

Fig.11 Relationship between fHD and tHD in hydrolysis with or without acid

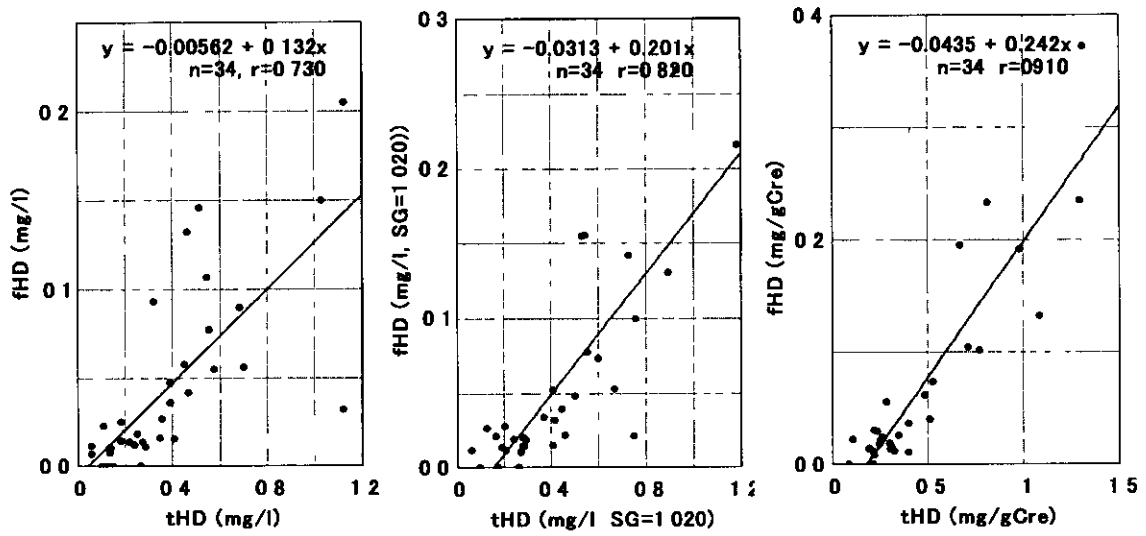


Fig.12 Relationships between fHD and tHD in various corrections

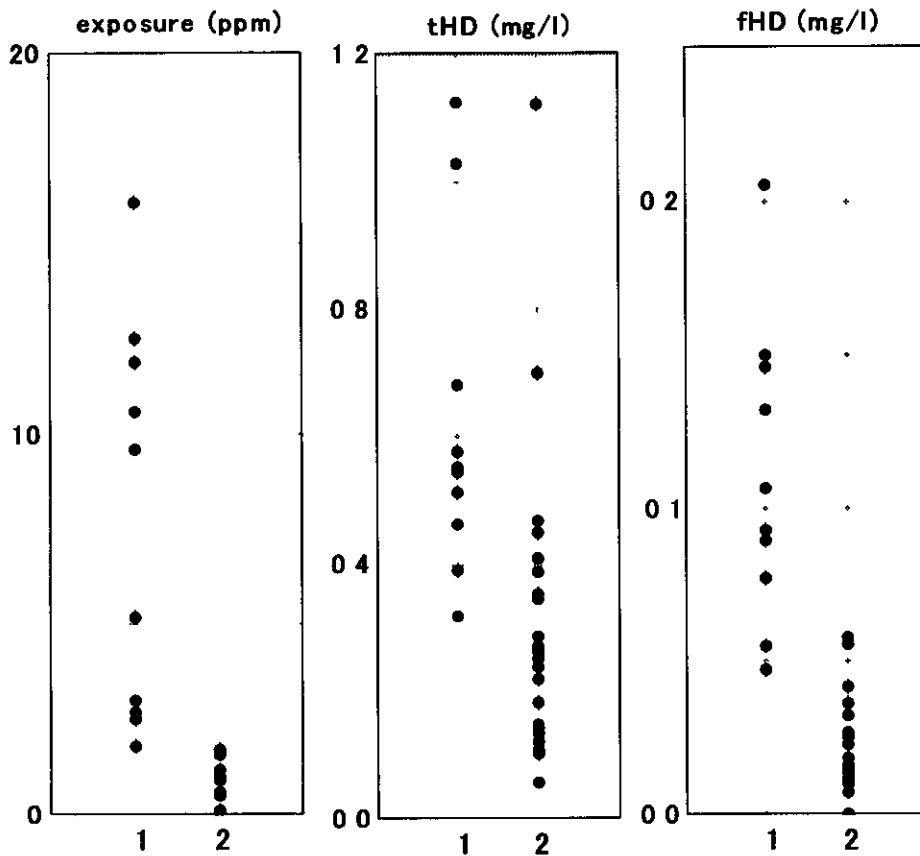


Fig.13 Comparison of personal exposure levels, tHD and fHD levels in two groups

1: Exposed group

2: Non-exposed group.

