NOvA-ART - Bug #3057

Remove isRealData instances from checks for MCTruth

10/19/2012 11:44 AM - Gavin Davies

Status:	Closed		**Start date:**	10/19/2012
Priority:	Normal		**Due date:**	11/01/2012
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:				

Description
Anything that can run on data and MC should not be looking at the isRealData flag. Chris will make a simple function one can ask BackTracker service if there is Truth present.
Will press on different package developers to make the necessary changes/removal of isRealData flag check
Goal: To have this resolved for next round of production

History

#1 - 10/19/2012 11:46 AM - Gavin Davies

OK, whilst writing the ticket Chris made the BackTracker function: https://cdcvs.fnal.gov/redmine/projects/novaart/repository/revisions/3703

New function HaveTruthInfo(). Should replace most uses of evt.isRealData().

#2 - 10/02/2013 02:44 PM - Christopher Backhouse

Hall of shame, to be investigated, found using ack:

- Calibration (I think we're mostly using this as a proxy for whether or not we should sum planes by view)
- Filter
- MCCheater
- MCCheckOut
- MuonRemove
- NuMISpillInfo
- RecoJMShower
- ShowerAna

Some of these might be OK. Others pretty definitely not.

#3 - 07/27/2014 02:40 PM - Christopher Backhouse

Updated list:

- CAFMaker - to fill the metadata. That's probably OK
- Calibration - "expert" use, probably OK
- Filter - this should be using the BackTracker function
- IFDBSpillInfo - I think this is OK
- MCCheater - this is OK
- MCCheckOut - should use the BackTracker function
- RecoJMShower - All over the place. We shouldn't be switching on data/MC at all for a PID!
- ShowerAna - should use the BackTracker function
- ShowerLID - Same comments for RecoJM

Looks like we could close this with a little work, only two years behind schedule

#4 - 07/27/2014 07:25 PM - Kanika Sachdev

- Status changed from New to Closed

I've fixed all but RecoJMShower. The use of isRealData there goes too deep. Since it is going to get retired soon anyway, I don't think it's worth spending the time.