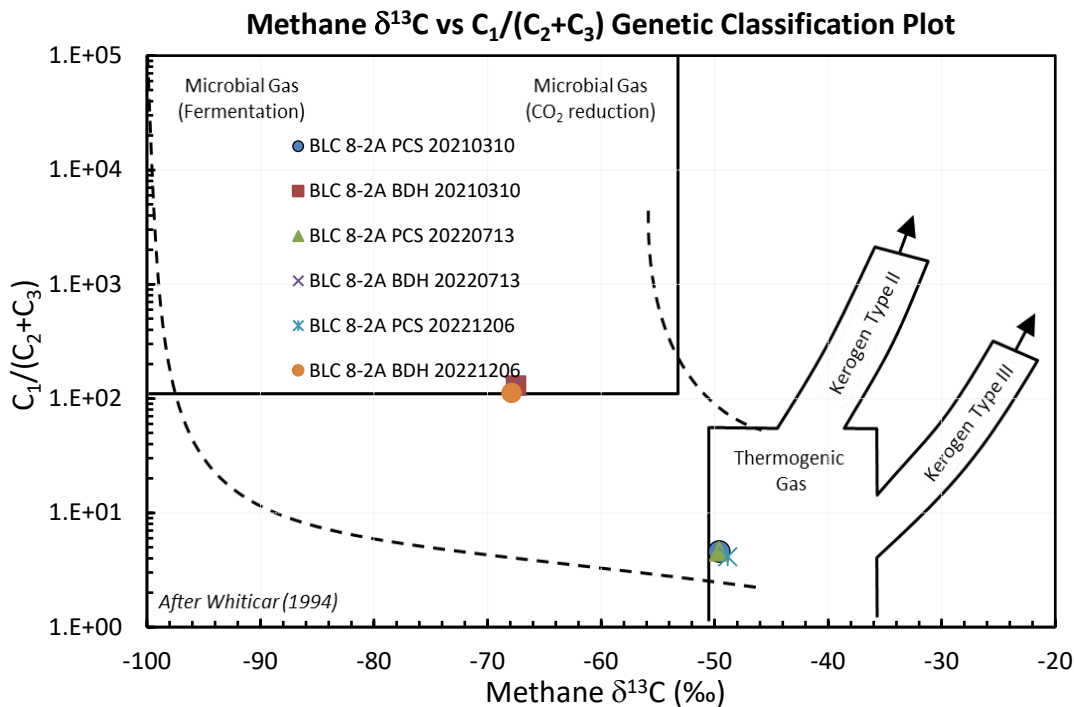
