|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Mass** | **Molecular**  **Formula** | **Name** | **Structural Formula** | **Structure** | **I.E.**  **(eV)** |
| 30 | NO | Nitricoxide | NO |  | 9.26 |
| 42 | CH2N2 | Diazomethane | CH2N2 |  | 8.99 |
| 43 | CHNO | Isocyanic acid | NHC=O |  | 11.59 |
| 45 | CH3NO | (a) Formamide | HCONH2 |  |  |
| (b) Methane Nitroso | CH3NO | CH3NO |  |
| (c) Formaldehyde Oxime | CH2NOH |  |  |
| 46 | NO2 | Nitrogen dioxide |  |  |  |
| 57 | C2H4N2 | (a) Diazabutadiene  (b) Aminoacetonitrile | CH2NNCH2  NH2CHCN | C2H4N2C2H4N2 |  |
| 58 | CH2NNO |  |  |  |  |
| 60 | NH2CONH2 |  |  | OR |  |
| 69 |  |  |  |  |  |
| 70 |  |  |  |  |  |
| 71 |  |  |  |  |  |
| 72 |  |  |  | OR |  |
| 73 |  |  |  |  |  |
| 74 |  |  |  |  |  |
| 81 |  |  |  |  |  |
| 83 |  |  |  |  |  |
| 87 |  |  |  |  |  |
| 89 |  |  |  |  |  |
| 91 |  |  |  |  |  |
| 97 |  |  |  |  |  |
| 100 |  |  |  |  |  |
| 128 |  |  |  |  |  |
| 132 |  |  |  |  |  |
| 149 |  |  |  |  |  |
| 157 |  |  |  | -  + |  |