <i>A. M. Ja'o, J. P. F. Nunes, C. D. Rankine, D. A. Wann, and S. L. Masters</i> Manuscript in preparation
C₄H₁₂BN C ₄ H ₉ N-BH ₃	Pyrrolidine-borane Structure by GED and ab initio calculations <i>A. M. Ja'o, J. P. F. Nunes, C. D. Rankine, D. A. Wann, and S. L. Masters</i> Manuscript in preparation
C₄H₁₂BNO C ₄ H ₁₂ NO-BH ₃	Morpholine-borane Structure by GED and ab initio calculations <i>A. M. Ja'o, J. P. F. Nunes, C. D. Rankine, D. A. Wann, and S. L. Masters</i> Manuscript in preparation
C₄H₁₅B₂N	Piperidine-diborane Structure by GED and ab initio calculations <i>A. M. Ja'o, J. P. F. Nunes, C. D. Rankine, D. A. Wann, and S. L. Masters</i> Manuscript in preparation
C₅H₁₄BN C ₅ H ₁₁ N-BH ₃	Piperidine-borane Structure by GED and ab initio calculations <i>A. M. Ja'o, J. P. F. Nunes, C. D. Rankine, D. A. Wann, and S. L. Masters</i> Manuscript in preparation
C₆H₈O₄	2,2-Dimethyl-1,3-dioxane-4,6-dione (Meldrum's Acid) Structure by GED and ab initio calculations <i>S. J. Atkinson and S. L. Masters</i> Manuscript in preparation
C₇H₁₆Cl₃PSi (tBu)iPr)PSiCl ₃	(Tert-butyl)(iso-propyl)(trichlorosilyl)phosphine Structure by GED and ab initio calculations <i>C. O. Burn, E. Seppälä, H. E. Robertson W.-W. du Mont, and S. L. Masters</i> Manuscript in preparation
C₁₂H₃₆P₂Si₄	1,1,2,2-Tetrakis(trimethylsilyl)diphosphane Structure by GED, UCONGA and ab initio / DFT methods

$P_2(SiMe_3)_4$	<i>A. P. Flanagan, H. Humphrey-Taylor, N. R. Gunby, H. E. Robertson, and S. L. Masters</i> Manuscript complete
$C_{14}H_{14}O_2S$ $(C_6H_5CH_2)_2SO_2$	Dibenzyl sulfone Structure by GED and ab initio / DFT methods <i>R. Noble-Eddy, B. H. C. Wilson, and S. L. Masters</i> Manuscript in preparation
$C_{18}H_{54}Si_8$ $Si_2(SiMe_3)_6$	Hexakis-(trimethylsilyl)-disilane Vibrational spectra and structure by GED and ab initio calculations <i>K. Hassler, H. E. Robertson, S. L. Masters et al.</i> Manuscript in preparation