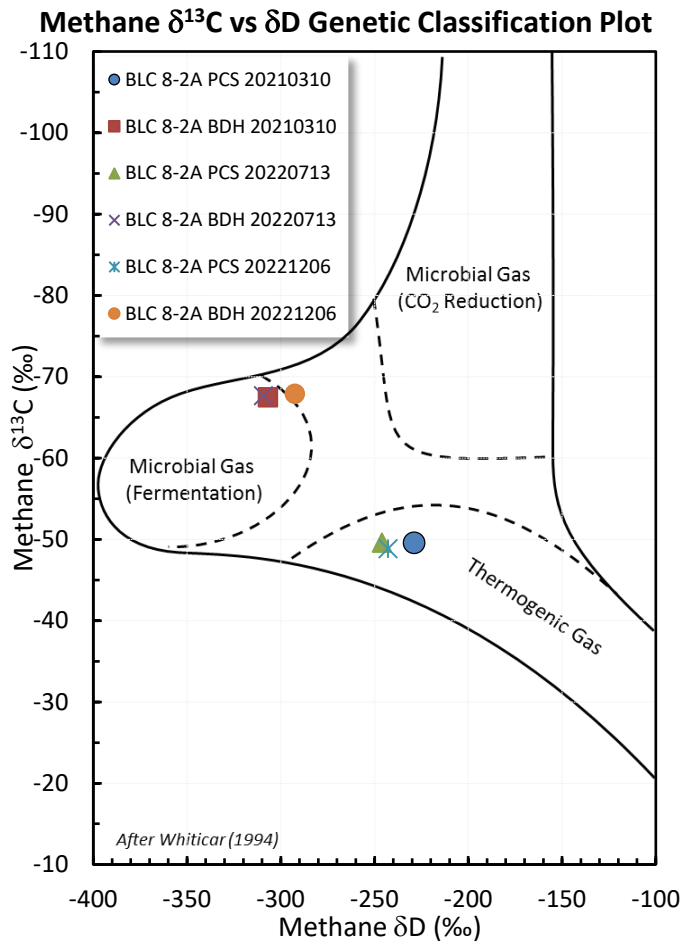
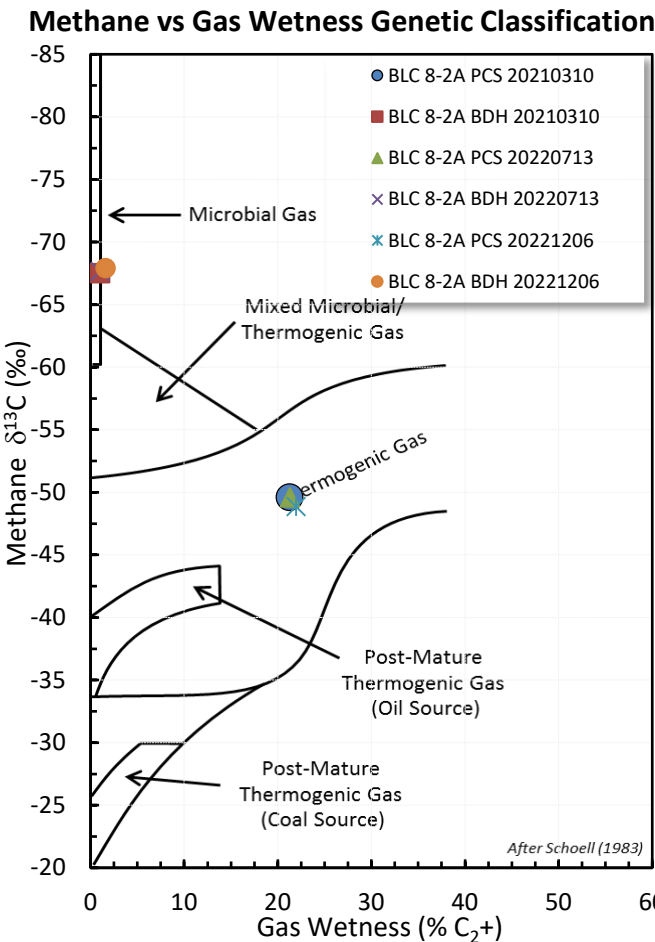