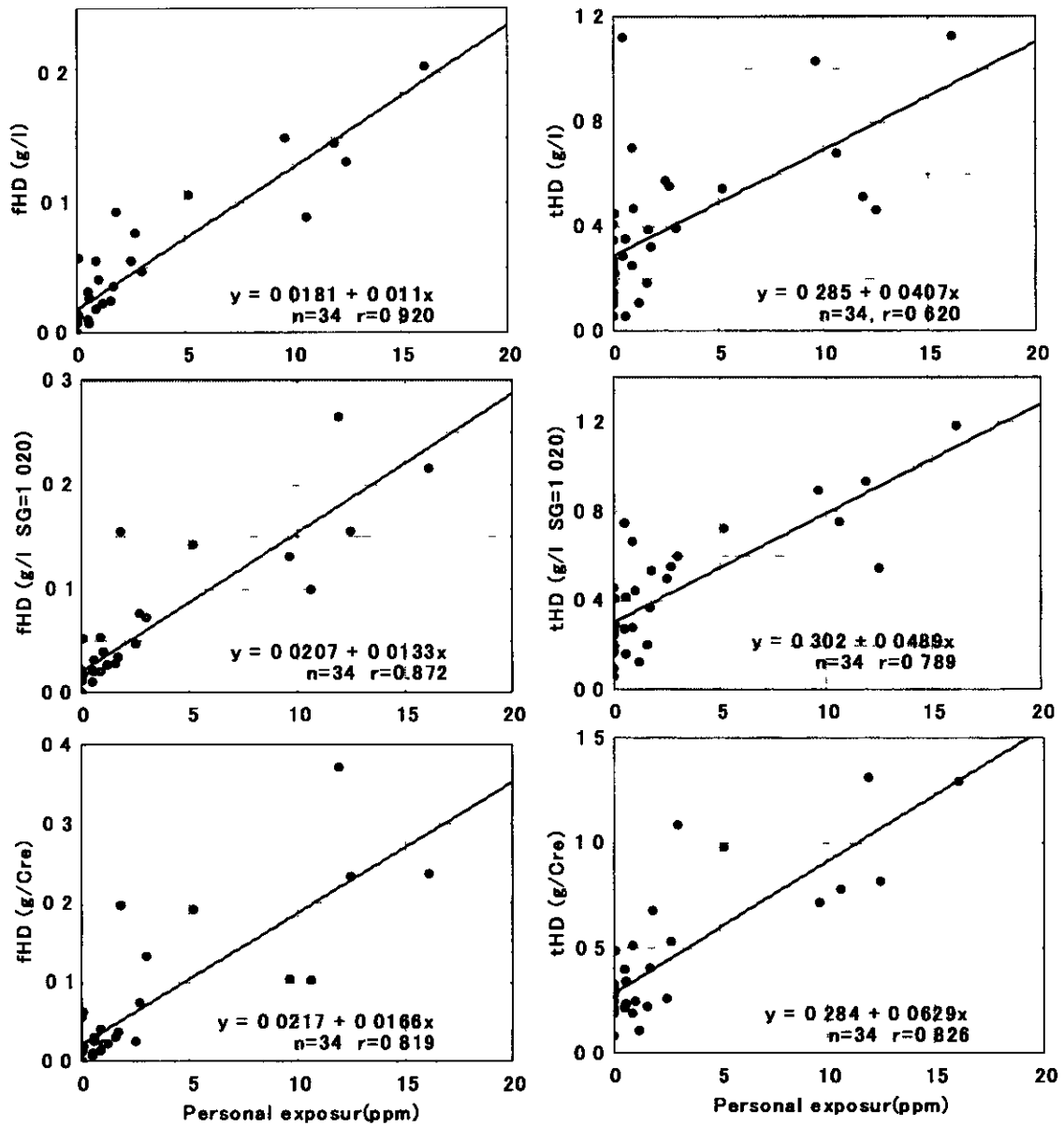


Fig. 14 Relationships between personal exposure levels and fHD or tHD

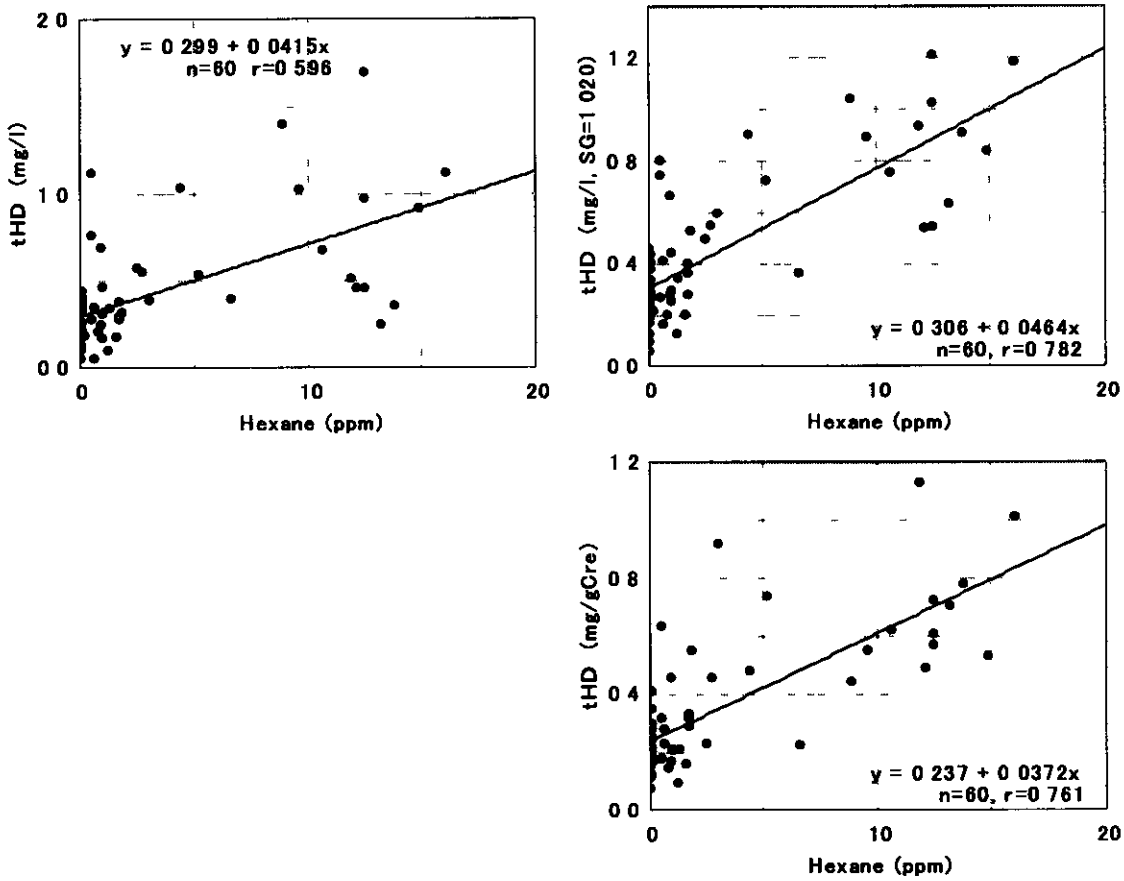


