

Thallium

Formerly widely available



Rat poison



Rat poison

Thallium

Lethal dose 12 mg / kg

Interferes with nervous system



Due to chemical similarity with potassium

Thallium

Characteristic symptom



Hair will fall out

DNA

Fingerprints

Fibre Analysis

Poison

Blood

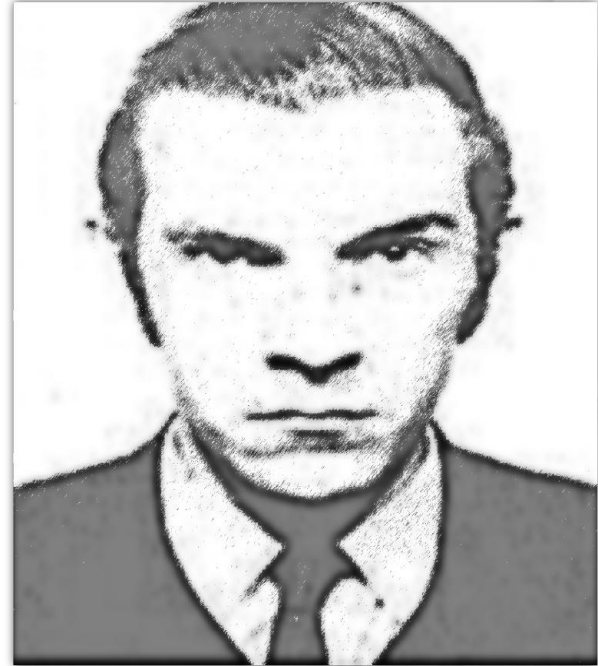
Graham Young

1962

Murdered stepmother
when he was age 14

Sent to Broadmoor
Psychiatric Hospital

Detained and treated



Graham Young

1971

Released from hospital

Worked in a warehouse

Poisoned the tea
of his co-workers



Tea

Graham Young

Used low doses of thallium or antimony

8 fell ill; 2 died

Bob Egle



Cremated

Fred Biggs



Death triggered investigation

Graham Young

Bob Egle



Cremated



Thallium cannot be destroyed



Thallium present in ashes

Graham Young convicted



Life in prison

Graham Young's fans?

Shizuoka, Japan, 2006



17 year old girl poisoned mother with thallium

"She did not hold a grudge against her mother – she just wanted to do an experiment."