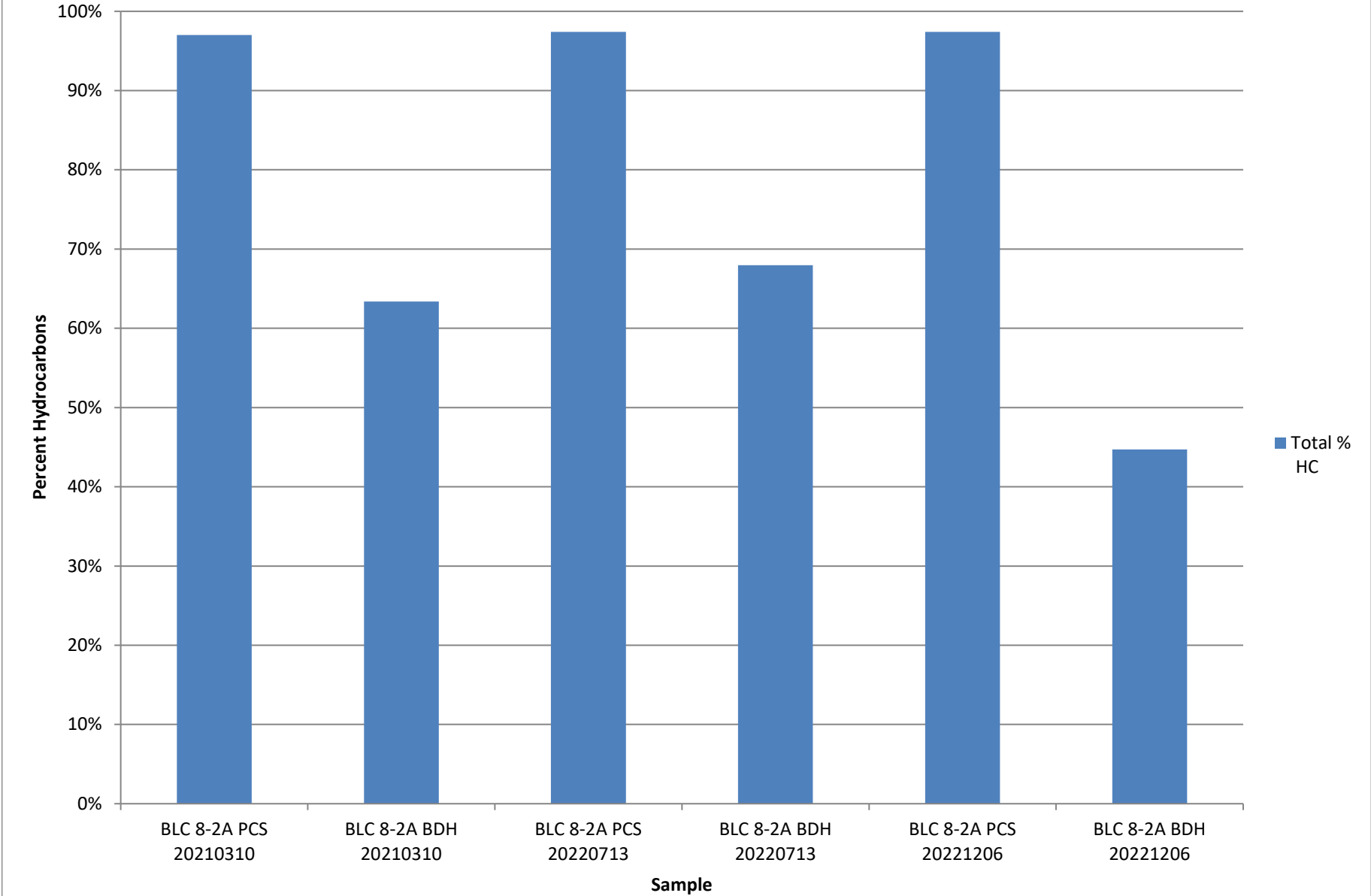


