Title:	Syntheses and reactions of pyridinophanes and cyclophanes containing group 13 elements
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Abstract:	Fascinating chemistry of macrocycles has attracted a lot of attention among scientists due to their wide variety of applications in various fields in chemistry, biochemistry and life sciences. Plethora of research has already been done in the field of organic macrocycles, however synthesis and applications of macrocycles like pyridinophanes / cyclophanes containing B/Al in their backbone has been limited due to the difficulties in their synthesis and highly sensitive nature. Recently some macrocycles are reported in this field using 2,6-pyridinediamine moiety as the building block. Keeping these facts in mind we planned to develop macrocycles containing B/Al with bigger cavity size by using different building blocks like 1,3-benzenedimethanamine and 2,6- pyridinedimethanol with different boron and aluminum compounds. Later on, in this work we have tried to study the coordination of anions with the reported boron containing pyridinophanes.
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