Fig.15 Relationship between tHD and personal exposure level

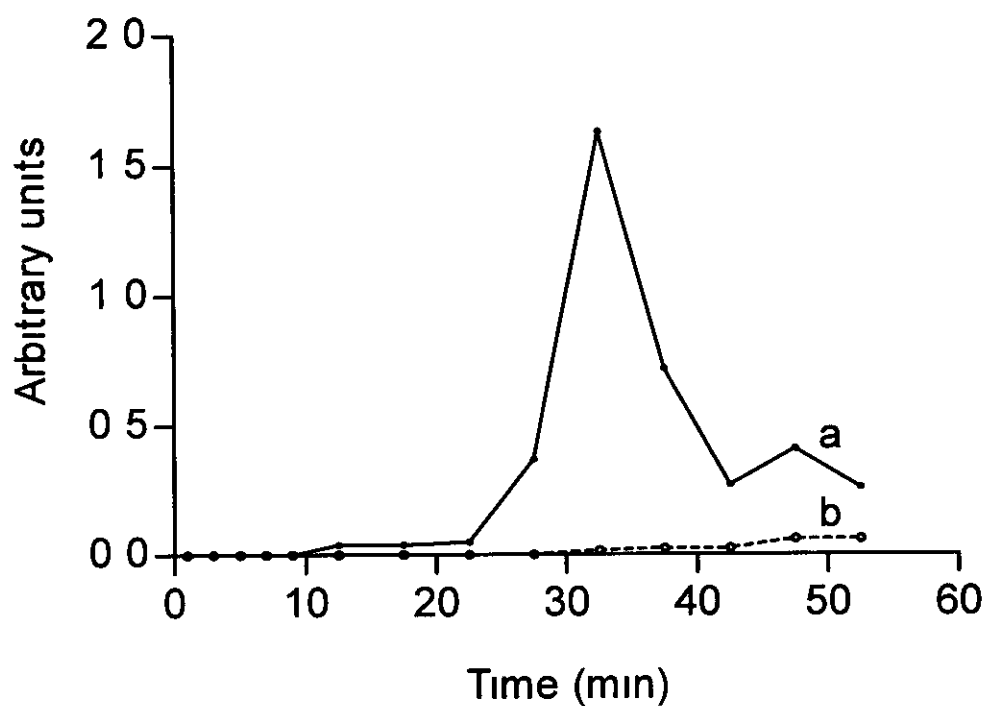


Fig. 16 HPLC fractionation of the urine of rats dosed intraperitoneally with 2,4-TDI, 0.10 mmol/kg: elution profile of total hydrolysable 2,4-TDA (a); elution profile of 2,4-TDA in non-hydrolyzed fractions (b)

