

If carryover or background contamination is evident in the chromatogram, and the problem has been traced to the optic injector, then the injector may need to be cleaned. Follow the procedure below to clean the injector.

- 1.1 If carryover is suspected in the optic injector remove the column and insert a clean empty liner, in the standby menu set the valve to split, temperature to 600°C and carrier pressure to 5psi. Press 'menu exit' to activate the change and allow one hour to purge the injector.
- 1.2 Additionally if a hot air gun is available heat the carrier, purge and split lines to the injector to help purge the contamination away.
- 1.3 Repeat steps 1.1 and 1.2 with the bottom of the injector blanked with a no hole ferrule or paper clip.
- 1.4 Retest the system to see if the carryover has disappeared.
- 1.5 If carryover is still present remove the column and optic liner. Disconnect the carrier, split and purge lines from the back of the control box.
- 1.6 Position a large beaker under the open injector base to collect waste and flush each line and the injector itself with solvent to remove contamination. Using cotton wool buds moistened in solvent remove any deposits from the internal walls of the injector.
- 1.7 Repeat steps 1.1 to 1.4.
- 1.8 If carryover is still present contact your supplier.