269 ?

277 $(x^{11}-21x^9+152x^7-13x^6-445x^5+102x^4+450x^3-147x^2-56x+4)^2$

281 $x^{22}+50x^{20}+1081x^{18}+13285x^{16}+102611x^{14}+519821x^{12}+1748638x^{10}$
$+3865180x^8+5420534x^6+4487135x^4+1884424x^2+265883$

293 ?

313 $(x^{12}-21x^{10}-5x^9+158x^8+63x^7-509x^6-241x^5+648x^4+272x^3-250x^2$
$-81x-4)^2$

317 ?

337 $(x^{13}-x^{12}-22x^{11}+16x^{10}+182x^9-91x^8-697x^7+221x^6+1217x^5-215x^4$
$-808x^3+61x^2+175x)^2$

349 ?

353 $x^{28}+57x^{26}+1429x^{24}+20814x^{22}+196024x^{20}+1256811x^{18}$
$+5621908x^{16}+17671372x^{14}+38764478x^{12}+58122566x^{10}$
$+57447036x^8+35475661x^6+12722068x^4+2334034x^2+160344$

373 ?

389 ?

397 ?

401 $x^{32}+71x^{30}+2276x^{28}+43639x^{26}+558857x^{24}+5055254x^{22}$
$+33307004x^{20}+162429517x^{18}+589806266x^{16}+1590734165x^{14}$
$+3152518983x^{12}+4498023798x^{10}+4468102725x^8+2926806000x^6$
$+1151600000x^4+225600000x^2+12800000$

409 $(x^{16}+x^{15}-27x^{14}-27x^{13}+284x^{12}+272x^{11}-1487x^{10}-1296x^9+4094x^8$
$+2998x^7-5757x^6-3006x^5+3774x^4+907x^3-964x^2+32)^2$

421 ?

433 $(x^{17}+2x^{16}-29x^{15}-58x^{14}+327x^{13}+666x^{12}-1798x^{11}-3845x^{10}$
$+4859x^9+11637x^8-5274x^7-17447x^6-326x^5+11020x^4+3120x^3$
$-1660x^2-416x+104)^2$