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$B_7H_9S_2$ arachno-$B_7H_9S_2$	**arachno-Dithianonaborane(9)** Structure by ED and ab initio calculations *D. A. Wann, P. D. Lane, H. E. Robertson, J. Holub, and D. Hnyk* Inorg. Chem., **52** (2013), 4502
BrNa NaBr	**Sodium bromide** Structure by ED and ab initio calculations *D. A. Wann, D. W. H. Rankin, P. D. McCaffrey, and R. J. Mawhorter* Manuscript submitted
Br_2Na_2 Na_2Br_2	**Sodium bromide dimer** Structure by ED and ab initio calculations *D. A. Wann, D. W. H. Rankin, P. D. McCaffrey, and R. J. Mawhorter* Manuscript submitted
$C_2F_6O_2S_2$ $CF_3SO_2SCF_3$	**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
$C_2H_4O_4S_2$ O_2-cyclo-$S(CH_2)_2S$-O_2	**1,3-Dithietane-1,1,3,3-tetraoxide** Structure by ED and ab initio calculations *D. A. Wann, A. Bil, P. D. Lane, H. E. Robertson, D. W. H. Rankin, and E. Block* Struct. Chem., **24** (2013), 827
$C_2H_{12}B_{10}S_2$ 9,1$_2$-$(SH)_2$-closo-$_1$,2-$C_2B_{10}H_{10}$	**9,12-Dimercapto-closo-1,2-dicarbadodecarborane(12)** Structure by ED and ab initio calculations *D. A. Wann, P. D. Lane, H. E. Robertson, T. Base, and D. Hnyk* Dalton Trans., **42** (2013), 12015
$C_2H_{13}B_7$ arachno-$B_7H_9(CH_2)_2$	**arachno-6,9-Dicarbanonaborane(13)** Structure by ED and ab initio calculations *D. A. Wann, P. D. Lane, H. E. Robertson, J. Holub, and D. Hnyk* Inorg. Chem., **52** (2013), 4502
$C_6H_{12}F_6Si_2$ $CF_3Me_2SiSiMe_2CF_3$	**1,2-Trifluoromethyl-1,1,2,2-tetramethyldisilane** Structure by ED, X-ray diffraction and ab initio calculations, interpretation of Raman spectra *S. L. Masters, D. A. Wann, H. E. Robertson, F. Lennox, D. W. H. Rankin, I. Arnason, K. Hassler et al.* Manuscript in preparation
$C_9H_{24}Br_4Si_4$ $C(SiMe_2Br)_4$	**Tetrakis(bromodimethylsilyl)methane** Structure by ED and computational methods *D. A. Wann, K. Bätz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss* Manuscript completed
$C_9H_{24}Cl_4Si_4$	**Tetrakis(chlorodimethylsilyl)methane** Structure by ED and computational methods

$C(SiMe_2Cl)_4$	*D. A. Wann, K. Bätz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss* Manuscript completed
$C_9H_{24}F_4Si_4$ $C(SiMe_2F)_4$	**Tetrakis(fluorodimethylsilyl)methane** Structure by ED and computational methods *D. A. Wann, K. Bätz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss* Manuscript completed
$C_9H_{28}Si_4$ $C(SiMe_2H)_4$	**Tetrakis(dimethylsilyl)methane** Structure by ED and computational methods *D. A. Wann, K. Bätz, S. Young, S. L. Masters, H. E. Robertson, and P. D. Lickiss* Manuscript completed
$C_{11}H_{30}Br_2Si_4$ $C(SiMe_3)_2(SiMe_2Br)_2$	**Bis(bromodimethylsilyl)bis(trimethylsilyl)methane** Structure by ED and computational methods *D. A. Wann, K. Bätz, M. S. Robinson, S. L. Masters, H. E. Robertson, and P. D. Lickiss* Manuscript completed
$C_{11}H_{30}Cl_2Si_4$ $(Me_3Si)_2C(SiClMe_2)_2$	**Bis(chlorodimethylsilyl)-bis(trimethylsilyl)methane** Structure by ED and computational methods *D. A. Wann, K. Bätz, M. S. Robinson, S. L. Masters, H. E. Robertson, and P. D. Lickiss* Manuscript completed
$C_{11}H_{32}Si_4$ $C(SiMe_3)_2(SiMe_2H)_2$	**Bis(dimethylsilyl)bis(trimethylsilyl)methane** Structure by ED and computational methods *D. A. Wann, K. Bätz, M. S. Robinson, S. L. Masters, H. E. Robertson, and P. D. Lickiss* Manuscript completed
$C_{12}H_{38}Si_6$ $Si_2H_2(SiMe_3)_4$	**1,1,2,2-Tetrakis(trimethylsilyl)disilane** Structure by ED and ab initio calculations *J. Schwabedissen, P. D. Lane, S. L. Masters, K. Hassler, and D. A. Wann* Manuscript completed
$C_{14}H_{42}Si_6$ $(SiMe_3)_2MeSiSiMe(SiMe_3)_2$	**1,1,2,2,-Tetrakis-trimethylsilyl-1,2-dimethyldisilane** Structure by ED and ab initio calculations *J. Schwabedissen, P. D. Lane, S. L. Masters, K. Hassler, and D. A. Wann* Manuscript completed
FNa NaF	**Sodium fluoride** Structure by ED and ab initio calculations *D. A. Wann, D. W. H. Rankin, P. D. McCaffrey, and R. J. Mawhorter* Manuscript submitted
F_2Na_2 Na_2F_2	**Sodium fluoride dimer** Structure by ED and ab initio calculations *D. A. Wann, D. W. H. Rankin, P. D. McCaffrey, and R. J. Mawhorter* Manuscript submitted
INa NaI	**Sodium iodide** Structure by ED and ab initio calculations *D. A. Wann, D. W. H. Rankin, P. D. McCaffrey, and R. J. Mawhorter* Manuscript submitted
I_2Na_2 Na_2I_2	**Sodium iodide dimer** Structure by ED and ab initio calculations *D. A. Wann, D. W. H. Rankin, P. D. McCaffrey, and R. J. Mawhorter* Manuscript submitted