I seem to remember that concatenation is slow with big arrays or
something...

If you have to do this often (especially inside a loop!) and if you can
put a higher limit on the number of rows, I would do:

a=fltarr(40,N) ; you would do this outside the loop, if any.
; where N is a number that is an over estimate of the size you will
need at the end.

a[*]=-1
; or some value you know won't appear in real data. I seem to only ever
encounter positive ; numbers :-) Dunno if you could fill it with
NaNs....

;now you fill a with your sub arrays
a[*,0:29]=f
a[*,30:300+29]=f1
a[*,330:3330+329]=f2

;finaly clean it up
b=a[where(a[*] ne -1)]
a=0

Or someting along these lines anyway... hope this helps.

Gianguido