Supplementary Materials

**Article**

Thermal Isolation of a Clean Alloy from Waste Slag and Polymeric Residue of Electronic Waste

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Table S1. The name and molecular structures of the compounds recognized at the mass spectrum illustrated in Error! Reference source not found..

<table>
<thead>
<tr>
<th>No.</th>
<th>Compound</th>
<th>Molecular structure</th>
<th>No.</th>
<th>Compound</th>
<th>Molecular structure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1-Bromo-butane</td>
<td><img src="image1" alt="Molecular structure" /></td>
<td>2</td>
<td>Styrene</td>
<td><img src="image2" alt="Molecular structure" /></td>
</tr>
<tr>
<td>3</td>
<td>Phenol</td>
<td><img src="image3" alt="Molecular structure" /></td>
<td>4</td>
<td>2-Methyl-3,3,5-trimethylcyclohexyl-2 propenoic acid</td>
<td><img src="image4" alt="Molecular structure" /></td>
</tr>
<tr>
<td>5</td>
<td>2-Boromo-phenol</td>
<td><img src="image5" alt="Molecular structure" /></td>
<td>6</td>
<td>cis-p-Mentha-2,8-dien-1-ol</td>
<td><img src="image6" alt="Molecular structure" /></td>
</tr>
<tr>
<td>7</td>
<td>2,3-Dihydro-2-methyl-benzofuran</td>
<td><img src="image7" alt="Molecular structure" /></td>
<td>8</td>
<td>2-Allylphenol</td>
<td><img src="image8" alt="Molecular structure" /></td>
</tr>
</tbody>
</table>
9  1-phenoxy-2-propanone

10  4-(1-methylethyl)-phenol

11  p-Isopropenylphenol

12  3,4-Dihydro-2H-1-benzopyran-3-ol

13  2,4-Dibromo-phenol

14  2-Bromo-p-cymene

15  2,3-Dihydro-2,2,4,6-tetramethylbenzofuran

16  1,2,3,4, Tetrahydro-2,5,8-trimethyl-naphthalene

17  p-hydroxybiphenyl