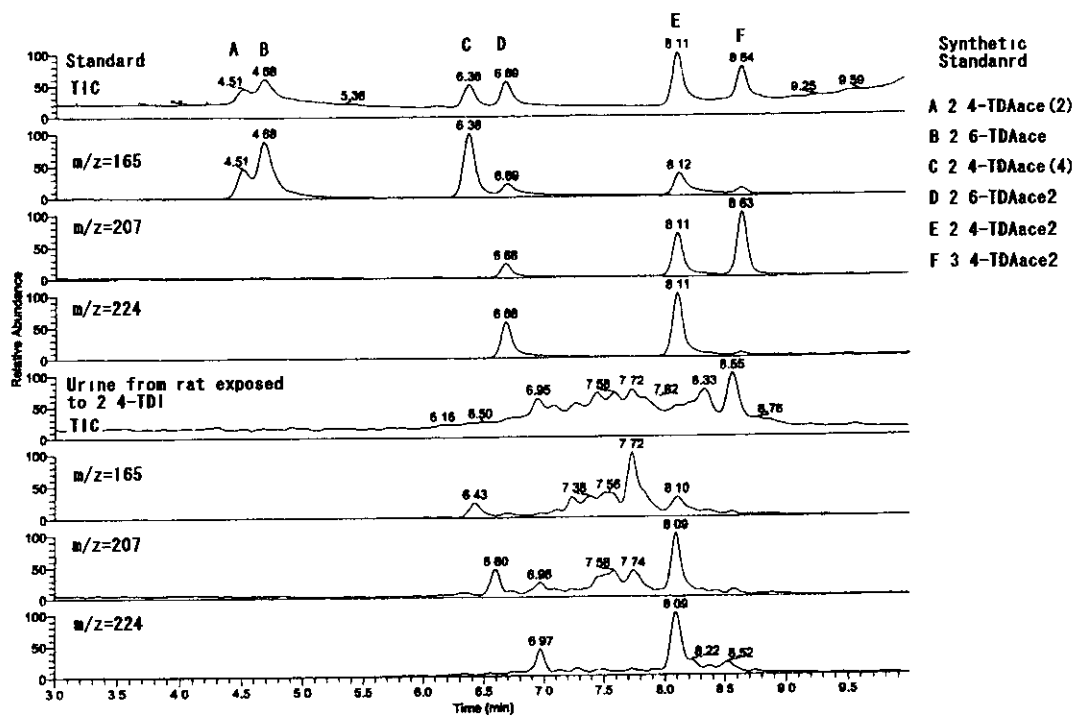


Fig. 17 LC-MS profiles of standard and urine from rat exposed to 2,4-TDI

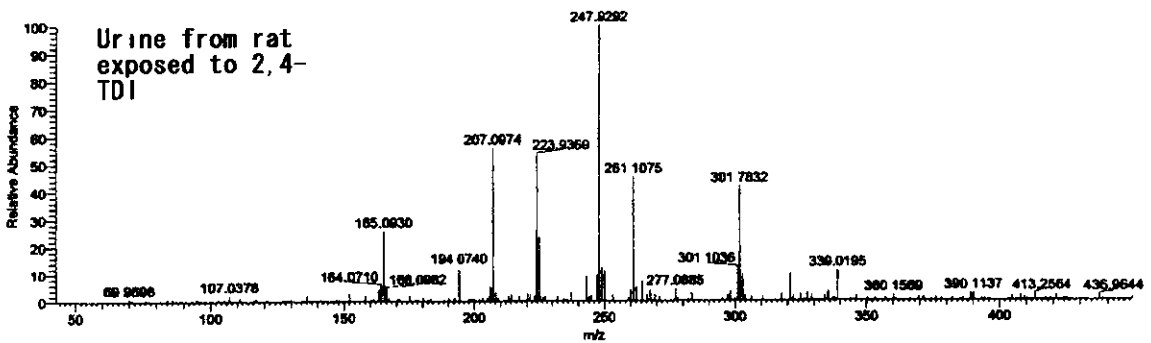
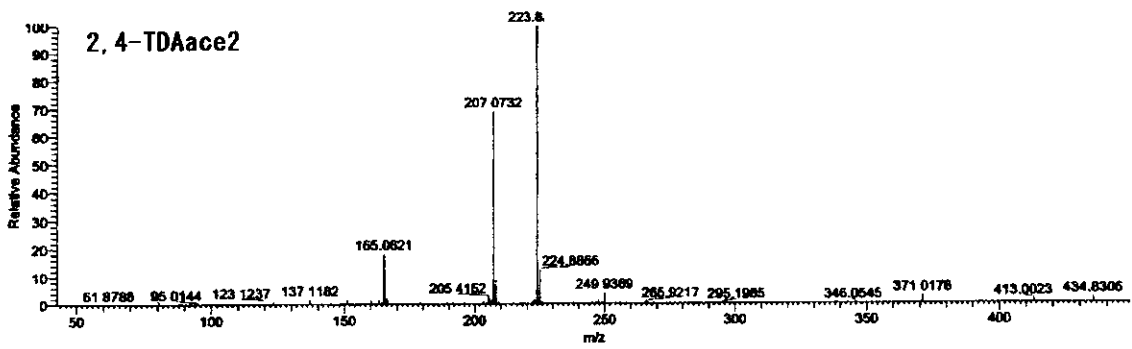