# Stable Isotope Interpretive Plots



Total Percent Hydrocarbons



**GAS COMPOSITION**

GAS COMPOSITION (MOL %)

Parameter

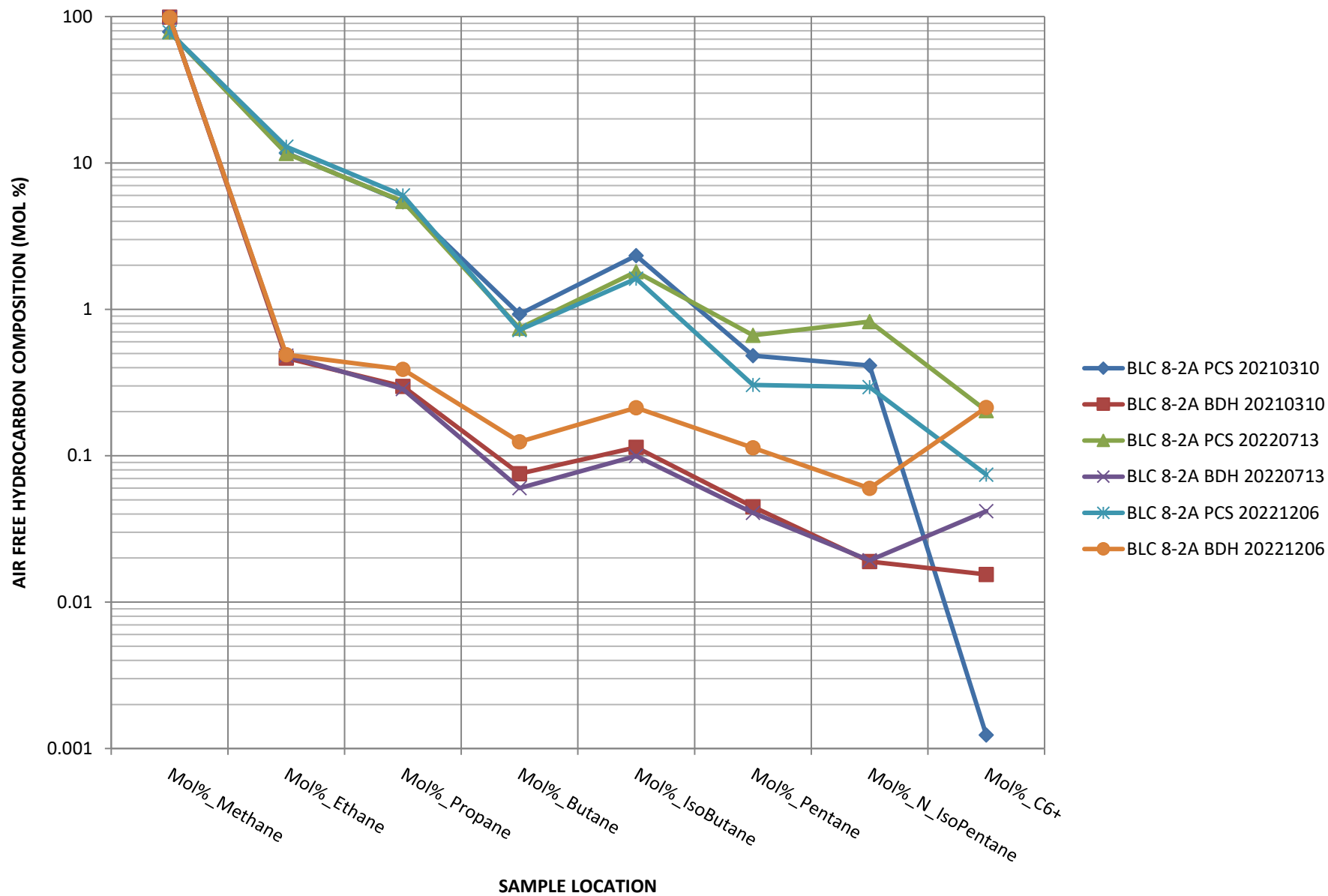
Legend:

