

TC-C-07

Evidence:

The screenshot shows the Truffle UI interface. On the left, the 'DEPLOY & RUN TRANSACTIONS' sidebar indicates 1 transaction recorded. It has 'Save' and 'Run' buttons. Below this, the 'Deployed Contracts' section shows 'CALCULATOR AT 0xD91...39138'. The contract has a balance of 0 ETH. It lists three functions: 'addition', 'multiply', and 'multiply2'. The 'addition' function is selected. On the right, the 'Contract' tab displays the Solidity code for the calculator contract. The 'Explain contract' button is highlighted. The 'Output' tab shows a transaction to the 'Calculator.subtraction' function. The transaction details are: from: 0x5B3...eddC4, to: Calculator.subtraction(uint256,uint256) 0xd91...39138, value: 0 wei, data: 0x900...00005, logs: 1 hash: 0x065...3b909. A red box highlights the 'SUBTRACTION' section in the UI and the transaction details in the output tab.

```
// SPDX-License-Identifier: MIT
// File: Caculator.sol
// Contracts deployed to: 0xd91...39138
// Compiler: solc@v0.8.11

// Events
event Addition(uint256 number1, uint256 number2, uint256 result);
event Subtraction(uint256 number1, uint256 number2, uint256 result);

// External functions
function addition(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
    result_ = num1_ + num2_;
    emit Addition(num1_, num2_, result_);
}

function subtraction(uint256 num1_, uint256 num2_) public returns(uint256 result_) {
    result_ = num1_ - num2_;
    emit Subtraction(num1_, num2_, result_);
}
```