Fig.18 Mass spectra of standard 2,4-TDAce2 and rat urine peak in LC-MS

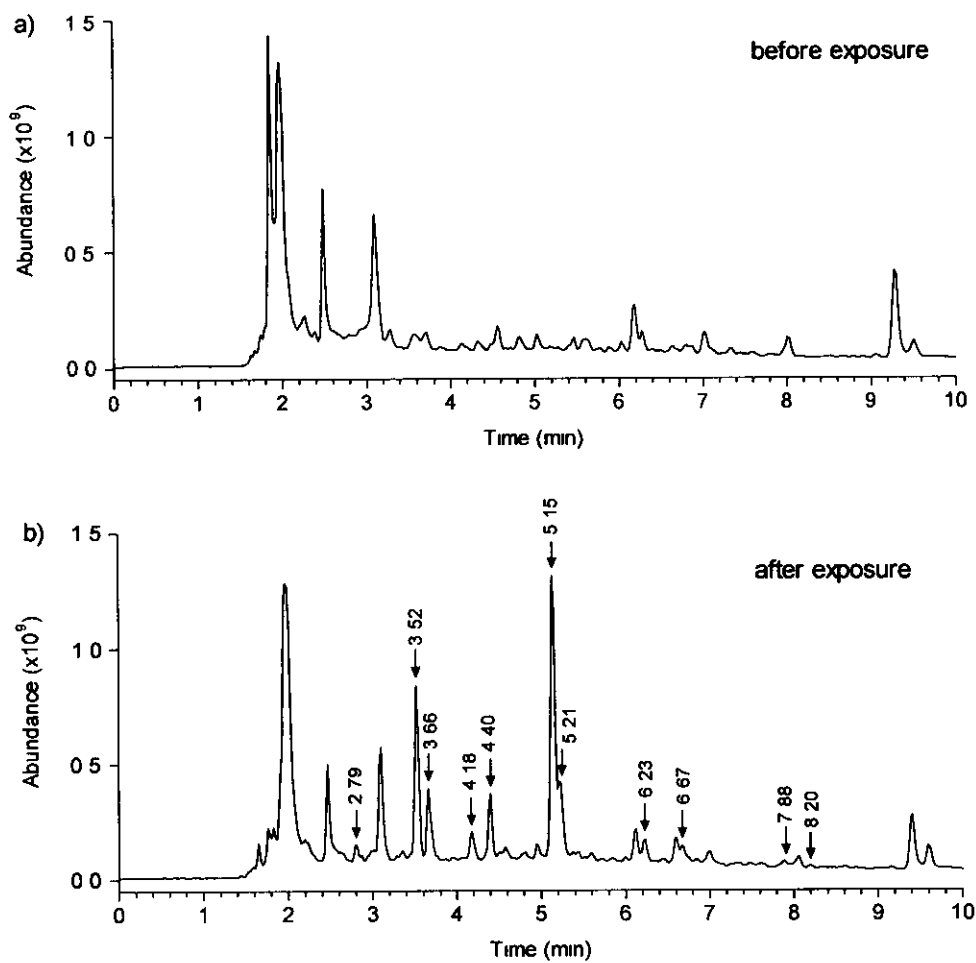


Fig. 19 LC-MS profiles of urine from rat before and after exposure to 2,4-TDA

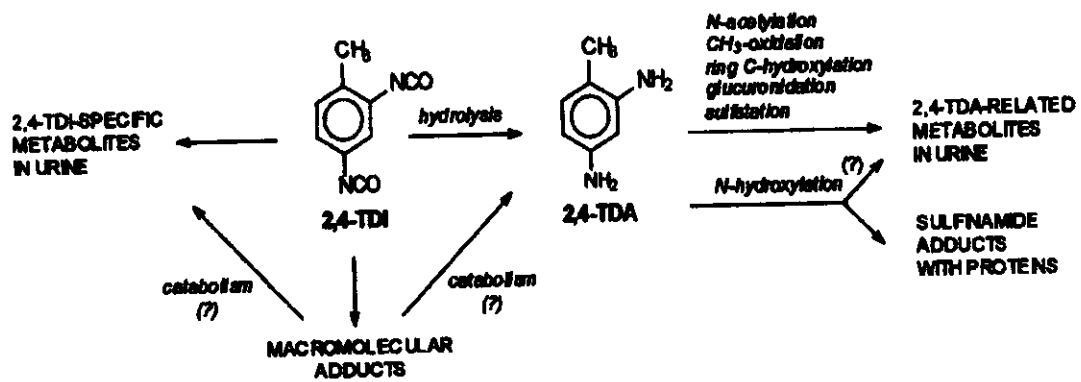


Fig. 20 Proposed metabolic scheme for 2,4-TDI and 2,4-TDA, and formulae of the 2,4-TDA-related metabolites