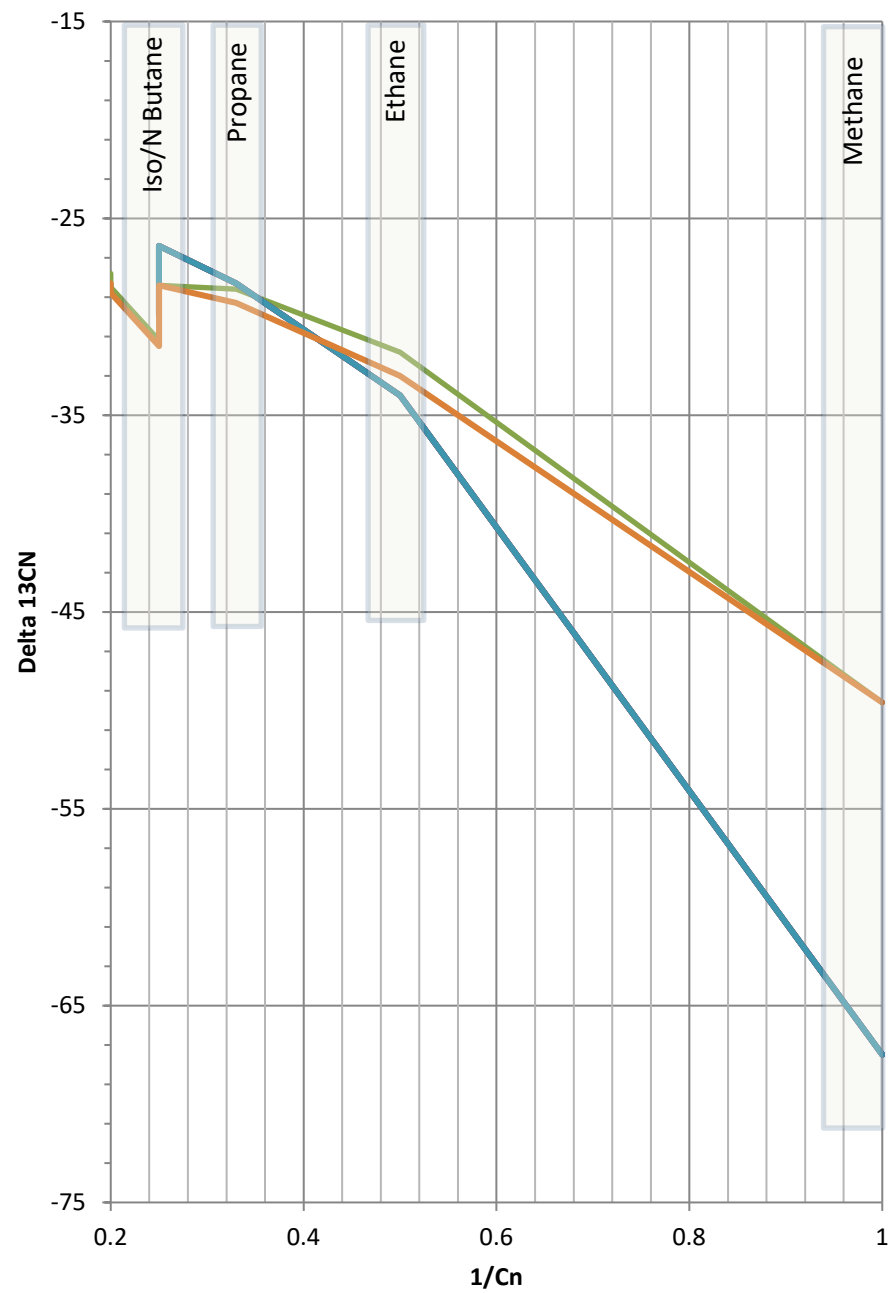
- BLC 8-2A PCS 20210310
- BLC 8-2A BDH 20210310
- BLC 8-2A PCS 20220713
- BLC 8-2A BDH 20220713
- BLC 8-2A PCS 20221206
- BLC 8-2A BDH 20221206

Parameter	BLC 8-2A PCS 20210310	BLC 8-2A BDH 20210310	BLC 8-2A PCS 20220713	BLC 8-2A BDH 20220713	BLC 8-2A PCS 20221206	BLC 8-2A BDH 20221206
Mol%_Nitrogen	0.5	30	0.5	30	0.4	40
Mol%_Oxygen	0.06	7	0.015	4	0.012	11
Mol%_Argon		0.6		0.5		0.8
Mol%_O2+AR	2.5		2.0		2.2	
Mol%_CarbonDioxide	0.02		0.018		0.012	
Mol%_Helium	0.035		0.2		0.07	
Mol%_hydrogen	75	60	75	70	75	45
Mol%_Methane	11	0.3	11	0.35	12	0.22
Mol%_Ethane	5.5	0.2	5.5	0.2	6.0	0.18
Mol%_Propane	0.9	0.05	0.7	0.04	0.7	0.055
Mol%_Butane	2.5	0.07	2.0	0.065	1.8	0.095
Mol%_IsoButane	0.5	0.03	0.65	0.03	0.3	0.05
Mol%_N_Pentane	0.45	0.012	0.8	0.015	0.3	0.025
Mol%_IsoPentane			0.2	0.03	0.075	0.095
Mol%_C6+						

- BLC 8-2A PCS 20210310
- BLC 8-2A BDH 20210310
- BLC 8-2A PCS 20220713
- BLC 8-2A BDH 20220713
- BLC 8-2A PCS 20221206
- BLC 8-2A BDH 20221206

