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B₇H₉S₂ arachno-B ₇ H ₉ S ₂	arachno-Dithianonaborane(9) Structure by ED and ab initio calculations <i>D. A. Wann, P. D. Lane, H. E. Robertson, J. Holub and D. Hnyk</i> Inorg. Chem., submitted
BrNa NaBr	Sodium bromide Structure by ED and ab initio calculations <i>D. A. Wann, P. D. McCaffrey and R. J. Mawhorter</i> Manuscript complete
Br₂Na₂ Na ₂ Br ₂	Sodium bromide dimer Structure by ED and ab initio calculations <i>D. A. Wann, P. D. McCaffrey and R. J. Mawhorter</i> Manuscript complete
C₂F₆O₂S₂ CF ₃ SO ₂ SCF ₃	Trifluoromethanesulfonothioic acid trifluoromethyl ester Structure by ED 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
C₂H₄O₄S₂ O ₂ -cyclo-S(CH ₂) ₂ S-O ₂	1,3-Dithietane-1,1,3,3-tetraoxide Structure by ED and ab initio calculations <i>D. A. Wann, A. Bil, P. D. Lane, H. E. Robertson, D. W. H. Rankin and E. Block</i> Struct. Chem., in press.
C₂H₁₂B₁₀S₂ 9,12-(SH) ₂ -closo- ^{-1,2-} C ₂ B ₁₀ H ₁₀	9,12-Dimercapto-closo-1,2-dicarbadoecaborane(12) Structure by ED and ab initio calculations <i>D. A. Wann, P. D. Lane and D. Hnyk</i> Manuscript in preparation
C₂H₁₃B₇ arachno-B ₇ H ₉ (CH ₂) ₂	arachno-6,9-Dicarbonaborane(13) Structure by ED and ab initio calculations <i>D. A. Wann, P. D. Lane, H. E. Robertson, J. Holub and D. Hnyk</i> Inorg. Chem., submitted
C₆H₁₂F₆Si₂ CF ₃ Me ₂ SiSiMe ₂ CF ₃	1,2-Trifluoromethyl-1,1,2,2-tetramethyldisilane Structure by ED, X-ray diffraction and ab initio calculations, interpretation of Raman spectra <i>S. L. Masters, D. A. Wann, H. E. Robertson, F. Lennox, D. W. H. Rankin, I. Arnason, K. Hassler et al.</i> Manuscript in preparation
C₉H₂₄Br₄Si₄ C(SiMe ₂ Br) ₄	Tetrakis(bromodimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> Manuscript in preparation
C₉H₂₄Cl₄Si₄	Tetrakis(chlorodimethylsilyl)methane Structure by ED and computational methods

$C(SiMe_2Cl)_4$	<i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> Manuscript in preparation
$C_9H_{24}F_4Si_4$ $C(SiMe_2F)_4$	Tetrakis(fluorodimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> Manuscript in preparation
$C_9H_{28}Si_4$ $C(SiMe_2H)_4$	Tetrakis(dimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, S. Young, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> Manuscript in preparation
$C_{10}H_{26}Ga_2O_4$ $[Me_2Ga(OCH_2CH_2OMe)]_2$	Bis[μ-(methoxy-κO)ethanolato-$\kappa O:\kappa O$]tetramethyldigallium Structure by ED and ab initio calculations <i>C. E. Knapp, D. A. Wann, A. Bil, J. T. Schirlin, H. E. Robertson, P. F. McMillan, D. W. H. Rankin and C. J. Carmalt</i> Inorg. Chem., 51 (2012), 3324
$C_{11}H_{30}Br_2Si_4$ $C(SiMe_3)_2(SiMe_2Br)_2$	Bis(bromodimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, M. S. Robinson, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> Manuscript in preparation
$C_{11}H_{30}Cl_2Si_4$ $(Me_3Si)_2C(SiClMe_2)_2$	Bis(chlorodimethylsilyl)-bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, M. S. Robinson, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> Manuscript in preparation
$C_{11}H_{32}Si_4$ $C(SiMe_3)_2(SiMe_2H)_2$	Bis(dimethylsilyl)bis(trimethylsilyl)methane Structure by ED and computational methods <i>D. A. Wann, K. Baetz, M. S. Robinson, S. L. Masters, H. E. Robertson and P. D. Lickiss</i> Manuscript in preparation
$C_{12}H_{30}Ga_2O_2$ $[Me_2GaOtBu]_2$	Di-μ-tert-butoxytetramethyldigallium Structure by ED and ab initio calculations <i>C. E. Knapp, D. A. Wann, A. Bil, J. T. Schirlin, H. E. Robertson, P. F. McMillan, D. W. H. Rankin and C. J. Carmalt</i> Inorg. Chem., 51 (2012), 3324
FNa NaF	Sodium fluoride Structure by ED and ab initio calculations <i>D. A. Wann, P. D. McCaffrey and R. J. Mawhorter</i> Manuscript complete
F₂Na₂ Na ₂ F ₂	Sodium fluoride dimer Structure by ED and ab initio calculations <i>D. A. Wann, P. D. McCaffrey and R. J. Mawhorter</i> Manuscript complete
INa NaI	Sodium iodide Structure by ED and ab initio calculations <i>D. A. Wann, P. D. McCaffrey and R. J. Mawhorter</i> Manuscript complete
I₂Na₂ Na ₂ I ₂	Sodium iodide dimer Structure by ED and ab initio calculations <i>D. A. Wann, P. D. McCaffrey and R. J. Mawhorter</i> Manuscript complete