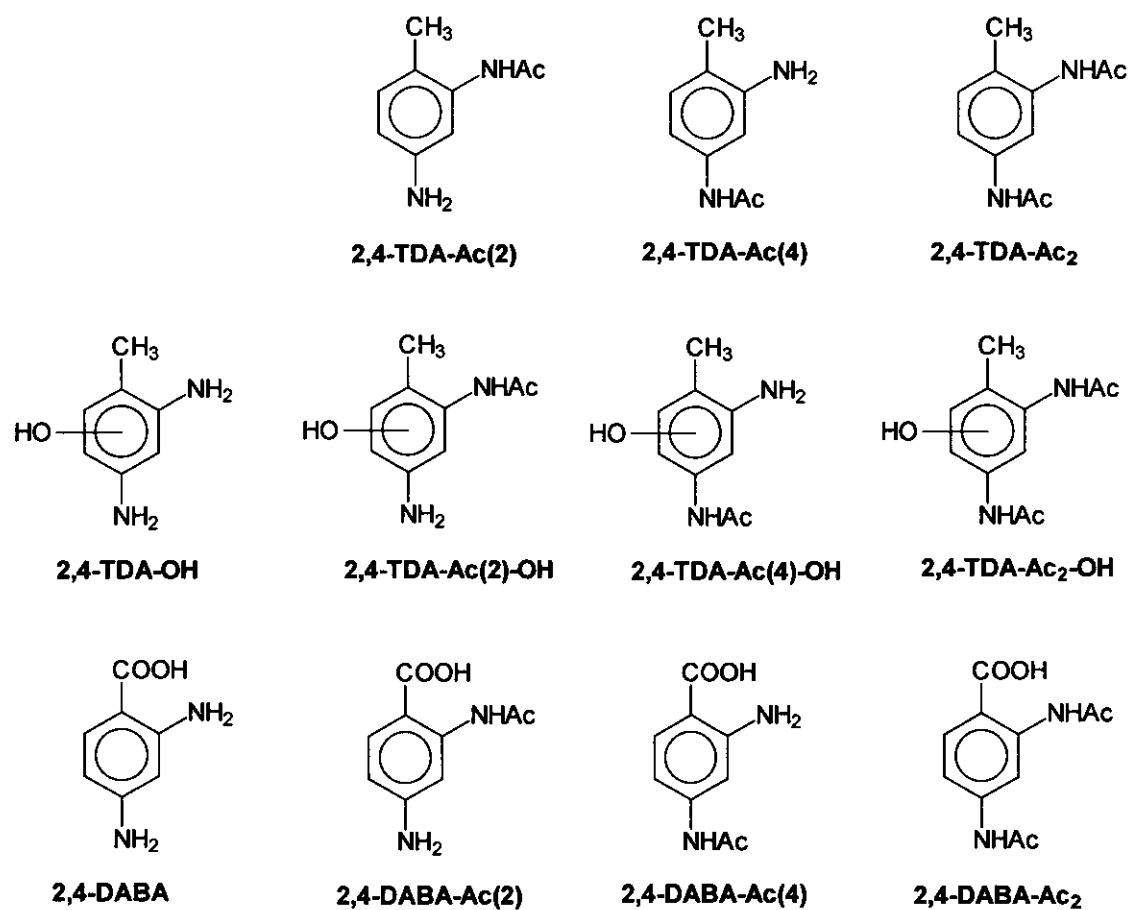


Fig. 21 Formulae of the 2,4-TDA-related metabolites

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研究成果の刊行に関する一覧表

著者氏名	論文タイトル	発表誌名	巻名	ページ	出版年
森田陽子、坂井 公、 Yangho Kim	GC-MSによるトル エンシイソシアネー ト尿中代謝物の測定	日本職 業・災害 医学会会 誌	51	154-157	2003
森田陽子、坂井 公、 中嶋義明、河口友香、 横沢冊子、西中川秀 太、吉田友彦、永田直 一	新築医療施設での VOC濃度とその推移	日本職 業・災害 医学会会 誌	51	437-441	2003

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以降は雑誌/図書等に掲載された論文となりますので、
「研究成果の刊行に関する一覧表」をご参照ください。