## HYDROCARBON COMPOSITION



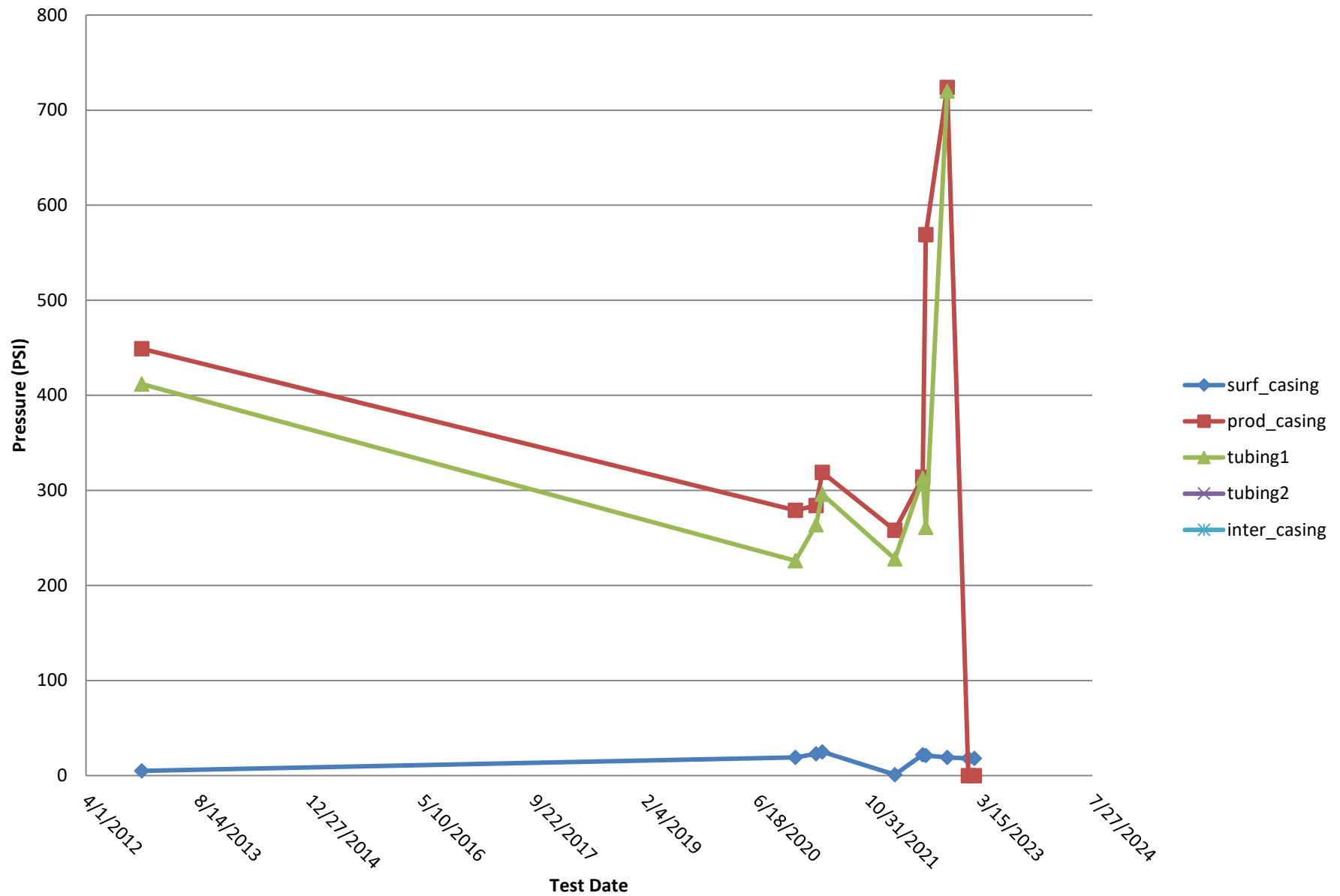


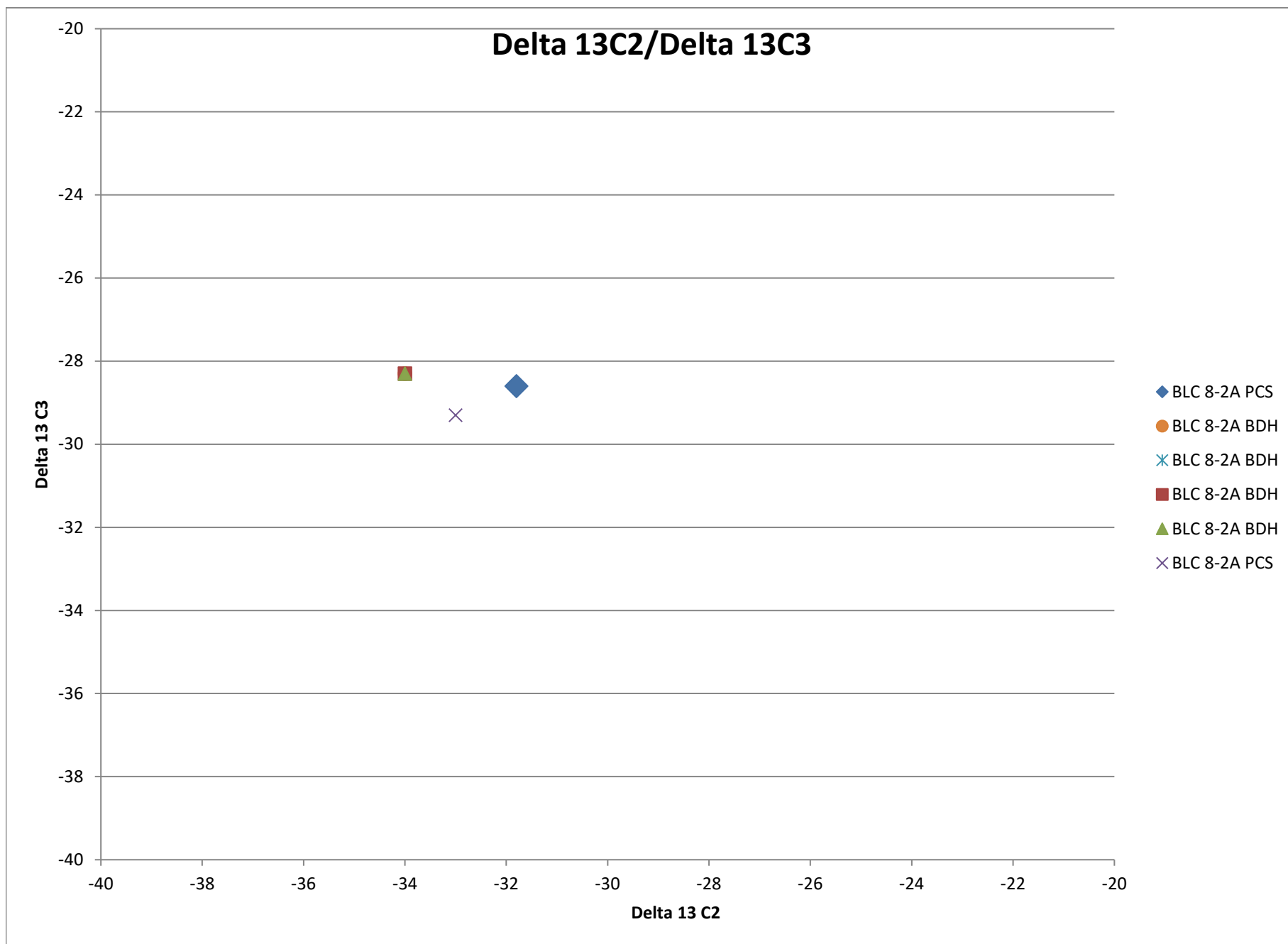
BLC 8-2A PCS      BLC 8-2A BDH

BLC 8-2A BDH      BLC 8-2A BDH

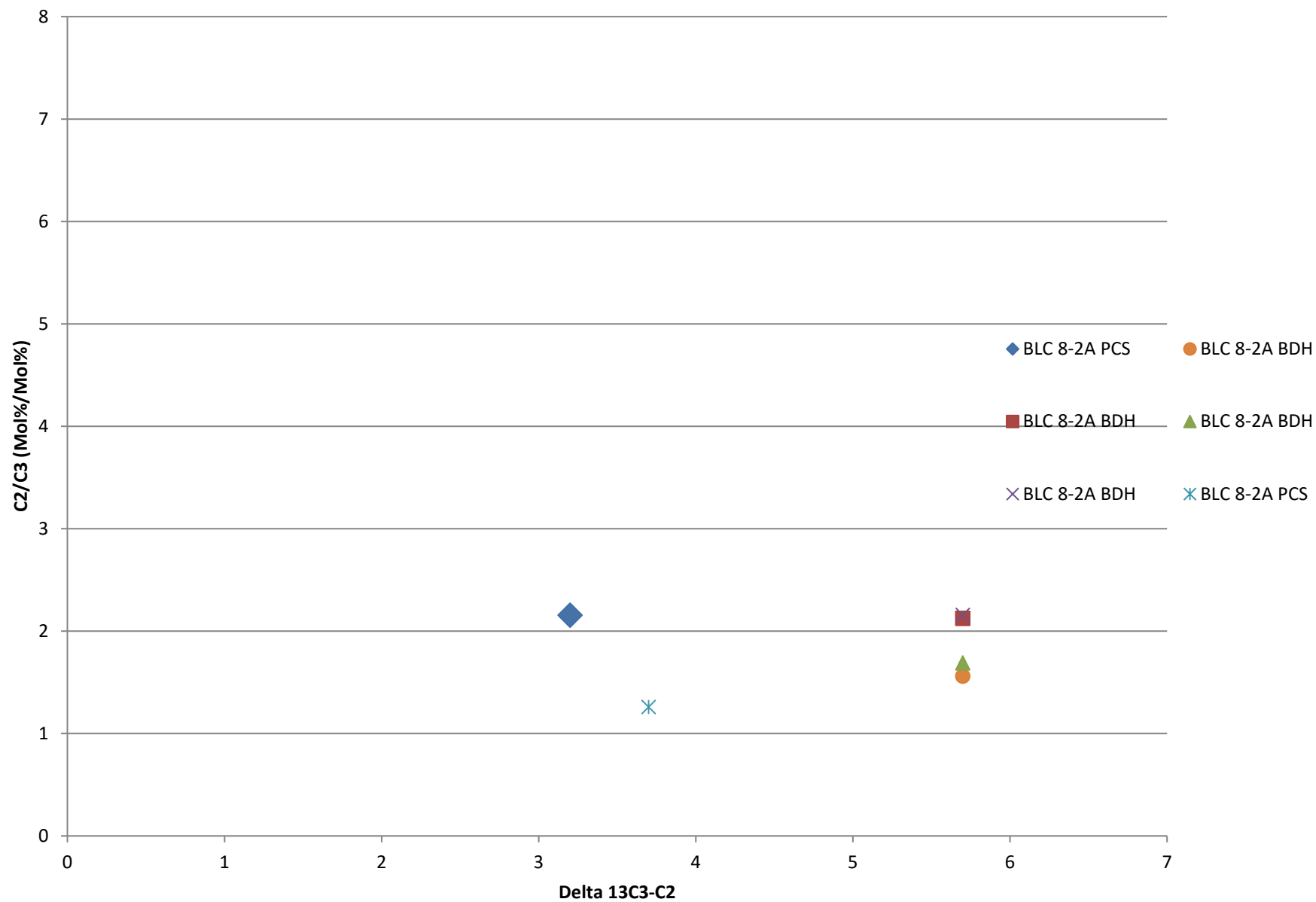
BLC 8-2A BDH      BLC 8-2A PCS

## Bradenhead Test Summary





## Delta13 C2/C3 vs. Delta 13C3-C2





## Delta 13 IC4/ Delta NC4

